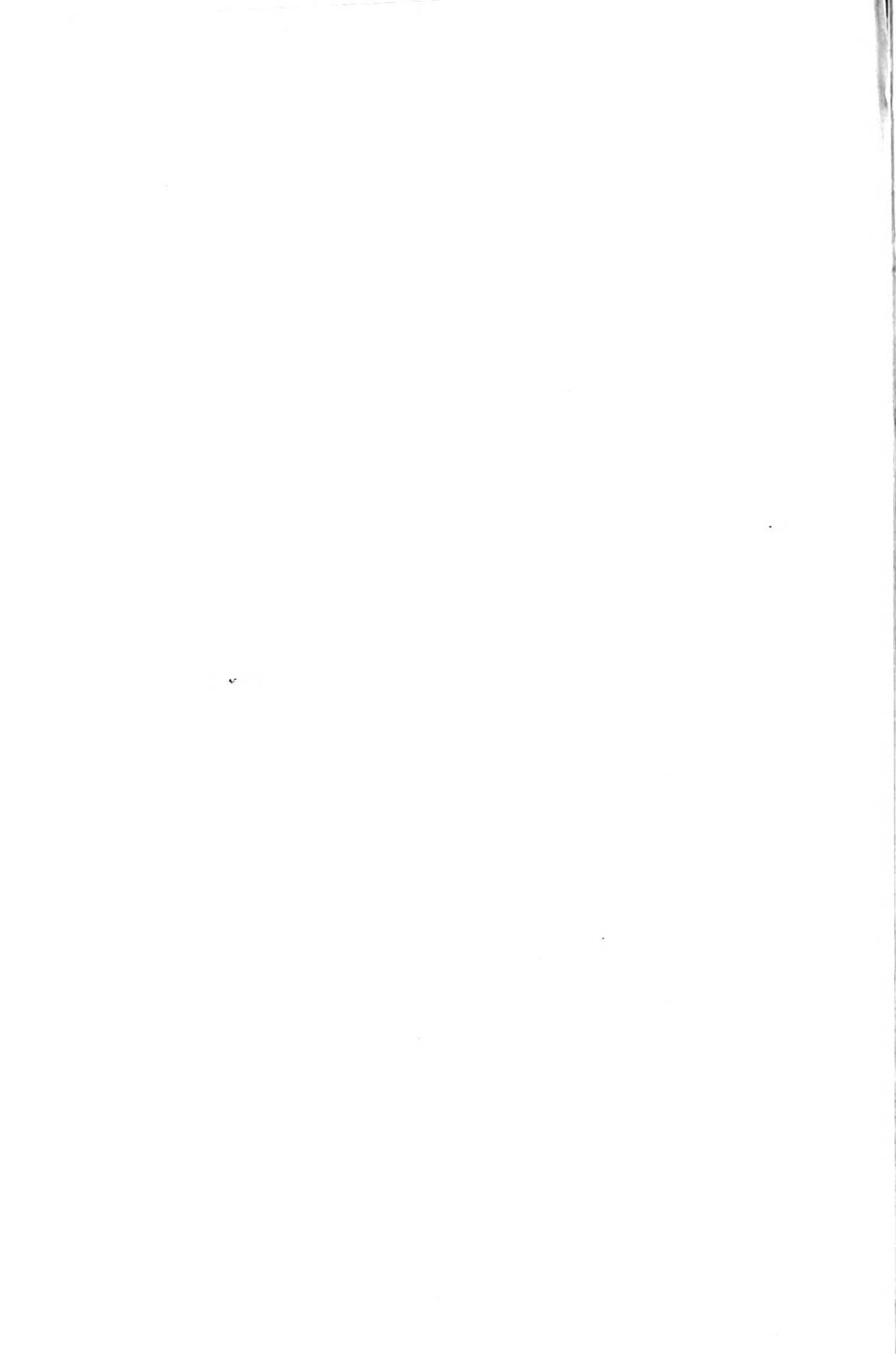
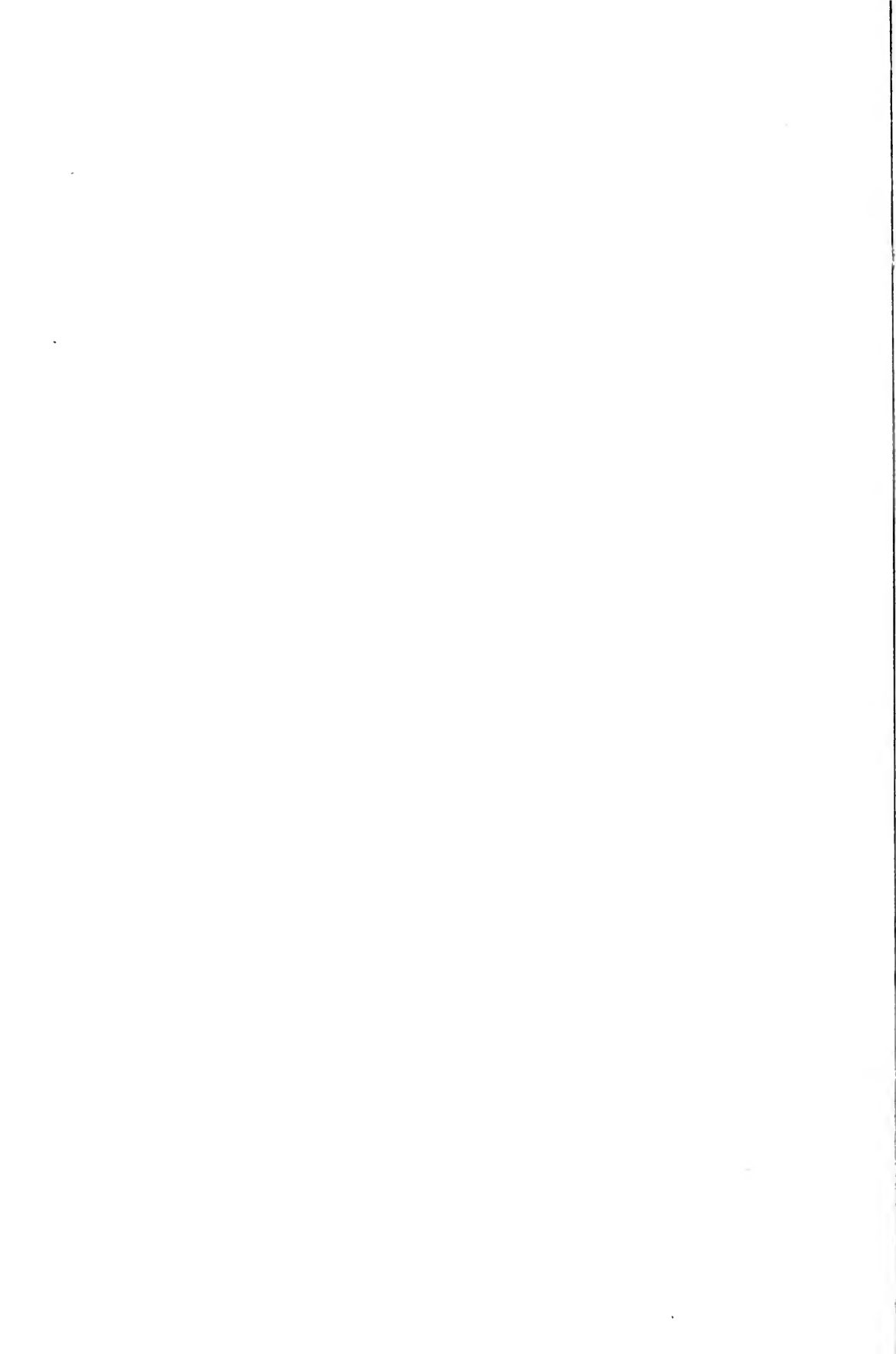




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# SESSIONAL PAPERS

VOLUME 7

FIFTH SESSION OF THE THIRTEENTH PARLIAMENT

OF THE

DOMINION OF CANADA

SESSION 1921

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VOLUME LVII





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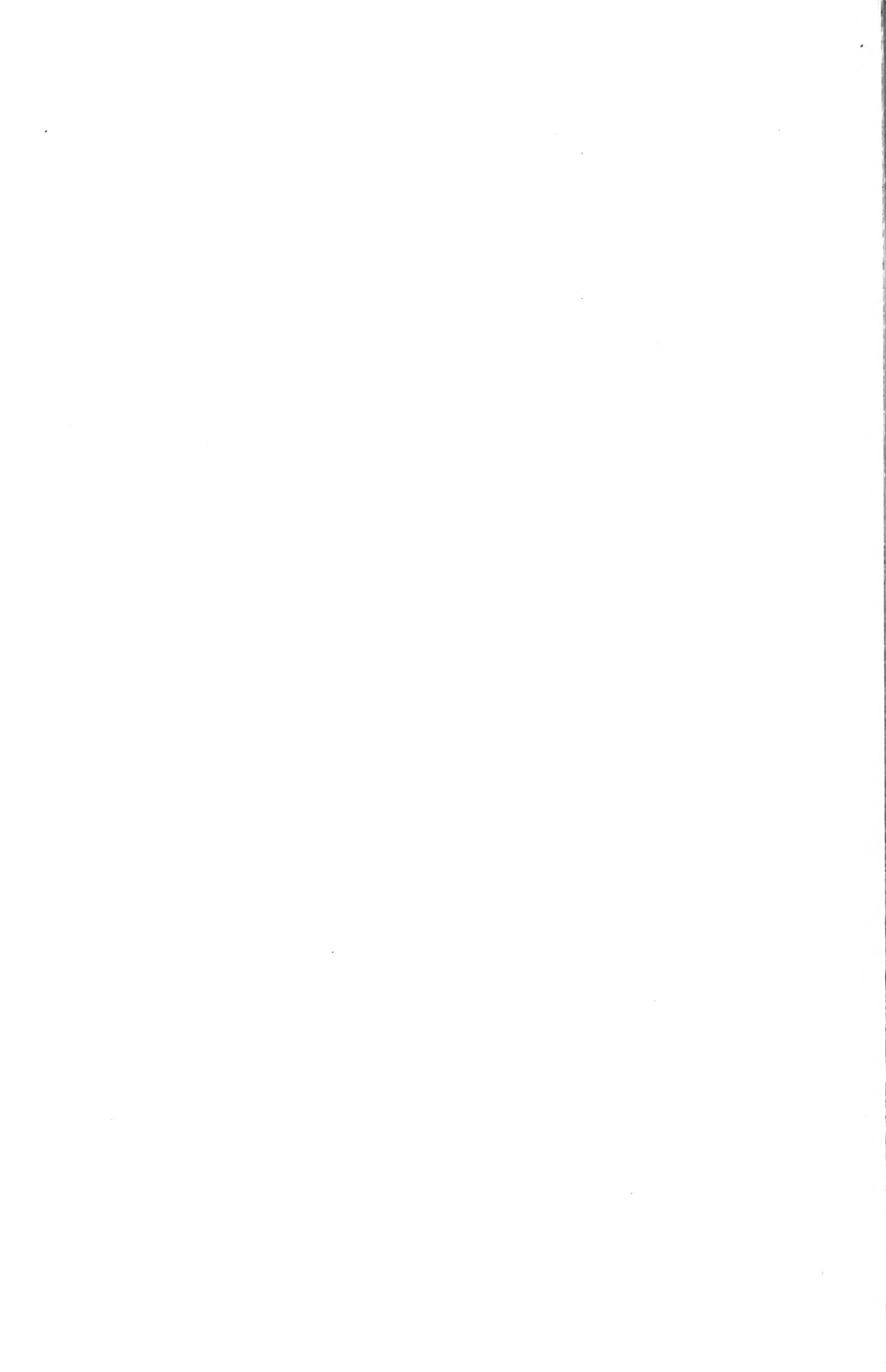
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*Printed for distribution and sessional papers.*
- 29.** Report of the Secretary of State of Canada for the year ending March 31, 1920. Presented by Sir Henry Drayton, March 21, 1921.  
*Printed for distribution and sessional papers.*

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32. Twelfth Annual Report of the Civil Service Commission of Canada for the year 1920. Presented by Sir Henry Drayton, June 3, 1921.  
*Printed for distribution and sessional papers.*
33. Annual Report of the Department of Public Printing and Stationery for the fiscal year ended March 31, 1920. Presented by Sir Henry Drayton, May 20, 1921.  
*Printed for distribution and sessional papers.*
34. Report of the Secretary of State for External Affairs for the year ending March 31, 1920. Presented by Hon. Mr. Meighen, March 1, 1921.  
*Printed for distribution and sessional papers.*
35. Report of the Superintendent of Penitentiaries for the fiscal year ended March 31, 1920. Presented by Hon. Mr. Doherty, April 13, 1921.  
*Printed for distribution and sessional papers.*
36. Report of the Department of Militia and Defence, Canada, for the fiscal year ending March 31, 1920. Presented by Hon. Mr. Guthrie, February 28, 1921.  
*Printed for distribution and sessional papers.*
37. Report of the Department of Labour for the fiscal year ending March 31, 1920. Presented by Hon. Mr. Meighen, March 18, 1921.  
*Printed for distribution and sessional papers.*
38. Fourth Annual Report of the Editorial Committee on Government Publications, dated March 1, 1921. Presented by Sir George Foster, March 15, 1921.  
*Printed for distribution and sessional papers.*
39. Report of the Department of the Naval Service for the fiscal year ending March 31, 1920. Presented by Hon. Mr. Ballantyne, February 15, 1921.  
*Printed for distribution and sessional papers.*
40. Fifty-third Annual Report of the Fisheries Branch of the Department of the Naval Service, 1919. Not presented.....*Printed for distribution and sessional papers.*
41. Report of the Joint Librarians of Parliament. Presented by Hon. The Speaker, February 14, 1921 ..... *Not printed.*
42. Report of the Chief Electoral Officer, in conformity with Chapter 46, Section 19 of the Dominion Elections Act. Presented by Hon. Mr. Speaker, April 14, 1921.  
*Printed for distribution to Senators and Members.*
- 42a. Copies of Orders in Council Nos. P.C. 1722 and P.C. 1860, approving two tariffs of fees of election officers under section 76 of the Dominion Elections Act. Presented by Sir Henry Drayton, February 22, 1921.  
*Printed for distribution to Senators and Members.*
43. Statement of Governor General's Warrants issued since the last Session of Parliament on account of 1920-21. Presented by Sir Henry Drayton, February 16, 1921.  
*Not printed.*
44. Statement of Expenditure on account of "Miscellaneous Unforeseen Expenses," from the 1st April, 1920, to the 15th February, 1921, in accordance with the Appropriation Act Number (1), 1920. Presented by Sir Henry Drayton, February 16, 1921.  
*Not printed.*
45. Statement of Temporary Loans issued by the Government of Canada since the last Session of Parliament still outstanding. Presented by Sir Henry Drayton, February 16, 1921.  
*Not printed.*
46. Statement of Receipts and Expenditures of the National Battlefields Commission to 31st March, 1920. Presented by Sir Henry Drayton, February 16, 1921.....*Not printed.*
47. Report of the Ottawa Improvement Commission for the fiscal year ended March 31, 1920. Presented by Sir Henry Drayton, February 16, 1921.....*Not printed.*
48. Statement in pursuance of Section 17 of the Civil Service Insurance Act, for the year ending March 31, 1920. Presented by Sir Henry Drayton, February 16, 1921.  
*Not printed.*
49. Statement of the Receipts and Expenditures of the Royal Society of Canada, for the year ended April 30, 1920. Presented by Sir Henry Drayton, February 16, 1921.  
*Not printed.*

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- 50.** Detailed account of endorsements or liabilities under Chapter 70, 10-11 George V, 1920, respecting the Shipbuilding Industry. Presented by Hon. Mr. Tolmie, February 16, 1921 ..... *Not printed.*
- 51.** Statement of Superannuation and Retiring Allowances in the Civil Service in the year ending 31st December, 1920, under Chap. 17, R.S.C., showing name, rank, salary, service allowance and cause of retirement of each person superannuated or retired, also whether the vacancy has been filled by promotion, or by appointment, and the salary of any new appointee. Presented by Sir Henry Drayton, February 17, 1921. .... *Not printed.*
- 51a.** Return to an Order of the House of the 4th April, 1921, for a return showing (a) the number of ex-civil servants now drawing superannuation from the Government and who had contributed for thirty-five years to the superannuation fund, and (b) the amount still remaining in this fund and (c) the amount withdrawn in the years 1918, 1919 and 1920. Presented April 8, 1921. Mr. Stevens ..... *Not printed.*
- 51b.** First Annual Report of the Civil Service Commission on its operations under the Act respecting the Retirement of certain members of the Public Service, as required by Section 7 of Chapter 67, 10-11 George V. Presented by Hon. Mr. Calder, April 11, 1921. .... *Printed for bound sessional papers only.*
- 52.** Regulations for the Canadian Air Force, approved by the Governor in Council under Section 5 of the Air Board Act, 9-10, George V, Chapter 11, on the 31st day of August, 1920. Presented by Hon. Mr. Guthrie, February 28, 1921.....*Not printed.*
- 53.** Financial Statement of the Honorary Advisory Council for Scientific and Industrial Research of Canada, for the year ending March 31, 1920. Presented by Sir George ..... *Not printed.*
- 54.** Report of the Canadian Wheat Board, season of 1920. Presented by Sir George Foster, February 21, 1921. .... *Printed for sessional papers and distribution to Senators and Members.*
- 55.** Regulations under "The Destructive Insect and Pest Act," pursuant to Section 9, Chapter 31 of 9-10 Edward VII. Presented by Sir Henry Drayton, February 22, 1921. .... *Not printed.*
- 56.** Copy of Order in Council P.C. 2609, dated 26th October, 1920, appointing:—The Right Honourable Sir George Eulas Foster, a Member of His Majesty's Most Honourable Privy Council, G.C.M.G., B.A., D.C.L., LL.D., Minister of Trade and Commerce of Canada; The Right Honourable Charles Joseph Doherty, a Member of His Majesty's Most Honourable Privy Council, K.C., D.C.L., LL.D., Minister of Justice of Canada; and The Honourable Newton Wesley Rowell, a Member of the King's Privy Council for Canada, K.C.; to attend as the representatives of Canada at the first meeting of the Assembly of the League of Nations to be held at the Seat of the League in Geneva, Switzerland, on the 15th November, 1920. Presented by Sir George Foster, February 22, 1921.....*Not printed.*
- 56a.** Copy of Resolutions adopted by the Assembly of the League of Nations during its First Session (November 15th to December 18th, 1920). Presented by Hon. Mr. Meighen, February 23, 1921 .....*Not Printed*
- 56b.** Report by the Secretary-General to the First Assembly of the League of Nations on the work of the Council. Presented by Hon. Mr. Meighen, February 23, 1921. .... *Not printed.*
- 57.** Copy of General Rules and Orders of the Exchequer Court of Canada, in accordance with the provisions of Section 88 of the Exchequer Court Act, Chapter 140, R.S.C. 1906. Presented by Sir Henry Drayton, February 24, 1921. ....*Not printed.*
- 57a.** Copy of further General Rules and Orders of the Exchequer Court of Canada, in accordance with the provisions of Section 88 of the Exchequer Court Act, Chapter 140, R.S.C. 1906. Presented by Sir Henry Drayton, May 9, 1921 .....*Not printed.*
- 58.** General Rules and Forms in accordance with Section 66 of The Bankruptcy Act, Chapter 36, 9-10 George V. Presented by Sir Henry Drayton, February 24, 1921. .... *Not printed.*
- 59.** A detailed statement of all bonds or securities registered in the Department of the Secretary of State of Canada, since last return (27th February, 1920), submitted to the Parliament of Canada under Section 32 of Chapter 19, of the Revised Statutes of Canada. Presented by Sir Henry Drayton, February 25, 1921. .... *Not printed.*

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60. Order in Council, P.C. 755, as amended by Order in Council P.C. 879 of April 14, 1920, establishing The Clearing Office and its duties with respect to the settlement of the properties or debts in Canada of German nationals, in pursuance of the provisions of Section 1 of "An Act for carrying into effect the Treaties of Peace between His Majesty and certain other Powers," Chapter 30, George V, 1919. Presented by Sir Henry Drayton, March 1, 1921. . . . . *Not printed.*
61. Statement showing the number of Enfranchisements under the Indian Act, from 1st April, 1920, to 18th February, 1921. Presented by Hon. Mr. Calder, March 1, 1921. . . . . *Not printed.*
62. Return of Orders in Council which have been published in the *Canada Gazette*, between 5th February, 1920, and the 31st December, 1920, in accordance with the provisions of Section 77 of "The Dominion Lands Act," Chapter 20, 7-8, Edward VII. The Senate. . . . . *Not printed.*
63. Return of Orders in Council which have been published in the *Canada Gazette* between the 5th February, 1920, and the 31st December, 1920, in accordance with the provisions of Section 19, of Chapter 10, 1-2 George V,—"The Forest Reserves and Parks Act." The Senate. . . . . *Not printed.*
64. Copies of Orders in Council passed between the 5th February, 1920, and the 31st December, 1920, approving of regulations and forms prescribed in accordance with the provisions of Section 4, Chapter 18, 1917, "Migratory Birds Convention Act." The Senate. . . . . *Not printed.*
65. Copies of General Orders promulgated to the Militia for the period between February 2, 1920, and January 15, 1921. Presented by Hon. Mr. Guthrie, March 8, 1921. . . . . *Not printed.*
66. Copies of all Routine Orders of the Canadian Expeditionary Force promulgated from February 3, 1920, to September 30, 1920. Presented by Hon. Mr. Guthrie, March 8, 1921. . . . . *Not printed.*
67. Additional Regulations made under authority of the Soldier Settlement Act of 1919. The Senate . . . . . *Not printed.*
68. Return showing all lands sold by the Canadian Pacific Railway Company during the year ended 30th September, 1920, together with the names of the purchasers, in accordance with the Statutes of Canada, 1886, Chapter 9, Section 8. Presented by Hon. Mr. Calder, March 4, 1921. . . . . *Not printed.*
69. Return showing the number of permits granted to take intoxicants into the North West Territories, for the year ended the 31st of December, 1920, in accordance with the provisions of the Revised Statutes, Chapter 62, Section 88. Presented by Hon. Mr. Calder, March 4, 1921. . . . . *Not printed.*
70. Third Annual Report of the Historical Documents Publication Board for the year ending March 31, 1920. Presented by Hon. Mr. Calder, March 4, 1921. . . . . *Not printed.*
71. Copy of the Canada-West Indies Trade Agreement, 1920. Presented by Sir George Foster, March 7, 1921. . . . . *Not printed.*
72. Return to an order of the House of the 5th May, 1920, for a copy of a letter sent on January 30, 1920, to the Right Honourable Sir George Foster, acting Prime Minister, by J. T. Ross, Esq., President of the Quebec Board of Trade, concerning the intention of the Government to build in Canada a number of 15,000-ton passenger steamships with a speed of 18 knots for the Canadian service, and a copy of the letter in answer thereto. Presented, March 7, 1921 Mr. Lapointe. . . . . *Not printed.*
73. Return to an Order of the House of the 26th May, 1920, for a Return showing the average prices paid for anthracite coal in Canada in the years 1914, 1915, 1916, 1917, 1918 and 1919. Presented, March 7, 1921. Mr. Archambault . . . . . *Not printed.*
74. Return to an Order of the House of the 17th May, 1920, for a Return showing:—  
 1. Working hours of the Civil Servants in the Inside Service, stenographers, clerks and others.  
 2. Whether these hours are strictly observed.  
 3. What salaries stenographers, clerks and others are receiving. That is, the average generally, also average bonus. Presented March 7, 1921. Mr. Hay. . . . . *Not printed.*

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**CONTENTS OF VOLUME 9—Continued.**

- 75.** Return to an Order of the House of the 17th May, 1920, for a copy of all letters, telegrams, reports, documents and other correspondence between the Post Office Department, the Post Office Inspector at Halifax, and any persons at Vogler's Cove, Nova Scotia, regarding complaints in connection with the manner in which post office matters are conducted at the said Vogler's Cove. Presented March 7, 1921. Mr. Duff. . . . . *Not printed.*
- 76.** Return to an Order of the House of the 26th May, 1920, for a copy of all telegrams, letters and other documents referring to the application for the change in the site of the Scotch Hill post office, Inverness County, N.S. Presented March 7, 1921. Mr. Chisholm . . . . . *Not printed.*
- 77.** Return to an Order of the House of the 4th June, 1919, for a Return showing:—  
 1. The initial cost of the thirty-six drifters known as the "C.D.'s" referred to by the Honourable Minister of Naval Affairs on page 2916 of Unrevised *Hansard*.  
 2. How much was expended in repairing these vessels from date of purchase to November 11, 1918.  
 3. Who, on behalf of the Government, looked after the building of these vessels.  
 4. Who accepted these vessels from the builders.  
 5. Whether he is still in the service. Presented March 7, 1921. Mr. Sinclair. (Antigonish.) . . . . . *Not printed.*
- 78.** Return to an Order of the House of the 5th May, 1920, for a copy of a letter of the Board of Trade of Quebec to the Minister of Marine and Fisheries, dated December 29, 1919, concerning the loss of the Government steamship *Canadian Recruit* and the accident to the Government steamer *Canadian Spinner* and other accidents due to want of ice breakers, and a copy of the letter in answer thereto. Presented March 7, 1921. Mr. Lapointe . . . . . *Not printed.*
- 79.** Return to an Order of the House of the 3rd May, 1920, for a copy of the correspondence between the Department of Public Works and all the officers, employees or other persons concerning the redistribution of the districts in the Public Works Department. Presented March 7, 1921. Mr. Cannon . . . . . *Not printed.*
- 80.** Return to an Order of the House of the 7th March, 1921, for a return showing: 1. Whether the Governor in Council has prohibited the export of gold coin, gold bullion or fine gold bars, from the Dominion of Canada, and if so, whether such prohibition is still in force, and under what authority, and how and when such prohibition was declared, made or published. 2. If the Governor in Council has prohibited the export of gold coin, gold bullion or fine gold bars from the Dominion of Canada, whether such prohibition was absolute, or was such gold coin, gold bullion or fine gold bars, notwithstanding such prohibition as may have been made in respect thereof, still subject to export in certain cases, or by virtue of permits or licenses, secured for such purposes. 3. Whether the Governor in Council, or the Government of the Dominion of Canada, or any minister or official or officer thereof, has issued or granted permits or licenses permitting or authorizing the export of gold coin, gold bullion or fine gold bars from the Dominion of Canada, by any person, bank, company or corporation since the 1st of January, 1918; and if so, to what person or persons, bank or banks, company or companies, corporation or corporations such permits or licenses to export gold coin, gold bullion or fine gold bars were granted or issued since the 1st of January, 1918, and the respective dates of such permits or licenses. 4. To what person, bank, company or corporation each of such permits and licenses was issued or granted, and when, and what amounts of gold coin, gold bullion or fine gold bars were authorized to be exported by each of such permits and licenses; and amount of gold coin, gold bullion or fine gold bars actually exported under each of such permits and licenses. 5. Whether such permits or licenses as may have been issued for the export of gold coin, gold bullion or fine gold bars or the applications therefor specified to what country or countries the gold coin, gold bullion or fine gold bars, thereby authorized to be exported, were to be sent, and if so, what country or countries were so mentioned or specified in each of said permits or licenses, and in each application for such permits or licenses. 6. Whether any charge or charges have been made by the Governor in Council, by the Government of the Dominion of Canada or by any minister, official or officer thereof, for permits or licenses to export gold coin, gold bullion or fine gold bars from the Dominion of Canada, and if so, what charge or charges; and whether the charge or charges so made have depended to any extent, and if so, to what extent, upon the amount of gold coin, gold bullion or fine gold bars that the respective permits or licenses authorized to be exported. Presented March 7, 1921. Mr. Devlin. . . . . *Not printed.*

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81. Copies of Order in Council, as follows:—P.C. 1849, dated 12th August, 1920: Age limits on entry of Petty Officers and Chief Petty Officers for special service—alteration of. P.C. 2137, dated 15th September 1920: Putting into effect of the Naval Discipline (Dominion Naval Forces) Act. P.C. 2328, dated 25th September, 1920: Establishment of "Naval Professor," R.C.N. P.C. 2709, dated 6th November, 1920: Prize Money for Gunnery and Torpedo Work. P.C. 2835, dated 19th November, 1920: Entry of Surgeon Lieutenant, R.C.N. P.C. 2678, dated 3rd December, 1920; Entry of Chief Petty Officers and Petty Officers in the Royal Canadian Navy. P.C. 2911, dated 3rd December, 1920: Establishment of Non-Substantive Ratings in the R.C.N. P.C. 3037, dated 30th December, 1920: Allowance for Captain's Writer. P.C. 28, dated 21st January, 1921: Entry of Instructor Officers, R.C.N. P.C. 238, dated 7th February, 1921; Allowance for Officers appointed as District Intelligence Officers in lieu of a Specialist. P.C. 299, dated 7th February, 1921: Provision for special protective clothing for men engaged on submarine duty. P.C. 239, dated 14th February, 1921: Staff Pay to Headquarters Naval Staff. Presented by Hon. Mr. Ballantyne, March 8, 1921. .... *Not printed.*
- 81a. R. C. Navy. P.C. 1642, May 18, 1921, respecting loan of volunteers from active list. Presented June 4, 1921. .... *Not printed.*
82. Return to an Order of the House of the 29th March, 1920, for a copy of the specifications and plans for the drydock at Vancouver, British Columbia, for which a subsidy is being granted to J. Coughlan & Sons, Limited, along with a copy of the contract between the Government and J. Coughlan & Sons, Limited, for the construction of the said drydock. Presented March 8, 1921. Mr. Archambault. *Not printed.*
- 82a. Return to an Order of the House of the 4th March, 1921, for a copy of the contract given by the Government of Canada to the firm of J. Coughlan & Sons for the construction of a dry dock in Vancouver, together with all the correspondence, tenders contract and all documents relating to the said contract. Presented April 23, 1921. Mr. Archambault ..... *Not printed.*
83. Return to an Order of the House of the 5th May, 1920, for the production of copies of all letters, telegrams, papers and correspondence exchanged between the Department of Justice and others as the case may be in reference to the trial of one Onofrio Montzano held at Murray Bay, district of Saguenay, in 1912, and the trial of the Labrie Brothers held at Sherbrooke, district of St. Francois, and their release from penitentiary on account of irregularities in the proceedings followed at each of these trials, and also copies of all documents contained in the records of the Department of Justice in reference thereto. Presented March 8, 1921. Mr. Casgrain. *Not printed.*
84. Appointments, Promotions and Retirements, Canadian Militia and Canadian Expeditionary Force, from February 5, 1920, to December 9, 1920. Presented by Hon. Mr. Guthrie, March 8, 1921 ..... *Not printed.*
85. Return to an Order of the Senate of the 23rd April, 1920, for a Return showing all moneys expended by the Government up to the present time in connection with the Treaty with Germany, Austria, Czecho-Slovakia, the Serb-Croatian-Slovene State and Bulgaria, stating the vote from which any moneys so far expended have supplied; stating the amount assessed against Canada under Article 6 of the Covenant of the League of Nations as the share of the Dominion of Canada for the purpose of carrying out the terms of the Covenant. The Senate. .... *Not printed.*
86. Return to an Order of the Senate of the 28th May, 1920, for a Return of all plans and reports made by the engineers of the Public Works Department in connection with a survey made of the Saskatchewan river, to determine the possibility of navigation from Lake Winnipeg to Edmonton. The Senate. .... *Not printed.*
87. Return to an Order of the House of the 23rd June, 1920, for a copy of all correspondence, letters, telegrams and reports touching the issuing of permits for the export of sugar, whether with refineries or those acting for them or with purchasers or those acting for them. Presented March 10, 1921. Mr. McMaster. *Not printed.*
88. Return to an Order of the House of the 7th March, 1921, for a Return showing:—1. In what countries commercial agencies have been established by the Federal Government. 2. Names of said agents, their previous address, present address, previous business experience, date of appointment and respective salaries. Presented March 14, 1921. Mr. Duff. .... *Not printed.*

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- 89.** Return to an Order of the House of the 14th March, 1921, for a Return showing:  
 1. Number of non-commissioned officers in the Dominion Police at the time of the amalgamation with the Mounted Police. 2. Number of said officers in "A" Division at the present time. 3. Whether it is true that all non-commissioned officers of the Dominion Police were placed junior on the Seniority List to non-commissioned officers in the Mounted Police irrespective of years of service; and whether it is further true that a Dominion Police Sergeant with 6 years' service as such, was, upon amalgamation, placed junior to a non-commissioned officer of the Mounted Police with only a few months' service as such. 4. At the time of the amalgamation of the two forces whether three inspectors of the Dominion Police were reduced to sergeants. If so, why. 5. Number of non-commissioned officers of the Mounted Police promoted to inspectors at the time or subsequent to, the date of the amalgamation. Presented March 14, 1921. Mr. Cahill.  
*Not printed.*
- 89a.** Return to an Order of the House of the 14th March, 1921, for a Return showing:  
 1. Cost of the Dominion Police Force during 1919, less the Finger Print and Ticket of Leave sections. 2. Strength of the Dominion Police at the time of their amalgamation with the Mounted Police. 3. Strength of "A" division at the present time, and if there has been an increase in numbers, what the necessity is for such increase. 4. Cost of "A" division for the first 12 months after the amalgamation with the Dominion Force, and if there was an increase in cost, what the reason is for such increase. 5. How many Government buildings, etc., were given police protection at the time the forces were amalgamated. 6. How many Government buildings are given police protection at the present time. Presented March 14, 1921. Mr. Cahill. .... *Not printed.*
- 89b.** Return to an Order of the House of the 14th March, 1921, for a Return showing:  
 1. Whether the members of the Royal Mounted Police receive a share of any fines imposed for infractions of any Dominion Act or other Act. 2. If so, what proportion of such fines they receive. 3. Names of the members of the Royal Canadian Mounted Police who have been paid a share of such fines during the past twelve months and amount paid to each. Presented March 14, 1921. Mr. Cahill.  
*Not printed.*
- 89c.** Return to an Order of the House of the 14th March, 1921, for a Return showing:  
 1. Before their amalgamation with the new Mounted Police Force number of trips per day made by the Dominion Police to the Departmental buildings in connection with the police mail. 2. Number of trips per day made for the same purpose by the members of the present Mounted Police Force. 3. Whether the Dominion Police performed the duties mentioned on foot. 4. Whether the Mounted Police perform the same duties on motor cycles, or by other vehicles. 5. Whether the services in question were performed for a period of about 30 years by the Dominion Police. 6. If so, why the number of trips per day has been decreased in the case of the Mounted Police. Presented March 14, 1921. Mr. Cahill.  
*Not printed.*
- 89d.** Return to an Order of the House of the 14th March, 1921, for a Return showing:  
 1. Names of the Staff Officers in the Royal Canadian Mounted Police according to seniority. 2. Whether they all draw staff pay. If so, how much each draws. 3. If all do not draw staff pay, names of those who receive it, and why an exception is made. 4. In addition to detectives, whether there are a superintendent and uniformed men in Montreal and Toronto. 5. If so, what the necessity is for maintaining these members of the Mounted Police in the cities mentioned. 6. In addition to salaries, whether the superintendents have their house rent paid, and whether they receive free coal, light, etc. 7. If so, whether the men are similarly treated, and if not, why. 8. Whether "N" Division of the Mounted Police is located at Ottawa. 9. If so, what duties other than drilling as cavalry "N" Division performs. 10. Whether it would not be in the best interest, and conducive to a large saving in public expenditure, if the Mounted Police were absorbed by the Royal Canadian Dragoons. 11. Whether there is any practical objection to their being so absorbed. If so, what the objection is. Presented March 14, 1921. Mr. Cahill.  
*Not printed.*
- 89e.** Return to an Order of the House of the 14th March, 1921, for a Return showing:  
 1. Whether it is true that one automobile sufficed for the purposes of the Dominion Police before their amalgamation with the Mounted Police. 2. Whether it is correct that "A" Division of the Mounted Police have been using two automobiles, one motor truck and two motor cycles, and that five chauffeurs are employed, who do no other work than drive cars. 3. Whether any members of the Mounted Police have been imprisoned in the County of Carleton jail since the amalgamation with the Dominion Police. 4. If so, what the offence and sentence in each case was, and by whom the trial was held and sentence pronounced. 5. Whether

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the Government pay for the maintenance of such men as were imprisoned in the County of Carleton Jail, and if not, why not. 6. Whether there is at the present time in one of the buildings owned by the Government in the City of Ottawa a cell or place of detention in which members of the Mounted Police may be confined. If so, where it is located. 7. Whether any member of the Mounted Police has been confined in such cell or place of detention, and for what offence. 8. By whom the offender so confined was tried, and what sentence was pronounced. 9. Whether a superintendent of the Mounted Police fined two boys for breaking windows at the Ottawa Experimental Farm last summer. 10. If so, what the amount of the fines, and whether the superintendent paid over the money received for such fines, and if so, to whom payment was made. Presented March 14, 1921. Mr. Cahill.

*Not printed.*

90. Proceedings of the International Financial Conference held at Brussels in 1920: Volume I—Report of the Conference. Volume II—Verbatim Record of the Debates. Volume III—Statements on the financial Situation of the Countries represented at the Conference. Volume IV—Public Finance. Presented by Sir Henry Drayton, March 16, 1921. *Not printed.*
91. Supplementary Report of a Committee of experts, dated January, 1921, appointed by Order in Council dated 20th November, 1918, on the recommendation of the Civil Service Commission, to investigate and report upon conditions in the Department of Public Printing and Stationery. Presented by Sir George Foster, March 17, 1921. *Not printed.*
92. Report by Arthur Young and Company, dated 6th December, 1920, respecting Reorganization of the Department of Public Printing and Stationery. Presented by Sir George Foster, March 17, 1921. *Not printed.*
93. Detailed Statement of Remissions of Customs Duties and the Refund thereof, under Section 92, Consolidated Revenue and Audit Act, through the Department of Customs, for the fiscal year ended 31st March, 1920. Presented by Sir Henry Drayton, March 22, 1921. *Not printed.*
94. Return to an Order of the House, of the 21st March, 1921, for a copy of all letters, telegrams and other correspondence between the Dominion Government or any member thereof and the Government of Ontario or any member thereof, regarding Bill No. 23 (Letter D of the Senate), intituled: "An Act respecting the Lake of the Woods Control Board," or the subject matter thereof. Presented March 22, 1921. Mr. Molloy. *Not printed.*
- 94a. Further correspondence between the Government of Canada and the Provincial Governments of Manitoba and Ontario, respecting the control of the waters of the Lake of the Woods. Presented by Hon. Mr. Meighen, May 27, 1921. *Not printed.*
- 94b. Copy of further telegrams between the Prime Minister of Canada and the Premier of Ontario respecting the control of the waters of the Lake of the Woods. Presented by Hon. Mr. Meighen, May 31, 1921. *Not printed.*
95. Return to an Order of the House of March 9, 1921, for a copy of all letters, papers and other documents leading up to the passing of the Order in Council, dated the 6th day of September, 1919 (P.C. 1860), whereby authority was given (a) For the withdrawal from disposal, under the provisions of the Quartz Mining Regulations, of the available Sodium Chlorid (common salt) Rights in Township 88, Ranges 7 and 8, and Township 89, Ranges 8 and 9, West of the 4th, to admit of prospecting operations for the discovery of that mineral being conducted in the interests of the Province of Alberta. (b) For the withdrawal from disposal of the Gypsum Mining Rights under the said property. Presented March 23, 1921. Mr. Mackie (Edmonton). *Not printed.*
96. Return to an Order of the House of the 8th March, 1921, for a copy (a) of the report made by Mr. S. C. Ells, an officer of the Department of Mines, to the Department of the Interior, touching the Tar Sands in the Province of Alberta, as related in an Order in Council, P.C. 1495, and dated the 3rd day of July, 1920; (b) of all letters, papers and documents of whatsoever nature they may be, leading up to the passing of the said Order in Council. Presented March 23, 1921. Mr. Mackie (Edmonton). *Not printed.*
97. Return to an Order of the House of the 23rd March, 1921, for a Return showing: 1. Who are the medical officers employed at the head office of the Board of Pension Commissioners at Ottawa. 2. Their names and the medical experience of each. 3. How many of these medical advisers have completed their uni-



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- versity course, and (a) Their names; (b) How many have obtained their diplomas permitting them to practice; (c) Whether any among them have obtained their license to practice in recognition of their war service. 4. The military record of each of these officers. 5. The salary of each. 6. Their respective duties. 7. Whether these medical advisers have the medical experience sufficient to decide on technical questions for the Board of Pension Commissioners and whether they are well qualified to change the decision of local medical officers. 8. Whether the Commissioners are obliged to concur in the decision of their medical officers. 9. If not, why. Presented March 23, 1921. Mr. Cannon.....*Not printed.*
- 98.** Copy of Trade Agreement between France and Canada, signed at Paris, the 29th day of January, 1921. Presented by Hon. Mr. Meighen, March 29, 1921.  
*Printed for distribution to Senators and Members.*
- 98a.** Correspondence relating to the Franco-Canadian Commercial Agreement, 1921. Presented by Sir George Foster, April 15, 1921.  
*Not printed.*
- 99.** Return to an Order of the House of the 16th March, 1921, for a Return showing: 1. The names of the employees of the Money-Order Branch in the following Post Offices (Head Offices): Hamilton, London, Ottawa, Montreal, Quebec, St. John, N.B., and Halifax, N.S. 2. The rank, according to the new classification, of each one of said employees, and their present salary. 3. The number of years of service of said employees. 4. The annual actual revenue of each one of the above mentioned Post Offices. 5. Who the employees are in charge of said Branch in each one of said offices. 6. Who the officials are in charge of the registration Branch in the main post offices of the above mentioned cities, the rank and salary of each one of them. Presented March 29, 1921. Mr. Parent.....*Not printed.*
- 100.** Return to an Order of the Senate of the 29th March, 1921, for a Return showing: 1. When the Griffenhagen Company was engaged to reorganize the various departments of the Government services. 2. How much has been paid to them up to December 31, 1920—(a) for salary, (b) for travelling expenses, and (c) for maintenance. 3. What members of the Civil Service have been assisting the Griffenhagen Company. What amount has been paid them while engaged in this work—(a) for salary, (b) for travelling expenses, (c) for maintenance. 4. What amount, if any, is due and unpaid to Griffenhagen Company, and the officials assisting them up to December 31, 1920. 5. Whether the contract with Griffenhagen Company has been cancelled. 6. If not, is it going to be cancelled, and when. 7. What departments have they reorganized. 8. Has their work been as unsatisfactory as the work of their predecessors, Messrs. Young and Company. The Senate.  
*Not printed.*
- 101.** Return to an Order of the Senate of the 29th March, 1921, for a Return showing: All papers, documents and correspondence passed between the Canadian Government and the British Government, or between any Minister, member or official of the Canadian Government and any member or official of the British Admiralty or between any persons or officials thereof, since 1909, giving details and particulars as regards the negotiations on naval affairs leading up to the agreement which was arrived at after the Imperial Conference of 1911, as to the movement of vessels outside the three-mile limit and the establishment of naval stations for the ships transferred to or purchased for the Canadian Naval Service; also, copies of regulations governing the movement of vessels of the Canadian Navy at the present time. The Senate ..... *Not printed.*
- 102.** Copy of Order in Council, P.C. 856, dated 21st March, 1921, placing the control and supervision of the Office of the High Commissioner for Canada in London under the Secretary of State for External Affairs. Presented by Hon. Mr. Meighen, March 30, 1921. .... *Not printed.*
- 103.** Return to an Order of the House of the 4th March, 1921, for a Return showing:—1. Who were Deputy Ministers in the several departments of the Government, on January 1, 1910. 2. Who were they on January 1, 1921. 3. Who were heads of branches in the various departments of the Dominion Government in 1910. 4. Who were they on the 1st of January, 1921. Presented March 30, 1921. Mr. Vien.  
*Not printed.*
- 104.** Return to an Order of the House of the 7th March, 1921, for a Return showing:—1. Total number of employees in the Civil Service in the year 1913. 2. Total number of employees in the Civil Service in the year 1920. Presented March 30, 1921. Mr. McGibbon .....*Not printed.*

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**CONTENTS OF VOLUME 9—Continued.**

- 105.** Return to an Order of the House of the 4th March, 1921, for a Return showing:—  
1. How many commissions the Government has created since 1911. 2. Names of the said commissions. 3. Names of the present commissioners in the various commissions and their respective salaries. Presented March 30, 1921. Mr. Deslauriers.  
*Not printed.*
- 106.** Return to an Order of the House of the 30th March, 1921, for a Return showing: 1. When the 18,000 box cars ordered for the Canadian National Railways were ordered. 2. If ordered at different dates, what year and month the orders were placed. 3. Names of firms building same. 4. Whether tenders were called or are they being built on order. 5. If built on basis of cost plus percentage, what percentage or profit is allowed. 6. Cost of 1,000 box cars. 7. How many cars have been delivered, and on what dates. 8. How many new cars were put in grain carrying trade west of Fort William. 9. Maximum grain carrying capacity of said cars. 10. Whether the said cars are fitted with hopper bottoms for speedy unloading at terminals. 11. Whether the 18,000 box cars above mentioned are in addition to cars which were added to replace broken or worn out box cars. Presented March 23, 1921. Mr. Reid (Mackenzie). . . . . *Not printed.*
- 107.** Return to an Address to His Excellency the Governor General, of the 10th March, 1921, for a copy of the Order in Council of July 9, 1920, appointing the Honourable Sir Thomas White as an arbitrator to value the stock of the Grand Trunk Railway Company, any subsequent Orders in Council having reference to this matter, and for all correspondence between the Government and the Honourable Sir Thomas White respecting such appointment. Presented April 4, 1921. . . . . *Not printed.*
- 108.** Copy of Orders in Council P.C., 279, dated 5th February, 1921, and P.C. 999, dated 23rd March, 1921, in respect to the appointment and salary of a manager for the Parliamentary Restaurant. Presented by Hon. The Speaker, April 4, 1921.  
*Not printed.*
- 109.** Return to an Order of the House of the 23rd March, 1921, for a copy of all letters and correspondence exchanged between professors or officials of Acadia University and the Department of Mines, since February 1, 1920, to date, relative to the employment of students of the said University by the said Department during the summer months. Presented April 5, 1921. Mr. Douglas (Cape Breton). . . . . *Not printed*
- 110.** Return to an Order of the House of the 8th March, 1921, for a copy of all letters, papers, documents and agreements leading up to the passing of the Order in Council, dated the 8th day of July, 1920 (P.C. 1547), whereby General William Bethune Lindsay, M.L.E.C., secured the right to a nineteen hundred and twenty acre lease of Tar Sands in the Province of Alberta. Presented April 5, 1921. Mr. Mackie (Edmonton) . . . . . *Not printed.*
- 111.** Return to an Order of the House of the 10th March, 1921, for a copy of all correspondence, reports and memoranda in the hands of the Civil Service Commission of Canada regarding the dismissal of Alfred St. Laurent from the stationery branch of the Department of Public Printing and Stationery at Ottawa. Presented April 5, 1921, Mr. Fripp. . . . . *Not printed.*
- 112.** Return to an Order of the House of the 14th March, 1921, for a Return showing:—  
1. How many returned soldiers have purchased farms through the Soldiers' Settlement Board in the County of Drummond-Arthabaska. 2. Average price paid for the said farms. 3. Whether any of the said farms have been abandoned. 4. If so, what disposition the Government has made of the said farms. 5. Whether any loss has been incurred. If so, what the net loss has been to the Government in connection therewith. Presented April 5, 1921. Mr. Tobin. . . . . *Not printed*
- 113.** Return to an Order of the House of the 14th March, 1921, for a Return showing:—  
1. How many returned soldiers have purchased farms through the Soldiers' Settlement Board in the County of Shefford. 2. Average price paid for the said farms. 3. Whether any of the said farms have been abandoned. 4. If so, what disposition the Government has made of the said farms. 5. Whether any loss has been incurred. If so, what the net loss has been to the Government in connection therewith. Presented, April 5, 1921. Mr. Tobin . . . . . *Not printed.*
- 114.** Return to an Order of the House of the 14th March, 1921, for a Return showing:—  
1. How many returned soldiers have purchased farms through the Soldiers' Settlement Board in the County of Richmond and Wolfe. 2. Average price paid for the said farms. 3. Whether any of the said farms have been abandoned. 4. If so, what disposition the Government has made of the said farms. 5. Whether any loss has been incurred. If so, what the net loss has been to the Government in connection therewith. Presented April 5, 1921. Mr. Tobin. . . . . *Not printed.*

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**CONTENTS OF VOLUME 9—Continued.**

- 115.** Return to an Order of the House of the 14th March, 1921, for a Return showing:—  
 1. How many returned soldiers have purchased farms through the Soldiers' Settlement Board in the County of Compton. 2. Average price paid for the said farms. 3. Whether any of the said farms have been abandoned. 4. If so, what disposition the Government has made of the said farms. 5. Whether any loss has been incurred. If so, what the net loss has been to the Government in connection therewith. Presented April 5, 1921. Mr. Tobin. . . . . *Not printed.*
- 116.** Return to an Order of the House of the 14th March, 1921, for a Return showing:—  
 1. How many returned soldiers have purchased farms through the Soldiers' Settlement Board in the County of Brome. 2. Average price paid for the said farms. 3. Whether any of the said farms have been abandoned. 4. If so, what disposition the Government has made of the said farms. 5. Whether any loss has been incurred. If so, what the net loss has been to the Government in connection therewith. Presented April 5, 1921. Mr. Tobin. . . . . *Not printed.*
- 117.** Return to an Order of the House of the 14th March, 1921, for a Return showing:—  
 1. How many returned soldiers have purchased farms through the Soldiers' Settlement Board in the County of Missisquoi. 2. Average price paid for the said farms. 3. Whether any of the said farms have been abandoned. 4. If so, what disposition the Government has made of the said farms. 5. Whether any loss has been incurred. If so, what the net loss has been to the Government in connection therewith. Presented, April 5, 1921. Mr. Tobin . . . . . *Not printed.*
- 118.** Return to an Order of the House of the 14th March, 1921, for a Return showing:—  
 1. How many returned soldiers have purchased farms through the Soldiers' Settlement Board in the County of Stanstead. 2. Average price paid for the said farms. 3. Whether any of the said farms have been abandoned. 4. If so, what disposition the Government has made of the said farms. 5. Whether any loss has been incurred. If so, what the net loss has been to the Government in connection therewith. Presented, April 5, 1921. Mr. Tobin. . . . . *Not printed.*
- 119.** Return to an Order of the House of the 7th April, 1920, for a Return showing:—  
 1. What blue-books were published in 1919. 2. What public documents were published in both languages in 1919. 3. What public documents were published in one language only, and in what language they were published. Presented April 5, 1921. Mr. Demers . . . . . *Not printed.*
- 120.** Return to an Order of the House of the 23rd March, 1921, for a Return showing:—  
 1. The number of cars, locomotives and rolling stock generally, ordered by the Government during the calendar years 1918, 1919 and 1920. 2. The value of these orders. 3. From whom this equipment was purchased, and the value of each contract. Presented April 5, 1921. Mr. Wright . . . . . *Not printed.*
- 121.** Copy of correspondence between the Government of Canada and the Grand Trunk Railway Company relative to the question of the extension of time for Arbitration proceedings, and matters incident thereto, to date of April 3, 1921. Presented by Hon. Mr. Meighen, April 6, 1921. . . . . *Not printed.*
- 121a.** Subsequent Correspondence between the Government of Canada and the Grand Trunk Railway Company relating to the Arbitration proceedings, and copy of draft agreement in connection therewith. Presented by Hon. Mr. Meighen, May 21, 1921. . . . . *Not printed.*
- 122.** Return to an Order of the House of the 14th March 1921, for a Return showing:—  
 1. Total number of pounds of butter exported outside of Canada, year by year, since 1910. 2. Value, year by year, of the exportation since 1910. 3. Total number of pounds of cheese exported outside of Canada, year by year, since 1910. 4. Value, year by year, of such exportation since 1910. 5. To what countries our cheese and butter were exported, year by year, during said years, specifying the amount and value of each. 6. Quantities of butter imported from various countries since 1910. 7. From what countries and what amount from each of them. 8. Quantities of cheese imported from the various countries since 1910. 9. From what countries and what amount from each of them. 10. Under what brands or names our cheese and butter are sold abroad. 11. Brands or names of butter and cheese we import from abroad. 12. Quantity in pounds of margarine and its value in cash, or any other substitute to butter, manufactured in the country since 1916, year by year. 13. Quantity in pounds and value of such substitutes imported into Canada, year by year, since 1916. 14. Whether the inobservance of the law regarding the process of manufacture and the sale of such substitutes, produced in Canada or purchased abroad, has been the object of several actions. 15. If so, the number of same. Presented, April 6, 1921. Mr. Boyer. . . . . *Not printed.*

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 CONTENTS OF VOLUME 9—*Continued.*

- 123.** Return to an Order of the House of the 4th March, 1921, for a Return showing:—  
 1. Number of bonded liquor warehouse licenses granted to the Province of Alberta by the present Government since 1917. 2. To whom such licenses were granted. 3. On whose recommendation. Presented April 6, 1921. Mr. Mackie (Edmonton).  
*Not printed.*
- 124.** Return to an Order of the House of the 7th March, 1921, for a Return showing:—  
 1. Number of bushels of Canadian grain carried from Winnipeg eastwards during 1919 and 1920. 2. Quantity of Canadian grown grain exported abroad and shipped through Canadian ports, from what ports and what quantity in each case, during 1919 and 1920. 3. Quantity of Canadian grown grain exported through American ports during 1919 and 1920, from what ports and what quantity through each port. 4. Quantity of Canadian grown grain carried from the West to the East during 1919 and 1920—(a) by the C.P.R. (b) by the G.T.R. (c) by the Government Railways. 5. Rate now prevailing on the transportation of grain in Canada (a) on the Government Railways, (b) on the various other railways. Presented April 6, 1921. Mr. Vien ..... *Not printed.*
- 125.** Return to an Order of the House of the 22nd March, 1920, for a Return showing:—  
 1. What the different classes of the Grand Trunk Railway Company's Stock were quoted at in January, 1918, as regards, First Preference Stock five per cent; Second Preference Stock five per cent; Third Preference Stock four per cent; Ordinary or Common Stock: Five per cent Grand Trunk Debenture Stocks; Five per cent Great Western Debenture Stocks; Four per cent Grand Trunk Debenture Stocks; Four per cent Northern Debenture Stocks. 2. What the same stocks were quoted at in January, 1919, and January, 1920. 3. Whether any of the stock of the Grand Trunk Railway Company has been sold or changed hands since January, 1918. 4. If so, who the purchasers of it were, what the date of purchase or transfer, and the price paid. 5. Whether any member of the present Government ever held any of the stock of the Grand Trunk Railway Company, either personally or by proxy through any other person. 6. If so, the names of said members, what amount of stock was so acquired, on what date and on what terms. Presented April 7, 1921. Mr. Caldwell.  
*Not printed.*
- 126.** Return to an Order of the House of the 17th March, 1921, for a Return showing:—  
 1. Whether suction dredge *Tornado* was employed in dredging in Courtney Bay or St. John Harbour, N.B., during the year 1920. 2. Who is the owner. 3. Where the dredge was built. 4. What date she arrived at St. John. 5. What port she sailed from. 6. What the total expenditure was to December 31, 1920, in connection with the work done by this dredge. 7. Whether certain pontoons were lost at the time that said dredge was brought to St. John. 8. If the same were recovered. 9. Where the dredge *Tornado* is now. Presented April 7, 1921. Mr. Sinclair (Antigonish and Guysboro') ..... *Not printed.*
- 127.** Return to an Order of the House of the 30th March, 1921, for a Return showing:—  
 1. Amount of money expended by the Dominion Government in each Province in the Dominion, for road building purposes during the year 1920. 2. Amount of money expended by the Dominion Government, in each Province, for Technical Education under the Agricultural Instruction Act in the year 1920. 3. Amount of money expended by the Dominion Government to assist agricultural fairs held in each Province in 1920. 4. Amount of money expended by the Dominion Government in the year 1920 in the various Provinces in operating a selling organization for the purpose of disposing of live stock, etc. 5. Total amount expended by the Dominion Government in 1920 towards assisting and developing agriculture. 6. Total amount expended in the year 1911 by the Dominion Government towards assisting and developing agriculture. 7. Amount of money expended by the Dominion Government in the year 1920 in connection with the Housing Act in the respective Provinces. Presented April 8, 1921. Mr. Armstrong (Lambton)..... *Not printed.*
- 128.** Return to an Order of the House of the 14th March, 1921, for a copy of all correspondence, telegrams, and other documents, relative to the resignation of Mr. John Sheridan, Indian Superintendent for the North Shore district, in the Province of New Brunswick, in 1920. Also copy of all correspondence, telegrams and other documents relative to his reappointment to the said position. Presented April 8, 1921. Mr. Leger ..... *Not printed.*
- 129.** Return to an Order of the House of the 17th March, 1921, for a Return showing:—  
 1. What amounts were appropriated for the National Gallery of Canada from April 1, 1916, to April 1, 1921. 2. How these appropriations were expended. 3. Who is in charge of the National Gallery, when appointed, at what salary and present salary.

CONTENTS OF VOLUME 9—*Continued.*

4. How many officials are on the staff at the Gallery, their names, dates of appointment and respective salaries. 5. What officials of the Gallery staff have been drawing their salaries while the Gallery has been closed and at what work they were employed. 6. When and why the National Gallery was closed, and when it will be reopened. Presented April 11, 1921. Mr. Edwards.....*Not printed*
- 130.** Return to an Order of the House of the 5th May, 1920, for a Return showing:—1. Totals of credits advanced by the Canadian Government to (a) Great Britain, (b) the Allied Powers, before the armistice. 2. Of these totals what proportions were used respectively for the purchase of (a) agricultural products; (b) manufactured goods. 3. Total of credits advanced by the Canadian Government to (a) Great Britain, (b) the Allied Powers, after the armistice. 4. Of these totals what proportions were used respectively for the purchase of (a) agricultural products; (b) manufactured goods. Presented April 11, 1921. Mr. Reid (Mackenzie).....*Not printed*
- 131.** Return to an Order of the House of the 4th April, 1921, for a copy of all reports, orders, telegrams, certificates of valuation, or any other correspondence relating to or connected with the slaughter of 245 hogs, the property of one George B. Alderson, by officers of the Department of Agriculture on or about the 20th day of April, 1920, and for which compensation has been refused by the Minister. Presented April 11, 1921. Mr. Sutherland.....*Not printed*
- 131a.** Copy of Report of Inspector made under the Animal Contagious Diseases Act, 1903, R.S.C. 1906, re slaughter of hogs owned by George Alderson, Humber Bay, Ont. Presented May 21, 1921. Mr. Sutherland.....*Not printed*
- 132.** Copies of Orders in Council, P.C. 2010 and 2039, establishing regulations under the provisions of the Proprietary or Patent Medicine Act. Presented by Hon. Mr. Calder, April 14, 1921.....*Not printed*
- 133.** Return to an Order of the House of the 7th April, 1921, for a Return showing:—1. How many employees the Government has in the British Isles. 2. Number of departments maintained. 3. How many employees the Government has in the United States. 4. Number of departments maintained Presented April 13, 1921. Mr. Wright.  
*Not printed.*
- 134.** Return to an Order of the House of the 7th March, 1921, for a Return showing:—1. In regard to the Federal Civil Service what is understood to be comprised by the words (a) Inside Service; (b) Outside Service. 2. Number of employees at present in the (a) Inside Service; (b) Outside Service. Presented April 14, 1921. Mr. Edwards.....*Not printed.*
- 135.** Return to an Order of the House of the 7th April, 1921, for a Return showing:—1. Total number of persons in the employ of the Dominion Government, including both the inside and outside service, but not including the Canadian National Railways. 2. Number of persons in the employ of the Canadian National Railways Presented April 15, 1921. Mr. Reid (Mackenzie).....*Not printed.*
- 136.** Return to an humble Address of the Senate to His Excellency the Governor General, dated March 30, 1921, of:—All correspondence exchanged between the Imperial Government and the Government of Canada in connection with the representation of this country, either in the British Parliament or in any council; its participation in the administration of the British Empire, its contribution to the wars of the Empire and to the establishment of a British or Canadian Navy. The Senate....*Not printed.*
- 137.** Report of the Air Board, for the year 1920. The Senate.....*Not printed.*
- 138.** Copy of Proceedings of the Canada-West Indies Conference, 1920. Presented by Sir George Foster, April 18, 1921.....*Not printed.*
- 139.** Return to an Order of the House of the 6th April, 1921, for a Return showing:—1. Whether the Young Men's Christian Association associated with the Canadian Expeditionary Force in the great war submitted to the Government a statement of accounts showing all moneys received and expended by that body both by way of contribution from people in Canada and arising out of sales to Canadian troops. 2. If so, whether the Government will lay same upon the table of the House. 3. If not, whether it is the intention of the Government to procure and distribute such a statement. Presented April 18, 1921. Mr. Griesbach.....*Not printed.*

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**CONTENTS OF VOLUME 9—Continued.**

- 140.** Return to an Order of the House of the 9th March, 1921, for a Return showing:—  
1. Number of Soldiers' Hospitals in Canada at present. 2. Number of patients in each hospital. 3. What staff each hospital carries. 4. Total expenditure on these Military Hospitals. 5. Whether any of the said hospitals have been closed recently. 6. Number of soldier patients transferred from military to general or civic hospitals throughout the country. 7. Staff maintained at Ottawa for the inspection and general direction of these Military Hospitals. 8. Names and respective salaries of the members of said staff. 9. Whether any efforts have been made to save money by having soldier patients attended by local doctors. Presented April 18, 1921. Mr. Proulx.  
*Not printed.*
- 141.** Return to an Order of the House of the 4th April, 1921, for a copy of the special papers and correspondence concerning the application to the Board of Pension Commissioners of Mrs. Brunelle, widowed mother of the late Sergeant Major N. Brunelle, No. 62068, for a pension. Presented April 18, 1921. Mr. Lemieux.....*Not printed.*
- 142.** Return to an Order of the House of the 8th March, 1921, for a copy of all correspondence in connection with the employment and resignation of M. Abel Guibeau, engineer on board the *Canadian Traveller*, in 1919, and on the *Canadian Sower* in 1919-1920. Presented April 18, 1921. Mr. Rinfret.....*Not printed.*
- 143.** Copy of Order in Council, P.C. 1270, dated 12th April, 1921, appointing the Honourable James Duncan Hyndman, Judge of the Supreme Court of Alberta, William D. Staples, Fort William, Ont., J. H. Haslam, Regina, Sask., and Lincoln Goldie, Guelph, Ont., commissioners to inquire into and report upon the subject of handling and marketing of grain in Canada. Presented by Sir George Foster, April 19, 1921.....*Not printed*
- 144.** Reports of Ministers of Justice, approved by the Governor in Council, upon Provincial Legislation from 1896 to date. Presented by Hon. Mr. Doherty, April 21, 1921.  
*Printed for distribution, in bound form.*
- 145.** Return to an Order of the House of the 26th April, 1920, for the production of copies of all correspondence, reports and documents exchanged between the Government and those in charge of the shipyard at Sorel, or any other person, in relation to the payment of a bonus to the employees of said shipyard, and the interruption or cessation of same. Presented April 21, 1921. Mr. Cardin.....*Not printed.*
- 146.** Return to an Order of the House of the 13th April, 1921, for a Return showing:—  
1. Whether the Government operated a telegraph line in Northern British Columbia prior to the taking over of the Great North Western Telegraph Company's line in connection with the Grand Trunk Pacific Railway and Canadian Northern Railway. 2. Whether the Government is still operating both telegraph lines, namely, the old Government line and the Great North Western Telegraph line. 3. Why the Government is continuing to operate two telegraph offices in Hazelton, New Hamilton, Smithers, Telkwa and some other points along the Grand Trunk Pacific. 4. Whether the business warrants the maintaining of two separate telegraph offices in the towns mentioned. Presented April 21, 1921. Mr. Reid (Mackenzie).....*Not printed.*
- 147.** Return to an Order of the House of the 11th April, 1921, for a copy of telegrams, correspondence, petitions or other documents exchanged between the Government of Prince Edward Island and the Federal Government relative to the taking over and operating of the Dalton Sanatorium by the Federal Government and the handing back of the same to the Government of Prince Edward Island. Presented April 21, 1921. Mr. Sinclair (Queen's, P.E.I.).....*Not printed.*
- 148.** Return to an Order of the House of the 21st April, 1921, for a Return showing:—  
1. Number of persons per mile of railway in operation in Canada in 1896, 1911 and 1914. 2. Number of persons per mile of railway in operation in each of the nine provinces (Alberta and Saskatchewan as now bounded), giving the mileage in each of the provinces in 1896, 1911 and 1914. Presented April 21, 1921. Mr. Casgrain.  
*Not printed.*
- 149.** Return to an Order of the House of the 21st April, 1921, for a Return showing:—  
Names, occupation and residence of the persons who have applied for the position of superintendent of the Government shipyards at Sorel. Presented April 21, 1921. Mr. Cardin .....*Not printed.*
- 150.** Copies of Orders in Council P.C. 2483, dated 23rd October, 1920, and P.C. 2652, dated 1st November, 1920, in respect to changes in the organization of the Law Branch of the House. Presented by Hon. The Speaker, April 22, 1921.....*Not printed.*
- 151.** Return to an Order of the House of the 30th March, 1921, for a statement showing the names of the examining officials of the Customs Department, Toronto, and the respective salaries of each of said officials. Presented April 25, 1921. Mr. Archambault.  
*Not printed.*

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- 152.** Sixth Annual Report of the Board of Directors of the Canadian Northern Railway System, for the year ended December 31, 1920. Presented by Hon. Mr. Reid, April 26, 1921.....*Not printed.*
- 153.** Return to an Order of the Senate of the 26th April, 1921, for an Order showing:— The amount actually paid or due for wages for the first 20 of the most highly paid men on the Canadian National Railways in the following classes:—(1) engineers; (2) firemen; (3) trainmen; (4) local firemen; (5) yard foremen; (6) yard helpers. Give the amount per month in each case starting from July 1, 1920, up to January 1, 1921, and the total for the six months in each case. The Senate.....*Not printed.*
- 154.** Return to an Order of the House of the 4th April, 1921, for a copy of all correspondence between the Government and the Board of Trade and City Council and Harbour Commission of Quebec, since the session of 1917, with regard to the diversion of the Northwestern grain trade to New York, the alleged non-fulfilment by the Government of its undertakings with regard to the terminals of the Transcontinental Railway at Quebec, and of the Memorials addressed to the Prime Minister on these subjects. Presented April 27, 1921. Mr. Lavigueur.....*Not printed.*
- 154a.** Supplementary Return to an Order of the House of the 4th April, 1921, for a copy of all correspondence between the Government and the Board of Trade and City Council and Harbour Commission of Quebec, since the session of 1917, with regard to the diversion of the Northwestern grain trade to New York, the alleged non-fulfilment by the Government of its undertakings with regard to the terminals of the Transcontinental Railway at Quebec, and of the Memorials addressed to the Prime Minister on these subjects. Presented May 18, 1921. Mr. Lavigueur.....*Not printed.*
- 155.** Return to an Order of the House of the 25th April, 1921, for a Return showing the number of returned soldiers who have purchased farms through the Soldiers' Settlement Board in the County of Bonaventure, the average price paid for said farms, the number of said farms which have been abandoned and the disposition made by the Government of the said farms, the loss incurred, if any, and the names of the soldiers who have settled in the said county, showing the respective localities. Presented April 28, 1921. Mr. Marcell (Bonaventure.).....*Not printed.*
- 156.** Return to an Order of the House of the 19th May, 1920, for a Return showing:— 1. Number of persons employed in the Finance Department in Ottawa. 2. Their names and salaries. Presented April 28, 1921. Mr. Hocken.....*Not printed.*
- 157.** Return to an Order of the House of the 11th April, 1921, for a Return showing:— 1. Number of officials now employed by the Canadian National Railway system in the traffic and operating departments. 2. Number of officials employed by the Canadian Northern Railway in the traffic and operating departments prior to the Government taking over the system. 3. Number of officials employed by the Grand Trunk Pacific Railway in the traffic and operating departments prior to the Government taking over the system. 4. Number of officials employed by the Canadian Government Railways, namely, the Intercolonial and Transcontinental, in the traffic and operating departments prior to the amalgamation of the companies into the Canadian National system. 5. Total cost in connection with wrecks on the Canadian National Railway on the line between Saskatoon and Calgary for the year 1920. 6. Whether the cost of wrecks was charged up to operating expenses or to capital account. 7. Total detention expenses on the Canadian National Railway between Saskatoon and Calgary for the year 1920. 8. Why it is that certain equipment for the Canadian National Railway is charged to operation expenses in stead of capital account. 9. Total amount charged to capital account for the year 1920 in connection with Canadian National Railways. Presented April 28, 1921. Mr. Myers.....*Not printed.*
- 158.** Copy of Order in Council P.C. 118/1361, dated 20th April, 1921, respecting the retirement of James W. Watson of the Department of the Naval Service. Presented by Hon. Mr. Ballantyne, May 3, 1921.....*Not printed.*
- 159.** Return to an Order of the House of the 11th April, 1921, for a copy of all correspondence since January 1, 1912, between the Minister of Railways and Canals or any officer of the Department of Railways and Canals at Ottawa, and any officer of the Intercolonial Railway, and between any of such officers and Messrs. G. J. Davie and Sons, or any solicitor or agent of the firm, respecting the expropriation of land at Lévis, Quebec, for the purposes of the Intercolonial Railway. Presented May 3, 1921. Mr. Fielding.....*Not printed.*
- 160.** Return to an Order of the House of the 18th April, 1921, for a copy of all correspondence, telegrams and other documents exchanged between the Department of Justice and the Department of the Attorney General in the province of Alberta, in regard to the vacancy in the District Court Judgeship occasioned by the transfer of Judge McNeil to the Judicial District of Calgary. Presented May 3, 1921. Mr. Shaw. *Not printed.*

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161. Return to an Order of the House of the 7th March, 1921, for a Return showing:—  
1. Total number of enlistments in the Canadian Expeditionary Force (including men who enlisted under the Military Service Act) from the outbreak of the war to Armistice day. 2. Number of the said men who served in (a) Canada; (b) England, and (c) France. 3. The total number of examinations of pensioners conducted by the Board of Pension Commissioners from June, 1920, to date. 4. Number of reductions in pensions made and the total amount thereof. 5. Cost of the administration of the Board of Pension Commissioners for the whole period of the Board's existence. 6. Number of employees (a) male, and (b) female, employed by the said Board, and number of the male employees who saw service in France. 7. Number of men employed in the Department of Soldiers' Civil Re-establishment who saw service in France, and the total cost of administration of this department to date. 8. Number of men in the service of the Soldiers' Settlement Board and the Vocational Training Board, and what number of them saw service in France. Presented May 3, 1921. Mr. Gordon ..... *Not printed.*
162. Report of the Royal Commission appointed under Part I of the Inquiries Act, by Order in Council of May 20, 1919, to inquire into and concerning the possibilities of the Reindeer and Musk-Ox industries in the Arctic and sub-Arctic regions of Canada. Presented by Hon. Mr. Meighen, May 4, 1921..... *Not printed.*
163. Return to an Order of the House of the 16th March, 1921, for a copy of all correspondence, documents, telegrams, reports, memoranda, tenders and contracts having reference to or in connection with the repairs of the wharf situated at St. Michel, County of Bellechasse, Quebec, from October 1, 1918, to date. Presented May 7, 1921. Mr. Fournier..... *Not printed.*
164. Return to an Address to His Excellency the Governor General of the 11th April, 1921, for a copy of all correspondence, telegrams, petitions and other documents exchanged between the Dominion Government and the Ontario Provincial Government or any Ministers of either Administration, relative to the removal of the British Embargo on Canadian cattle. Presented May 9, 1921. Mr. Smith..... *Not printed.*
165. Return to an Address to His Excellency the Governor General, of the 11th April, 1921, for a copy of all correspondence between the Chief Justice of Ontario and any Member of the Government as to the Judges' Act of the Session of 1920. Presented May 9, 1921. Mr. Lemieux..... *Not printed.*
166. Return to an Order of the House of the 2nd May, 1921, for a Return showing (a) the number of officials transferred from Calgary, Winnipeg, Ottawa, Halifax, or other points in Canada to Vancouver (Soldiers' Civil Re-establishment Department) since November 1, 1920. (b) Whether said transferees are married or single. (c) Number of officials in Vancouver whose services have been dispensed with since November 1, 1920 (Soldiers' Civil Re-establishment Department), also number to whom notice of retirement has been given. (d) Names of those transferred into Vancouver and positions to which they were assigned. Presented May 9, 1921. Mr. Stevens. *Not printed.*
167. Return to an Order of the House of the 14th March, 1921, for a copy of all official correspondence between the Government of Canada or any Member thereof, and the Government of the Province of Manitoba, or any member thereof, respecting subsection 5, of clause 325 of the Consolidated Railway Act of Canada. Presented May 9, 1921. Mr. Cahill..... *Not printed.*
168. Copy of Supplementary Extradition Convention with the United States, signed at London on the 15th January, 1917. Presented by Hon. Mr. Doherty, May 11, 1921. *Not printed.*
- 168a. Copy of a Convention between the United States and Great Britain, signed January 15, 1917, making the wilful desertion of wife or children in the United States and Canada an extraditable offence. Presented by Hon. Mr. Doherty, May 21, 1921. *Not printed.*
169. Return to an Order of the House of the 21st March, 1921, for a copy of all correspondence, telegrams, reports, memoranda in the hands of the Minister of Public Works, Officials of the Public Works, Superintendent of Engineering Department, in and for the Province of Quebec, Mr. A. R. Decarie, and Engineering Department at Ottawa pertaining to and regarding the construction, repairs or improvements at the following named harbours: St. Ulric, Matane, Ste. Felicite, Ruisseau à Loutre, Méchins, all in Matane County, from January, 1918, to date. Presented May 12, 1921. Mr. Pelletier..... *Not printed.*



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- 170.** Return to an Order of the House of the 4th March, 1921, for a statement showing:—  
 1. The amounts loaned or the credits made by the Government of Canada since the 19th April, 1920 (a) to Greece, (b) to Roumania. 2. The respective dates of these loans or credits to (a) Greece, (b) Roumania. 3. The nature of goods bought by the Government of Canada (a) for Greece, (b) for Roumania. 4. The names of corporations, firms or persons from whom these goods have been purchased, (a) the nature of the merchandise in each case, (b) the amounts paid by the Government to these corporations, firms or persons in each case and also the date of said payments. Presented May 13, 1921. Mr. Archambault.....*Not printed.*
- 171.** Return to an Order of the Senate of the 17th May, 1921, for a Return showing:—  
 1. The amount of money paid each year by the Government of Canada subsequent to 1910 to, for, or in connection with: (a) The Intercolonial Railway (b) the Canadian Northern Railway, and its subsidiaries; (c) the Grand Trunk Pacific Railway; (d) the Transcontinental Railway; (e) the Grand Trunk Railway of Canada. 2. Apart from the above, the amount of loans to each. 3. The total amount charged to date to capital account against or in connection with the Intercolonial Railway and the Grand Trunk Pacific Railway, separately. 4. The additional amount, if any, paid by the Government to, or in connection with the Intercolonial Railway, and the Grand Trunk Pacific Railway, separately, and not charged to capital account. The Senate. *Not printed.*
- 172.** Return to an Order of the House of the 9th May, 1921, for a copy of all correspondence between any member of the Government or any official of the Insurance Department with any member of any Provincial Government or any Provincial Superintendent of Insurance or any association of Provincial Superintendents of Insurance with respect to the resolution amending the Insurance Act standing in the Minister of Finance's name on the Order Paper or the subject matter of the resolution. Presented May 20, 1921. Mr. Lemieux.....*Not printed.*
- 173.** Copy of correspondence in respect to an alleged invitation to the Honourable P. J. Veniot to enter the Dominion Cabinet. Presented by Hon. Mr. Meighen, May 20, 1921.
- 174.** Return to an Order of the House of the 28th April, 1921, for a Return showing:—  
 1. How many automobiles the Government owns and uses in Ottawa. 2. How many chauffeurs are employed, their names and respective salaries. 3. Who the Ministers are and Deputy Ministers who use the said cars. 4. What other officials are using them and for what special purpose. 5. Whether any of said automobiles have been used on Sundays during the last fiscal year. If so, by whom. 6. Whether the Government has any garage in the city of Ottawa. 7. If so, what it cost during the last fiscal year for maintenance, wages, gasoline, repairs of all, and tires, respectively. 8. Whether the said garage was purchased by the Government. If so, from whom, at what price, and when it was purchased. Presented May 26, 1921. Mr. Lanctot. *Not printed.*
- 175.** Return to an Order of the House of the 7th March, 1921, for a Return showing:—  
 1. Number of Civil Servants in the Inside Service in each Department of the Government on December 31, 1920. 2. How many days absence, exclusive of regular holidays, were recorded in each Department for the year 1920. Presented May 26, 1921. Mr. Steele .....*Not printed.*
- 176.** Report of the Committee appointed by the Minister of Justice to advise upon the revision of the Penitentiary Regulations and the Amendment of the Penitentiary Act, February 28, 1921. Presented by Hon. Mr. Doherty, May 28, 1921...*Not printed.*
- 177.** Copy of Draft Conventions and recommendations of the International Labour Conference, Washington, 1919, and of the International Labour Conference, Geneva, 1920. Presented by Hon. Mr. Doherty, May 28, 1921.....*Not printed.*
- 178.** Copy of all papers, correspondence, etc., in the Department of the Naval Service in connection with the sale of H.M.C.S. "Niobe." Presented by Hon. Mr. Doherty, May 28, 1921.....*Not printed.*
- 179.** Copy of an opinion from the Deputy Minister of Justice to the Under Secretary of State as to the date on which, under Section 109 of the Canada Temperance Act, prohibition, if the vote be favourable to, is to come into force in New Brunswick, and how that day is to be determined. Presented by Hon. Mr. Doherty, May 28, 1921. *Not printed.*
- 180.** Copy of Order in Council, P.C. 1217, dated 9th day of April, 1921, transferring the administration of the Agricultural Fertilizers Act from the Department of Health to the Department of Agriculture. Presented by Hon. Mr. Tolmie, May 31, 1921. *Not printed.*

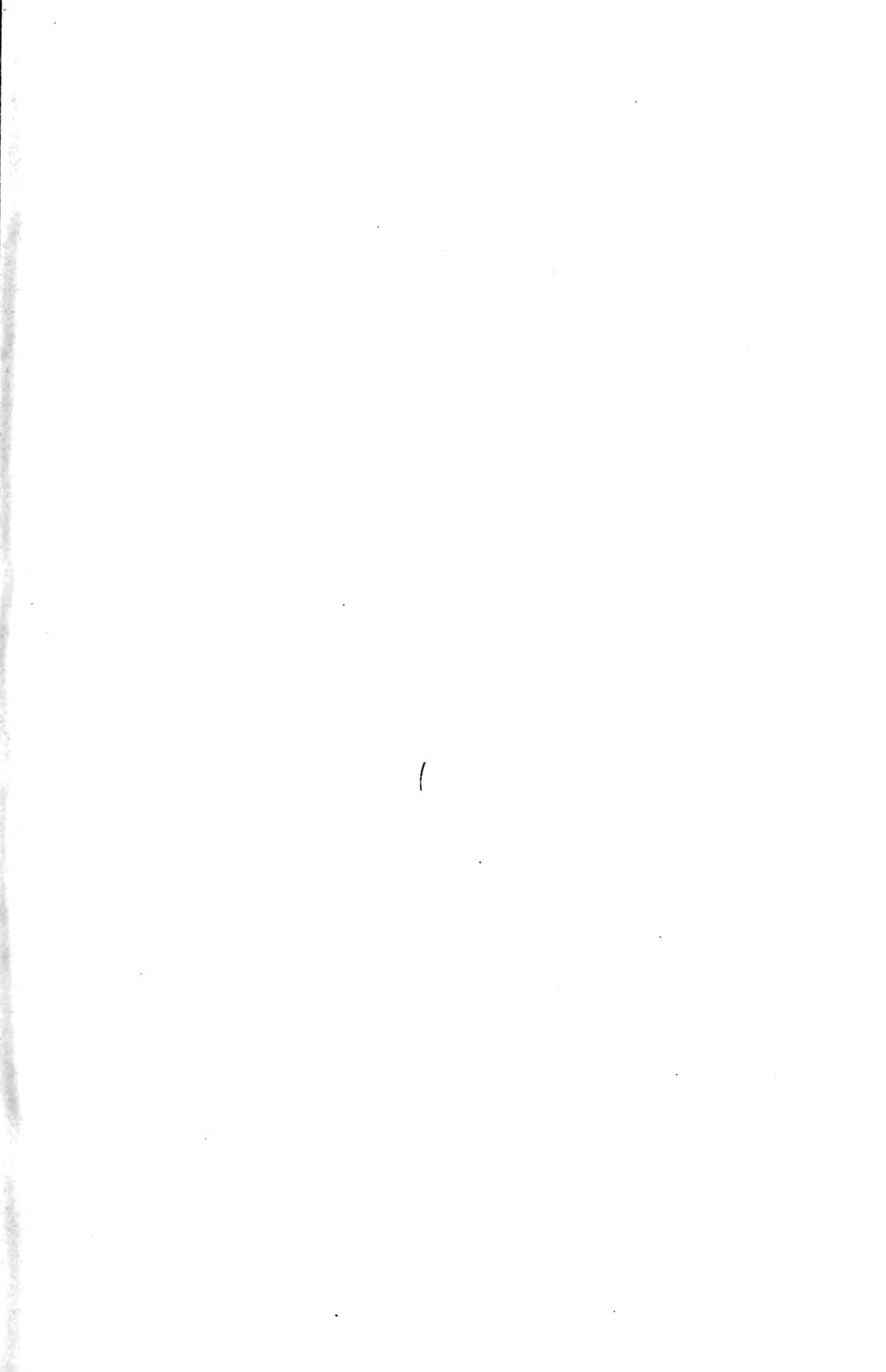
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- 181.** Return to an Order of the House of the 21st April, 1921, for a Return showing:—  
 1. How many secretaries, private-secretaries, assistant-private-secretaries, joint-secretaries to Ministers of the Crown have been appointed since 1911. 2. Date of each nomination. 3. Names of the nominees. 4. Salary each has been receiving. 5. By what minister each has been appointed. 6. Whether all or any of such persons are still in the employ of the Government. If so, their names, what position they are occupying and salary they are receiving. Presented June 1, 1921. Mr. Parent.  
*Not printed.*
- 182.** Annual Report of the Superintendent of the Geodetic Survey of Canada for the fiscal year ending March 31, 1920. Presented by Hon. Mr. Tolmie, June 2, 1921.  
*Not printed.*
- 183.** Copy of the Joint Report of the International Boundary Commission upon the Survey and Demarcation of the Boundary between the United States and Canada, from the western terminus of the land boundary along the forty-ninth parallel on the west side of Point Roberts, through Georgia, Haro, and Juan de Fuca Straits, to the Pacific ocean, together with two identical signed joint charts, in accordance with the provisions of Article VIII of the Treaty signed at Washington, April 11, 1908. Presented by Hon. Mr. Tolmie, June 2, 1921.....*Not printed.*
- 184.** Interim report of His Honour Judge Snider on the disposition of a quantity of publications from the Distribution Branch of the Government Printing Bureau. Presented June 3, 1921.....*Not printed.*
- 184a.** Letter from Fred Cook, Esq., Chairman of the Editorial Committee on Governmental Publications, and F. C. C. Lynch, Esq., respecting Judge Snider's Report on the discarding of publications at the Government Distribution Office, with a copy of Inventory No. 1. Presented June 4, 1921.....*Not printed.*





CANADA  
DOMINION BUREAU OF STATISTICS  
TRANSPORTATION BRANCH

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# RAILWAY STATISTICS

FOR THE  
YEAR ENDED DECEMBER 31  
1919

*(From sworn Returns furnished by the several Railway Companies)*

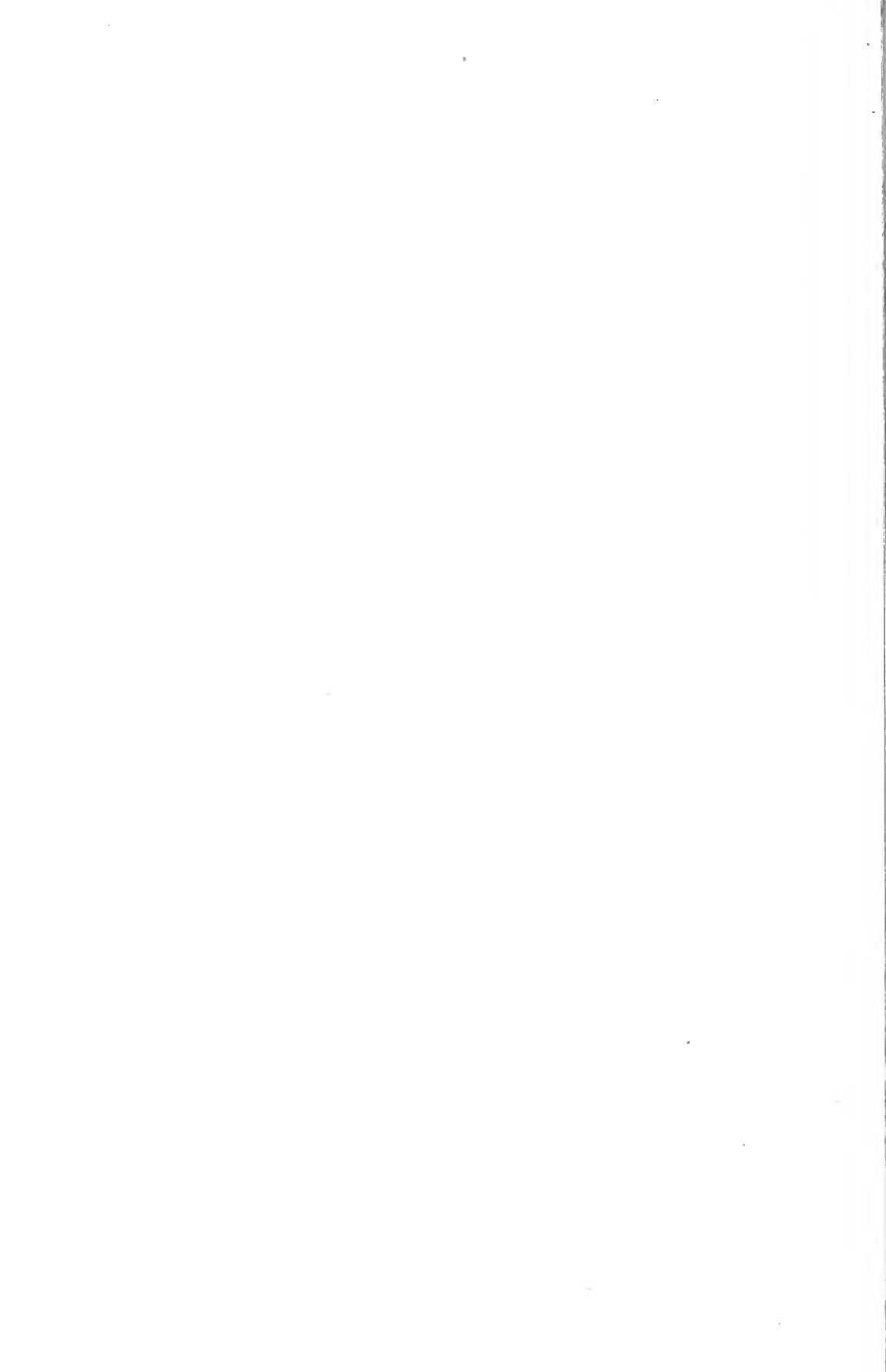
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PRINTED BY ORDER OF PARLIAMENT



OTTAWA  
THOMAS MULVEY  
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY  
1921

No. 20B—1921]



## RAILWAY STATISTICS

### PREFACE

The report on Railway Statistics is compiled from sworn returns made by the railway companies of Canada under the Railway Act, 1919, and the Statistics Act, 1918.

In 1919, the reporting year for railways was changed from the year ended June 30 to the year ended December 31, the present being the first report on the calendar year basis. The statistics of the six months, January to June, 1919, are included in this report and also in the report for the year ended June 30, 1919. In every table showing the year 1919 twice, the first series of statistics are for the year ended June 30, 1919, and the second for the year ended December 31, 1919.

The comparative and summary tables published in the introductory section of the report have been revised and corrected throughout. Among the more important revisions that have been made are the following:—

For 1917 and 1918, the Canadian Northern Railway Company included in their report the statistics of the Niagara, St. Catharines and Toronto Railway (Electric); the statistics of this road were also shown under "Electric Railways." As the number of passengers carried by the road was greater than the number carried by the Canadian Northern steam lines, and was about ten per cent of the total carried on all steam roads in Canada, a material duplication was involved. This has been corrected in the present report for the items of "Passengers carried" and "Passengers carried one mile," and the averages affected thereby. Other corrections affect the totals in most cases by less than one per cent. In the table relating to "Capital Stock," an addition of \$5,115,200 has been made for the year ended June 30, 1919, representing the capital stock of affiliated companies of the Canadian Northern not previously included. Under the heading "Aid granted," the item of "Loans" in some cases included funded debt; the latter has been eliminated throughout and is now shown only in its appropriate table. Under "Capital of Electric Railways," the stock and funded debt of London and Port Stanley Railway, since it was electrified, has included only the debentures issued by the lessees, the stock and funded debt of the original road being omitted; the total capital of this road is shown in the present report. Where changes in the reporting forms have made it impossible to show continuous figures, explanatory foot-notes have been inserted.

The present report has been prepared under the direction of Mr. G. S. Wrong, B.Sc., the compilation of the main tables being the work of Mr. J. S. Woodill.

R. H. COATS,

*Dominion Statistician*

DOMINION BUREAU OF STATISTICS,

OTTAWA, APRIL 22, 1921.

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## INTRODUCTION AND SUMMARY

### STEAM RAILWAYS

The outstanding feature of the railway situation in 1919 was that only 30 of the 61 roads reporting earned their operating expenses. (The Canadian Government roads are treated as two systems, namely, the Canadian Northern and other Canadian Government roads.) These 30 roads operated 20,982 miles of the total of 40,139 miles (including trackage rights), or 52 per cent, and had a net operating revenue of \$55,541,597. The other 31 roads reported a total operating deficit of \$23,732,329.

Only 24 roads reported earnings in excess of both operating expenses and fixed charges, taxes, etc. These operated 20,552 miles and earned a net corporate income of \$39,456,106. The latter total includes the income of the Grand Trunk Pacific Branch Lines, operating 1,041 miles of road, which reported an operating deficit but received \$4,000,158 from the Grand Trunk Pacific. The total corporate loss of the other 37 roads was \$54,384,773, which includes a loss by the Canadian Northern of \$26,187,509, by the Canadian Government System of \$7,133,295, and by the Grand Trunk Pacific of \$13,483,064.

The statistics of the present report should not be compared with those for the year ended June 30, 1919, since both include the six months January to June, 1919. Comparisons have therefore been made in the following with the report for the year ended June 30, 1918.

In comparing revenues for these periods it should be remembered that there was an increase in freight rates for most commodities of 15 per cent in March, 1918, and another of 25 per cent in August, 1918, also an increase in passenger rates of 15 per cent in March, 1918. These increases were in effect for the full year 1919, but only for a portion of the year ended June 30, 1918.

Average receipts per ton per mile were 1.003 cents in 1919, against 0.736 cents during the year ended June 30, 1918, an increase of 36 per cent. Average receipts per passenger per mile were 2.63 cents, against 2.12 cents, an increase of 24 per cent. The average haul per ton was shorter, namely, 295 miles compared with 303 miles, but the average passenger journey was longer, namely, 76.2 miles against 70.5 miles. The number of tons of freight moved was 111,487,780, against 127,543,687; this decrease was principally in low rate commodities; bituminous coal decreased 7,510,306 tons whilst ores decreased 2,616,414 tons, as a result in part of strikes at the mines and steel plants during the summer and fall of 1919. The tons carried one mile decreased 4,078,473,957 ton miles, or 15 per cent, but the increased rates caused an advance in freight revenue from \$228,244,416 to \$270,533,047, an increase of \$42,288,631, being 18.5 per cent. The number of passengers carried increased 2,991,818, or 6.7 per cent, and the number of passengers carried one mile increased 497,410,314, or 15.7 per cent. Receipts from passengers, due to increases in rates, length of ride and number of passengers carried, increased from \$67,089,363 to \$96,262,241, an increase of \$29,172,878 or 43.4 per cent. The total operating revenues amounted to \$408,598,360, against \$330,220,150. This increase of \$78,378,210 was more than offset by an increase in the operating expenses of \$102,833,657, making a decrease in net operating revenues of \$24,455,447. Total operating expenses were \$376,789,093, an average of \$9,645 per mile of road and \$3.52 per revenue train mile.

The salaries and wages bill increased by \$81,048,122, or 53 per cent; for 1919 it totalled \$233,323,074. The largest increases in operating expenses were in maintenance-of-way and structures, which increased from \$51,614,858 to \$82,343,530, an increase of \$30,728,672, or 59.5 per cent. Transportation costs

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rose from \$145,107,396 to \$181,979,405, an increase of \$36,872,009, or 25.4 per cent, and maintenance of equipment from \$57,304,235 to \$85,577,378, an increase of \$28,273,143, or 49.4 per cent. Total operating expenses have increased by over 110 per cent in the five and a half years since 1914.

Computing daily and monthly salaries on a ten-hour day basis, the average hourly compensation of all employees on all railways was 52.3 cents, against 33.1 cents for 1918, an increase of 58 per cent. The higher paid employees received an average hourly wage as follows:—

|  |         |
|--|---------|
| Road passenger engineers and motorman..... | \$1.091 |
| Train despatchers and directors.....       | 1.084   |
| Road freight engineers and motormen.....   | .869    |
| Road passenger conductors.....             | .846    |
| Yard masters.....                          | .840    |
| Employees in outside agencies.....         | .838    |
| Road passenger firemen and helpers.....    | .831    |
| Agent telegraphers.....                    | .805    |

All others received an average less than 80 cents per hour.

The number of freight cars in service increased 10,760, the number of passenger train cars 162, and the number of locomotives 191. The average capacity of freight cars also increased.

Fuel consumption was slightly less, namely, 9,696,625 tons, against 10,173,344 tons, costing \$52,563,334 as against \$52,630,430.

There was an increase in the number of persons killed and injured in train accidents. The number of passengers killed was 33 and the number injured 372, against 32 and 322 respectively. Comparing these figures with the number of passengers carried by the railways, 1,452,000 passengers were carried for every one killed and 128,772 were carried for every one that was injured. There were 162 employees killed and 1,904 injured in train accidents; from other accidents 35 employees, 1 passenger, and 5 others were killed, whilst 4,458 employees, 20 passengers and 27 others were injured.

## ELECTRIC RAILWAYS

In comparing the statistics of the calendar year 1919 and the year ended June 30, 1918, it should be noted that a report was not received from the Montreal Tramways Company for 1918. For 1919 this road showed earnings from operation amounting to \$9,661,414 and operating expenses of \$7,243,823, the number of fare passengers carried being 190,524,002.

Of 66 electric railways reporting, 55 earned operating expenses and 11 had an operating deficit. Only 40 of these 55 roads earned sufficient to pay also their fixed charges, taxes, etc., and only 13 reported paying dividends.

The receipts from passengers amounted to \$37,547,456, whilst the total operating revenue was \$40,152,903. The average fare per passenger was 5.01 cents, against 4.50 cents in 1918. This does not include transfer passengers and includes interurban passengers. There was a total of 16,940 employees, the total salaries and wages amounted to \$20,211,576.

Only 4 passengers were killed in 1919 out of 749,334,380 carried; 1,717 were injured. There were 29 employees and 58 other persons killed and 951 employees and 1,505 other persons injured.

II GEORGE V, A. 1921

## MILEAGE OPERATED IN PROVINCES.

|                                  | Year ended June 30 |        |               | Year ended Dec. 31, 1919 |
|----------------------------------|--------------------|--------|---------------|--------------------------|
|                                  | 1917               | 1918   | 1919          |                          |
| Mileage:—                        |                    |        |               |                          |
| Single track mileage—            |                    |        |               |                          |
| Nova Scotia.....                 | 1,422              | 1,428  | 1,432         | 1,435                    |
| New Brunswick.....               | 1,959              | 1,959  | 1,948         | 1,993                    |
| Prince Edward Island.....        | 278                | 279    | 279           | 276                      |
| Quebec.....                      | 4,734              | 4,791  | 4,860         | 4,877                    |
| Ontario.....                     | 11,049             | 11,057 | 11,000        | 10,988                   |
| Manitoba.....                    | 4,194              | 4,168  | 4,190         | 4,193                    |
| Saskatchewan.....                | 6,124              | 6,162  | 6,148         | 6,141                    |
| Alberta.....                     | 4,445              | 4,273  | 4,285         | 4,354                    |
| British Columbia.....            | 3,855              | 4,247  | 4,238         | 4,287                    |
| Yukon.....                       | 102                | 102    | 102           | 100                      |
| In United States.....            | 413                | 413    | 414           | 414                      |
| Total single track.....          | 38,605             | 38,879 | 38,896        | 39,058                   |
| Second track.....                | 2,481              | 2,523  | 2,543         | 2,547                    |
| Yard track and sidings.....      | 9,169              | 9,238  | 9,176         | 9,481                    |
| Total all tracks.....            | 50,255             | 50,640 | 50,615        | 51,086                   |
| Increase over previous year..... | 1,935              | 385    | (decrease) 25 | 471                      |

## RAILWAY CAPITAL.

|   | Year ended June 30 |                  |                  | Year ended Dec. 31, 1919 |
|---|--------------------|------------------|------------------|--------------------------|
|   | 1917               | 1918             | 1919             |                          |
|   | \$                 | \$               | \$               | \$                       |
|   | cts.               | cts.             | cts.             | cts.                     |
| Stocks.....                                   | 872,829,993 00     | 877,600,613 00   | 884,016,313 00   | 888,124,240 00           |
| Consolidated debenture stock<br>(C.P.R.)..... | 216,284,882 00     | 216,284,882 00   | 216,284,882 00   | 216,284,882 00           |
| Funded debt.....                              | 896,005,116 00     | 905,994,999 00   | 914,823,515 00   | 931,756,484 00           |
| Total.....                                    | 1,985,119,991 00   | 1,999,880,494 00 | 2,015,124,710 00 | 2,036,165,606 00         |
| Stocks—                                       |                    |                  |                  |                          |
| Dividend paying.....                          | 364,376,024 00     | 364,376,024 00   | 364,376,024 00   | 364,236,024 00           |
| Non-dividend paying.....                      | 508,453,969 00     | 513,224,589 00   | 519,640,289 00   | 523,888,216 00           |
| Amount of dividends.....                      | 30,092,701 00      | 30,103,982 00    | 30,126,545 00    | 29,988,227 00            |
| Per cent on dividends paying.....             | 8 26               | 8 26             | 8 27             | 8 23                     |
| Per cent on all stocks.....                   | 3 45               | 3 43             | 3 43             | 3 38                     |
| Per mile, all stocks.....                     | 25,400 00          | 25,794 00        | 25,654 00        | 25,690 00                |
| Miles of line affected (single track).....    | 34,366 00          | 34,023 00        | 34,459 00        | 34,570 00                |
| Funded debt—                                  |                    |                  |                  |                          |
| Total outstanding.....                        | 896,005,116 00     | 905,994,999 00   | 914,823,515 00   | 931,756,484 00           |
| Per mile of line affected.....                | 26,900 00          | 26,995 00        | 26,809 00        | 27,366 00                |
| Miles of line affected (single track).....    | 33,308 00          | 33,561 00        | 34,124 00        | 34,048 00                |
| Consolidated debenture stock—                 |                    |                  |                  |                          |
| Amount outstanding (C.P.R.).....              | 216,284,882 00     | 216,284,882 00   | 216,284,882 00   | 216,284,882 00           |
| Interest.....                                 | 7,051,395 00       | 7,051,395 00     | 7,051,395 00     | 7,051,395 00             |
| Per mile of line affected.....                | 16,772 00          | 16,269 00        | 16,269 00        | 16,269 00                |
| Miles of line affected (single track).....    | 12,895 00          | 13,295 00        | 13,295 00        | 13,295 00                |

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EXPENDITURE ON GOVERNMENT OWNED RAILWAYS.

No Capital is shown for the Government owned railways, except the Canadian Northern System. Below is the capital expenditure as reported by the Department of Railways and Canals.

|  | Miles | Capital Cost   | Cost per Mile |
|--|-------|----------------|---------------|
|  |       | \$ cts.        | \$ cts.       |
| Intercolonial, New Brunswick and Prince Edward Island..... | 1,593 | 141,521,090 39 | 88,839 35     |
| Prince Edward Island.....                                  | 276   | 12,749,112 00  | 46,192 43     |
| International of N.B.....                                  | 106   | 2,858,394 60   | 26,965 99     |
| Elgin and Havelock.....                                    | 26    | 73,837 09      | 2,839 89      |
| Moncton and Buctouche.....                                 | 30    | 135,439 12     | 45,146 37     |
| Salisbury and Albert.....                                  | 45    | 186,991 65     | 41,553 70     |
| St. Martins.....   | 29    | 58,818 07      | 2,028 21      |
| York and Carleton.....                                     | 6     | 8,749 53       | 1,458 26      |
| Quebec and Saguenay*.....                                  | 63    | 7,374,508 74   | 117,055 70    |
| National Transcontinental.....                             | 2,007 | 166,698,645 64 | 83,058 61     |
| Rolling stock.....   | -     | 38,748,236 94  | -             |
| Total.....   | 4,181 | 370,413,823 77 | 88,594 55     |
| Quebec bridge.....   | -     | 22,616,017 66  | -             |
| Hudson Bay Ry. and Terminals*.....                         | 334   | 20,560,836 69  | 61,559 38     |
| Total.....   | 4,515 | 413,590,678 12 | 91,603 69     |

\*Under construction.

PROVINCIAALLY OPERATED RAILWAYS

|  | Miles | Cost          | Cost Per Mile |
|--|-------|---------------|---------------|
|  |       | \$ cts.       | \$ cts.       |
| Temiskaming and Northern Ontario.....  | 329   | 21,880,808 00 | 66,507 01     |
| New Brunswick Coal and Railway Co..... | 58    | 1,960,479 06  | 33,801 36     |

AID TO RAILWAYS

| Year ended June 30      | Dominion     | Provinces  | Municipalities |
|-------------------------|--------------|------------|----------------|
|                         | \$           | \$         | \$             |
| 1910.....               | d146,932,179 | 35,837,060 | 17,983,823     |
| 1911.....               | 148,217,071  | 35,919,360 | 18,042,823     |
| 1912.....               | e154,075,235 | 35,945,515 | 18,051,323     |
| 1913.....               | 163,251,469  | 36,500,015 | 18,078,673     |
| 1914.....               | 178,834,528  | 37,023,275 | f17,914,836    |
| 1915.....               | 183,479,192  | 37,437,895 | 17,914,836     |
| 1916.....               | 184,719,609  | 37,437,895 | 17,914,836     |
| 1917.....               | 185,484,130  | 37,437,895 | 17,914,836     |
| 1918.....               | 218,704,535  | 37,437,895 | 17,914,836     |
| 1919.....               | 219,064,196  | 38,047,601 | 18,049,836     |
| 1919—ended Dec. 31..... | 221,865,882  | 43,469,371 | 16,390,673     |

d This included \$10,000,000 loaned to the Grand Trunk Pacific under authority chap. 19 of 1909.

e This amount includes payments to Grand Trunk Pacific under the Implement clause of the agreement between Government and the Company.

f This reduction is due to the repayment of a loan.

Included with the aid to C.P.R. in the sum of \$37,785,319.54 for lines built by Government and handed over to the Company. In that total is \$6,639,581 for surveys.

II GEORGE V, A. 1921

## ANALYSIS OF CASH SUBSIDIES PAID BY THE VARIOUS PROVINCES SINCE 1910

| Year ended<br>June 30 | Ontario   | Quebec     | Nova<br>Scotia | New<br>Brunswick | British<br>Columbia | Manitoba  | Totals     |
|-----------------------|-----------|------------|----------------|------------------|---------------------|-----------|------------|
|                       | \$        | \$         | \$             | \$               | \$                  | \$        | \$         |
| 1910.....             | 9,198,616 | 12,328,197 | 6,384,300      | 4,851,487        | 792,209             | 2,878,887 | 36,433,696 |
| 1911.....             | 9,204,616 | 12,333,197 | 6,384,300      | 4,907,487        | 798,209             | 2,878,887 | 36,506,696 |
| 1912.....             | 9,204,616 | 12,333,197 | 6,440,455      | 4,907,487        | 804,209             | 2,878,887 | 36,568,851 |
| 1913.....             | 9,554,616 | 12,333,197 | 6,440,455      | 4,907,487        | 1,008,707           | 2,878,887 | 37,123,349 |
| 1914.....             | 9,554,616 | 12,333,197 | 6,987,850      | 4,907,487        | 1,284,572           | 2,878,887 | 37,946,609 |
| 1915.....             | 9,669,236 | 12,333,197 | 6,987,850      | 4,907,487        | 1,284,572           | 2,878,887 | 38,061,229 |

Additions were not made in succeeding years.

## CASH AID GIVEN BY MUNICIPALITIES SHOWN BY PROVINCES

| Year<br>Ended<br>June<br>30 | Ontario       | Quebec       | Nova<br>Scotia | New<br>Brunswick | British<br>Columbia | Manitoba   | North-<br>west<br>Terri-<br>tories | Totals        |
|-----------------------------|---------------|--------------|----------------|------------------|---------------------|------------|------------------------------------|---------------|
| 1910.....                   | 13,311,075 63 | 3,137,536 08 | 481,898 10     | 341,500 00       | 198,952 50          | 490,600 00 | 22,261 29                          | 17,983,823 60 |
| 1911.....                   | 13,361,075 63 | 3,137,536 08 | 481,898 10     | 341,500 00       | 207,952 00          | 490,600 00 | 22,261 29                          | 18,042,823 60 |
| 1912.....                   | 13,361,075 63 | 3,137,536 08 | 481,898 10     | 341,500 00       | 216,452 50          | 490,600 00 | 22,261 29                          | 18,051,323 60 |
| 1913.....                   | 13,361,075 63 | 3,158,136 08 | 481,898 10     | 341,500 00       | 223,302 50          | 490,600 00 | 22,261 29                          | 18,078,673 60 |
| 1914.....                   | 13,361,075 63 | 3,180,501 38 | 481,898 10     | 341,500 00       | 37,500 00           | 490,600 00 | 22,261 29                          | 17,914,836 40 |
| 1915.....                   | 13,361,075 63 | 3,180,501 38 | 481,898 10     | 341,500 00       | 37,500 00           | 490,600 00 | 22,261 29                          | 17,914,836 40 |
| 1916.....                   | 13,361,075 63 | 3,180,501 38 | 484,898 10     | 341,500 00       | 37,500 00           | 490,600 00 | 22,261 29                          | 17,914,836 40 |

Additions not made in succeeding years.

Following is an analysis of the various forms in which cash aid has been given to railways by the Dominion, by the provinces, and by municipalities:—

## DOMINION

|  |                   |
|--|-------------------|
| Cash subsidies.....                      | \$ 115,849,561 00 |
| Loans.....                               | 58,076,533 00     |
| Cost of lines handed over to C.P.R.....  | 37,785,319 00     |
| Paid to Quebec Government.....           | 5,160,053 00      |
| Implement clause, G.T.P., agreement..... | 4,994,416 00      |
| Total.....                               | \$ 221,865,882 00 |

The purchase of Grand Trunk Pacific bonds aggregating \$33,116,000 by the Government, could not properly be classified as cash aid. It is therefore omitted from this account, and appears in a later paragraph, among guarantees authorized.

## PROVINCES.

|                             |               |
|-----------------------------|---------------|
| Cash subsidies.....         | \$ 33,593,898 |
| Loans.....                  | 9,575,473     |
| Subscription to shares..... | 300,000       |
| Total.....                  | \$ 43,469,371 |

## MUNICIPALITIES.

|                             |               |
|-----------------------------|---------------|
| Cash subsidies.....         | \$ 12,893,528 |
| Loans.....                  | 1,071,645     |
| Subscription to shares..... | 2,425,500     |
| Total.....                  | \$ 16,390,673 |

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## LAND GRANTS

Following have been the land grants to railways:—

|  | Acres.     |
|--|------------|
| By the Dominion.—                        | 32,374,289 |
| By the province of Quebec*.....          | 1,735,690  |
| By the province of British Columbia..... | 8,119,221  |
| By the province of New Brunswick.....    | 1,647,772  |
| By the province of Nova Scotia.....      | 160,000    |
| By the province of Ontario.....          | 624,232    |
| Total.....                               | 44,661,204 |

\*See explanatory paragraph.

In the case of the province of Quebec the land grants have been on a special basis, and it is therefore necessary to have in mind the following facts:—

|                                       |              |
|---------------------------------------|--------------|
| Acres granted—convertible.....        | 13,324,950   |
| Converted, at 52½ cents per acre..... | \$ 6,995,599 |
| Amount of conversion.....             | \$ 4,557,728 |
| Acres granted—not convertible.....    | 12,947,370   |
| Acres earned—not convertible.....     | 1,735,690    |

## DOMINION LAND GRANTS

Revised by Natural Resources Intelligence Branch and Lands Patent Branch, Department of Interior.

| Name of Railway.   | Area<br>acres<br>earned. |
|--|--------------------------|
| Alberta Railway and Irrigation Co.....                               | 1,114,368                |
| Alberta and Great Waterways Railway Co.....                          | 498                      |
| Canadian Pacific, main line.....                                     | 18,207,402               |
| Calgary and Edmonton Railway Co.....                                 | 2,108,893                |
| Great North West Central Railway Co.....                             | 320,000                  |
| Manitoba North Western Railway Co.....                               | 1,501,529                |
| Manitoba South Western Colonization Railway Co.....                  | 1,396,800                |
| Saskatchewan and Western Railway Co.....                             | 98,880                   |
| C. P. R. Pipestone Extension Souris Branch.....                      | 200,320                  |
| C. P. R. Souris Branch.....  | 1,408,704                |
| Canadian National—   |                          |
| Formerly Lake Manitoba and Canal Co.....                             | 798,400                  |
| Canadian North Western Railway Co.....                               | 338                      |
| Canadian Northern Alberta Railway Co.....                            | 537                      |
| Canadian Northern Manitoba Railway Co.....                           | 73                       |
| Formerly Manitoba and South Eastern Railway Co.....                  | 680,320                  |
| Qu'Appelle Long Lake and Saskatchewan Railroad and Steamboat Co..... | 1,880,154                |
| Canadian Northern Railway Co.....                                    | 2,656,261                |
| Edmonton, Dunvegan and British Columbia Railway Co.....              | 785                      |
| Grand Trunk Pacific.....   | 21                       |
| Grand Trunk Pacific Branch Lines.....                                | 6                        |
| Total.....   | 32,374,289               |

The Dominion has not made any grants of lands in aid of railways since 1894.

## GUARANTEES

Guarantees of bonds have been substituted in large measure for other forms of aid during recent years. It has been most difficult to get an accurate statement of the facts in this regard, particularly as to the precise amount of outstanding liability. The following table is based on official reports from the Dominion and Provincial Governments:—

|                       | Authorized  | Bonds Executed. | Guarantees Earned. |
|-----------------------|-------------|-----------------|--------------------|
|                       | \$          | \$              | \$                 |
| Dominion.....         | 189,666,539 | 183,532,523     | 183,532,523        |
| Manitoba.....         | 25,663,553  | 25,663,553      | 25,663,553         |
| Alberta.....          | 59,495,900  | 46,685,909      | 45,520,450         |
| Saskatchewan.....     | 47,725,000  | 28,582,012      | 23,170,661         |
| Ontario.....          | 7,860,000   | 7,860,000       | 7,860,000          |
| British Columbia..... | 68,135,000  | 60,317,524      | 51,214,290         |
| New Brunswick.....    | 7,763,000   | 7,763,000       | 7,317,000          |
| Quebec.....           | 210,000     | 210,000         | 210,000            |
| Total.....            | 406,518,992 | 360,614,581     | 344,488,477        |

It must be understood that \$33,116,000 worth of Grand Trunk Pacific bonds purchased by the Dominion Government, and referred to in a preceding paragraph, is included with the amount of guarantees authorized, although in such case the guarantee does not apply. There is, however, no other way of recording the amount in this connection.

The facts for preceding years, as respects the amount of guarantees authorized, are as follows:—

| Year ended June 30.   | 1913.       | 1914.       | 1915.       | 1916.       | 1917.       | 1918.       | 1919.       |
|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                       | \$          | \$          | \$          | \$          | \$          | \$          | \$          |
| Dominion.....         | 95,486,590  | 188,965,063 | 188,965,063 | 189,666,539 | 189,666,539 | 189,666,539 | 189,666,539 |
| Manitoba.....         | 24,059,447  | 25,221,580  | 25,221,580  | 25,221,580  | 25,519,553  | 25,519,553  | 25,663,553  |
| Alberta.....          | 45,489,000  | 55,810,450  | 59,410,450  | 58,736,750  | 59,495,900  | 59,495,900  | 59,895,900  |
| Saskatchewan.....     | 33,735,000  | 41,625,000  | 41,625,000  | 47,725,000  | 47,725,000  | 46,725,000  | 47,725,000  |
| Ontario.....          | 7,860,000   | 7,860,000   | 7,860,000   | 7,860,000   | 7,860,000   | 7,860,000   | 7,860,000   |
| Nova Scotia.....      | 5,022,000   |             |             |             |             |             |             |
| British Columbia..... | 59,262,072  | 80,332,072  | 80,332,072  | 80,332,072  | 68,782,072  | 68,135,000  | 68,135,000  |
| New Brunswick.....    | 3,654,265   | 6,063,000   | 6,063,000   | 7,763,000   | 7,763,000   | 7,763,000   | 7,763,000   |
| Quebec.....           | 392,000     | 392,000     | 392,000     | 308,000     | 280,000     | 280,000     | 280,000     |
| Total.....            | 274,960,374 | 409,869,165 | 409,869,165 | 417,612,941 | 407,092,064 | 405,444,992 | 406,988,992 |

Following are the details according to official statements received from the Dominion and the various provinces:—

## DOMINION

The list of securities guaranteed by the Dominion prior to June 30, 1916, is as follows:—

1. The Canadian Northern Railway Company, chapter 7, Edward VII (1903).

The guarantee is for the principal of £1,923,287 sterling, and interest thereon at the rate of 3 per cent per annum for fifty years



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2. The Canadian Northern Railway Company, chapter 11, 7-8 Edward VII (1908).

The guarantee is for the principal of £1,622,586 19s. 9d. sterling debenture stock and interest thereon at the rate of  $3\frac{1}{2}$  per cent per annum for fifty years, from July 20, 1908, interest payable half yearly.

3. The Canadian Northern Ontario Railway Company, chapter 6, 1-2 George V (1911).

The guarantee is for the principal of £7,493,835 12s. 4d. sterling debenture stock and interest thereon at the rate of  $3\frac{1}{2}$  per cent per annum for fifty years, from May 19, 1911, interest payable half yearly, amount actually issued £7,350,000.

4. The Canadian Northern Alberta Railway Company, chapter 6, 9-10 Edward VII (1910) as amended by chapter 8, 2 George V (1912).

The guarantee is for the principal of £647,260 5s. 6d. sterling debenture stock and interest thereon at the rate of  $3\frac{1}{2}$  per cent per annum for fifty years, from May 4, 1910, interest payable half yearly.

5. The Grand Trunk Pacific Railway Company, chapter 71, 3 Edward VII (1903) and chapter 24, 4 Edward VII (1904) and chapter 98, Acts of 1905.

The guarantee is for 3 per cent bonds of the railway company to an amount equal to 75 per cent of the cost of construction of the Western Division of the National Transcontinental railway, but not exceeding \$13,000 per mile in respect of the Prairie section of the said railway. The amount of bonds issued and guaranteed is £7,200,000, of which £2,300,000 were issued in 1905, £2,000,000 in 1909, and £2,000,000 in 1910.

The total authorized issue was £14,000,000 and the balance of the issue not sold to the public—£6,800,000—was purchased by the Government under the authority of the Grand Trunk Pacific Bond Purchase Act, 1913. There is therefore no guarantee, as respects this part of the issue, outstanding.

6. The Canadian Northern Alberta Railway Company, chapter 6, 2 George V (1912).

The guarantee is for the principal of £733,561 12s. 10d. sterling debenture stock and interest thereon at the rate of  $3\frac{1}{2}$  per cent per annum for fifty years, from April 1, 1912, interest payable half yearly.

7. The Grand Trunk Pacific Railway Company, chapter 20 of the Acts of 1914.

Total guarantee authorized, \$16,000,000, interest at 4 per cent. Sold to the public, \$3,193,507; pledged with the Dominion Government against advances, \$7,500,000; pledged to Grand Trunk Railway Company, \$5,306,493.

8. The Canadian Northern Railway Company, chapter 20 of the Acts of 1914.

Guarantee authorized, \$45,000,000, at 4 per cent. Sold to the public, \$17,033,333; pledged with the Dominion Government against advances, \$12,500,000; pledged with Columbia Trust Coy., New York, against advances, \$15,333,333.

## ALBERTA.

| Railway.  | Authorized Mileage. | Par Bond Value. | Mileage executed by Government | Par Bond Value. |
|---|---------------------|-----------------|--------------------------------|-----------------|
|   |                     | \$              |                                | \$              |
| Canadian Northern.....                          | 902.4               | 13,536,000      | 774.8                          | 11,022,000      |
| Canadian Northern Western.....                  | 1,390.              | 22,530,000      | 662.57                         | 11,222,500      |
| Grand Trunk Pacific Branch Lines Co.....        | 259.5               | 4,182,500       | 259.5                          | 4,182,500       |
| Edmonton, Dunvegan and British Columbia Ry..... | 471.                | 9,420,000       | 471.                           | 9,420,000       |
| Alberta and Great Waterways.....                | 350.                | 7,400,000       | 350.                           | 7,400,000       |
| Central Canada.....                             | 114.                | 2,280,000       | 100.                           | 2,000,000       |
| Lacombe and Blindman Valley.....                | 39.1                | 547,400         | 39.1                           | 273,700         |
| Totals.....                                     | 3,526.0             | 59,895,900      | 2,656.97                       | 45,520,450      |

## SASKATCHEWAN.

|  | Number of Miles. | Total Authorized Guarantees of \$15,000 per mile. | Par value of Bonds sold. | Amount of earnings Released. |
|--|------------------|---|--------------------------|------------------------------|
|  |                  | \$ cts.   | \$ cts.                  | \$ cts.                      |
| Canadian Northern Railway Company.....         | 1,155            | 17,325,000 00                                     | 13,709,400 00            | 10,456,495 25                |
| Canadian Northern Saskatchewan Railway Co..... | 255              | 3,825,000 00                                      | 1,174,813 33             | 782,210 60                   |
| Grand Trunk Pacific Branch Lines Co.....       | 760              | 11,400,000 00                                     | 11,328,892 00            | 9,908,627 53                 |
| Grand Trunk Pacific Saskatchewan Ry. Co.....   | 605              | 9,075,000 00                                      | Nil.                     | Nil.                         |
|  |                  | 41,625,000 00                                     | 26,213,105 33            | 21,147,333 38                |
| Bridges and Terminals—                         |                  |   |                          |                              |
| Grand Trunk Pacific Branch Lines Co.....       |                  | 5,100,000 00                                      | 1,882,240 00             | 1,536,660 62                 |
| Canadian Northern Saskatchewan Railway.....    |                  | 1,000,000 00                                      | 486,666 66               | 486,666 66                   |
|  |                  | 47,725,000 00                                     | 28,582,011 99            | 23,170,660 66                |

## ONTARIO

To the Canadian Northern Ontario Railway Company—Guarantee of interest on bonds aggregating \$7,860,000.

## NOVA SCOTIA

The aid given by the province of Nova Scotia to the Halifax and South-western Railway Company was not in the nature of a guarantee of bonds; but the facts of the case cannot very well be given under any other head. They are as follows:—

In the first instance the province advanced to the company \$13,500 per mile on 257.25 miles of its railway. The company gave a mortgage to the province covering the railway system for the total amount so advanced, and for interest on advances during construction, but could redeem the mortgage by repaying the said sum of \$13,500 per mile, less the sum of \$3,200 per mile. The \$3,200 per mile represents the sum which, under the provisions of a general Act on the subject, the province grants as a subsidy to a company constructing a railway.

This arrangement existed until the new arrangement was made under chapter 27 of the Acts of 1912, as amended by chapter 64 of the Acts of 1913. The new arrangement provided for releasing the original mortgage, for crediting the railway company with the \$3,200 per mile, and interest thereon, for repayment to the company of the equivalent of £180,400 sterling which the company

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had paid as interest on the mortgage, and for adding that amount to the sums due by the company for principal. The equivalent of £180,400 sterling was paid to the Halifax and Southwestern Railway Company, but instead of being paid in cash it was paid by delivering to the company £180,400 of provincial debentures. The total amount the company owed the province under this arrangement was settled at \$4,447,000, in which is included the equivalent of £180,040 sterling.

As security for that amount the company delivered to the province its bonds guaranteed by the Canadian Northern Railway Company, aggregating \$4,447,000, these bonds being secured by a mortgage trust deed covering the railway system of the Halifax and Southwestern Railway Company, and the province still holds the bonds and collects the interest thereon as the same falls due.

Under the primary arrangement the railway company did not deliver bonds to the province, but merely executed the mortgage, which has been released and superseded by the new arrangement.

The advance of \$13,500 per mile was not made by the province delivering bonds to the company; it was made in cash, the province having borrowed the money in London by the issue and sale of inscribed stock. The interest on the guaranteed bonds that the province now holds offsets within about one-quarter per cent the interest payable on the inscribed stock, this difference being accounted for by the fact that the stock was issued below par.

After the guaranteed bonds of the Halifax and Southwestern Railway Company are paid, the amount of provincial aid it will have received will have been \$3,200 per mile.

## BRITISH COLUMBIA

|                                     | Guarantee<br>Authorized. | Par Value<br>of Bonds<br>Executed. | Amount<br>of<br>Guarantee |
|-------------------------------------|--------------------------|------------------------------------|---------------------------|
|                                     | \$                       | \$                                 | \$                        |
| Canadian North Pacific Railway..... | 47,975,000               | 40,157,527                         | 33,179,092                |
| Pacific Great Eastern Railway.....  | 20,160,000               | 20,160,000                         | 18,035,198                |
|                                     | 68,135,000               | 60,317,527                         | 51,214,290                |

The province has guaranteed \$20,160,600 of bonds of the Pacific Great Eastern, of which \$5,925,195 has been pledged for loans. It has also advanced \$3,278,442.11 for interest on Debenture Stock.

## MANITOBA

To the Canadian Northern Railway Co., the following guarantees have been given:—

|   |                 |
|---|-----------------|
| 1,258·13 miles, main line and branches in Manitoba at \$10,000 per mile.... | \$12,581,286 66 |
| 332·30 miles, main line and branches in Manitoba at \$13,000 per mile....   | 4,320,000 00    |
| 286·28 miles, Port Arthur Division at \$20,000 per mile.....                | 5,745,586 67    |
| Guarantees on Winnipeg Terminals.....                                       | 3,000,000 00    |
| Total guarantees.....   | \$25,646,873 33 |

Canadian Northern Manitoba Railway—

|                                      |              |
|--------------------------------------|--------------|
| 12·3 miles at \$13,000 per mile..... | \$ 16,680 00 |
|--------------------------------------|--------------|

## NEW BRUNSWICK.

|                                 | Amount guaranteed. |      | Earned and paid. |      |
|---------------------------------|--------------------|------|------------------|------|
|                                 | \$                 | cts. | \$               | cts. |
| New Brunswick and Seaboard..... | 297,000            | 00   | 297,000          | 00   |
| Southampton.....                | 155,000            | 00   | 155,000          | 00   |
| St. John and Quebec.....        | 6,400,000          | 00   | 6,400,000        | 00   |
| Fredericton and Grand Lake..... | 465,000            | 00   | 465,000          | 00   |
| Total.....                      | 7,317,000          | 00   | 7,317,000        | 00   |

## QUEBEC

Guarantee of bonds of the Montreal and Western Railway Company to the amount of \$210,000.

## GROSS EARNINGS

|                                       | Year ended    |                |                   |                |
|---------------------------------------|---------------|----------------|-------------------|----------------|
|                                       | June 30, 1919 |                | December 31, 1919 |                |
|                                       | \$            | cts.           | \$                | cts.           |
| <b>Rail line—</b>                     |               |                |                   |                |
| Freight.....                          | 266,825       | 881 94         | 270,533           | 047 47         |
| Passenger.....                        | 78,609        | 870 97         | 96,262            | 240 97         |
| Excess baggage.....                   | 573           | 322 28         | 655               | 892 12         |
| Sleeping cars.....                    | 3,716         | 450 77         | 4,735             | 108 58         |
| Parlour and chair cars.....           | 274           | 505 07         | 347               | 561 61         |
| Mail.....                             | 3,399         | 830 60         | 3,548             | 325 11         |
| Express.....                          | 10,744        | 374 20         | 12,312            | 439 19         |
| Other passenger trains.....           | 49            | 744 50         | 90                | 121 36         |
| Milk.....                             | 621           | 277 11         | 661               | 238 81         |
| Switching.....                        | 2,680         | 376 61         | 2,675             | 179 78         |
| Special service train.....            | 84            | 763 43         | 114               | 190 44         |
| Other freight train.....              | 27            | 529 62         | 44                | 612 22         |
| Water transfer freight.....           | 62            | 588 80         |                   |                |
| Totals.....                           |               | 367,670,515 90 |                   | 391,979,957 66 |
| <b>Water line—</b>                    |               |                |                   |                |
| Freight.....                          | 2,455         | 033 14         | 2,755             | 962 12         |
| Passenger.....                        | 413           | 878 30         | 551               | 629 02         |
| Excess baggage.....                   | 1             | 579 28         | 1,096             | 86             |
| Other passenger service.....          |               |                |                   |                |
| Mail.....                             | 18            | 609 60         | 18                | 675 50         |
| Express.....                          | 15            | 763 30         | 19                | 420 21         |
| Other.....                            | 243           | 35             | 120               | 00             |
| Totals.....                           |               | 2,905,106 97   |                   | 3,346,903 71   |
| <b>Incidental—</b>                    |               |                |                   |                |
| Dining and buffet.....                | 4,390         | 981 69         | 5,626             | 781 20         |
| Hotel and restaurant.....             | 779           | 016 66         | 973               | 380 43         |
| Station, train, etc., privileges..... | 109           | 579 43         | 150               | 319 95         |
| Parcel room.....                      | 136           | 178 98         | 184               | 821 88         |
| Storage—freight.....                  | 525           | 816 15         | 569               | 239 09         |
| Storage—baggage.....                  | 127           | 072 36         | 133               | 964 59         |
| Demurrage.....                        | 2,120         | 298 26         | 1,504             | 199 56         |
| Telegraph and telephone.....          | 91            | 731 82         | 120               | 401 39         |
| Grain elevators.....                  | 1,113         | 683 16         | 1,101             | 482 29         |
| Stockyards.....                       | 24            | 654 00         | 14                | 877 89         |
| Rents of buildings, etc.....          | 1,547         | 598 07         | 1,520             | 578 38         |
| Miscellaneous.....                    | 1,367         | 695 61         | 1,267             | 252 14         |
| Power.....                            |               |                | 696               | 38             |
| Totals.....                           |               | 12,334,306 19  |                   | 13,167,995 17  |
| Joint facilities, Cr. balance.....    |               | 66,972 35      |                   | 103,504 26     |
| Gross earnings.....                   |               | 382,976,901 41 |                   | 408,598,360 80 |

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## INCOME ACCOUNT

|   | Year ended    |            |                   |            |
|---|---------------|------------|-------------------|------------|
|   | June 30, 1919 |            | December 31, 1919 |            |
|   | \$            | cts.       | \$                | cts.       |
| Gross earnings from operation.....        | 382,976,901   | 41         | 408,598,360       | 80         |
| Operating expenses.....                   | 341,866,509   | 01         | 376,789,093       | 44         |
| Net operating revenue.....                |               | 41,110,392 |                   | 31,809,267 |
| Outside operations—                       |               |            |                   |            |
| Revenue.....                              | 8,802,803     | 72         | 14,626,189        | 07         |
| Expense.....                              | 6,831,555     | 34         | 11,918,477        | 05         |
| Net revenue.....                          | 1,971,248     | 38         | 2,707,712         | 02         |
| Income—Other sources.....                 | 18,501,190    | 97         | 29,744,808        | 58         |
|   |               | 61,582,831 |                   | 64,261,787 |
| Less taxes.....                           |               | 5,316,713  |                   | 5,718,038  |
| Gross corporate income.....               |               | 56,266,118 |                   | 58,543,749 |
| Deductions:—                              |               |            |                   |            |
| Lease of other roads.....                 | 3,745,795     | 56         | 4,089,596         | 42         |
| Other rents.....                          | 5,675,530     | 49         | 4,722,581         | 39         |
| Loss on separately owned property.....    | 2,673,248     | 13         |                   |            |
| Interest on funded and unfunded debt..... | 43,097,261    | 06         | 54,866,544        | 94         |
| Sinking funds.....                        | 19,260        | 18         |                   |            |
| Other deductions.....                     | 2,319,703     | 29         | 9,962,773         | 68         |
| Net Corporate Loss.....                   |               | 1,264,680  |                   | 15,097,747 |
| Disposal of Net Corporate Income:—        |               |            |                   |            |
| Dividends—Common.....                     | 26,899,267    | 66         | 26,760,950        | 00         |
| Preferred.....                            | 10,331,172    | 14         | 3,227,276         | 84         |
| Additions and Betterments, Cr.....        | 879           | 95         |                   |            |
| Reserves and Miscellaneous.....           | 323,721       | 18         | 140,405           | 47         |
| Balance to Profit and Loss, Dr.....       |               | 38,817,961 |                   | 45,226,379 |

## OPERATING STATISTICS.

|   | Year ended June 30, |                |                | Year ended     |
|---|---------------------|----------------|----------------|----------------|
|   | 1917                | 1918           | 1919           | December 31.   |
| Average single track mileage.....                         | 38,604              | 38,879         | 38,896         | 39,058         |
| Locomotive miles—   |                     |                |                |                |
| Freight.....  | 68,983,629          | 63,921,041     | 60,080,642     | 59,063,240     |
| Passenger.....  | 44,005,835          | 40,870,513     | 42,296,331     | 46,154,564     |
| Mixed.....  | 8,612,666           | 7,897,536      | 7,871,917      | 8,146,394      |
| Special.....  | 153,099             | 5,438,603      | 159,947        | 117,679        |
| Switching.....  | 28,500,069          | 28,625,512     | 26,519,327     | 25,560,456     |
| Non revenue.....  |                     |                |                |                |
| Total.....  | 150,264,298         | 146,753,205    | 136,926,164    | 139,042,333    |
| Train Miles—  |                     |                |                |                |
| Freight.....  | 62,863,724          | 60,143,014     | 55,034,882     | 54,469,475     |
| Passenger.....  | 44,083,575          | 41,850,189     | 41,048,124     | 44,883,258     |
| Mixed.....  | 8,746,811           | 7,787,636      | 7,652,411      | 7,605,262      |
| Special.....  | 102,990             | 76,721         | 97,418         | 95,743         |
| Total revenue.....  | 115,797,100         | 109,857,560    | 103,832,835    | 107,053,735    |
| Non revenue.....  | 3,627,901           | 4,158,919      | 4,159,658      | 4,669,619      |
| Car miles—  |                     |                |                |                |
| Freight loaded.....                                       | 1,402,552,028       | 1,343,301,681  | 1,181,758,126  | 1,213,490,195  |
| Freight empty.....  | 561,127,805         | 494,404,216    | 497,882,365    | 465,546,117    |
| Caboose.....  | 66,728,241          | 64,419,008     | 59,472,896     | 60,129,162     |
| Total.....  | 2,030,408,074       | 1,902,124,905  | 1,739,113,387  | 1,739,165,474  |
| Passenger.....  | 135,419,724         | 127,866,571    | 127,018,520    | 135,628,246    |
| Sleeper, parlour and observation.....                     | 59,489,362          | 53,808,981     | 58,181,799     | 67,879,671     |
| Other passenger train cars.....                           | 108,416,453         | 108,472,388    | 112,074,695    | 124,318,860    |
| Total.....  | 303,325,539         | 290,147,934    | 297,275,014    | 327,826,777    |
| Averages—   |                     |                |                |                |
| Locomotive miles per mile of road.....                    | 3.892               | 3.775          | 3.520          | 3.560          |
| Train miles per mile of road.....                         | 3.094               | 2.933          | 2.776          | 2.860          |
| Loaded freight cars per freight train.....                | 19.59               | 19.77          | 18.85          | 19.55          |
| Empty freight cars per freight train.....                 | 7.84                | 7.28           | 7.94           | 7.5            |
| Total freight train cars per freight train.....           | 28.35               | 28.00          | 27.74          | 28.02          |
| Passenger train cars per passenger train.....             | 5.7                 | 5.8            | 6.1            | 6.2            |
| Passenger cars per passenger train.....                   | 3.7                 | 3.7            | 3.8            | 3.9            |
| Freight traffic—  |                     |                |                |                |
| Tons of freight originating on Canadian roads.....        | 67,134,164          | 68,385,790     | 63,556,991     | 61,022,808     |
| Tons of freight received from U.S. roads.....             | 31,330,530          | 34,039,620     | 31,645,130     | 30,326,787     |
| Tons of freight originated.....                           | 98,464,694          | 102,425,410    | 95,202,121     | 91,349,595     |
| Tons of freight received from Canadian roads.....         | 23,451,578          | 25,118,277     | 21,497,451     | 20,138,185     |
| Total tons of freight carried.....                        | 121,916,272         | 127,543,687    | 116,699,572    | 111,487,780    |
| Tons carried one mile.....                                | 31,186,707,851      | 31,029,072,279 | 27,724,397,201 | 26,950,598,322 |
| Tons carried per mile of road.....                        | 3,158               | 3,281          | 3,007          | 2,854          |
| Tons carried one mile per mile of road.....               | 807,862             | 798,093        | 712,783        | 690,015        |
| Average tons of freight per freight train.....            | 436                 | 457            | 442            | 434            |
| Average load per loaded car.....                          | 22.24               | 23.10          | 23.46          | 22.21          |
| Average distance each railway carried one ton.....        | 256                 | 243            | 238            | 242            |
| Average distance one ton was carried.....                 | 317                 | 303            | 291            | 295            |
| Passenger traffic—  |                     |                |                |                |
| Passengers carried.....                                   | 48,106,530          | 44,948,638     | 43,754,194     | 47,940,456     |
| Passengers carried one mile.....                          | 3,120,505,088       | 3,161,082,402  | 3,074,664,319  | 3,658,492,716  |
| Passengers carried per mile of road.....                  | 1.246               | 1.156          | 1.125          | 1.227          |
| Passengers carried one mile per mile of road.....         | 80,834              | 81,306         | 79,048         | 93,668         |
| Average number of passengers per passenger train.....     | 59                  | 64             | 63             | 70             |
| Average number of passengers per passenger train car..... | 10                  | 11             | 10             | 11             |
| Average number of passengers per passenger car.....       | 16                  | 17             | 17             | 18             |
| Average distance each railway carried a passenger.....    | 65                  | 70.5           | 70.4           | 76.2           |
| Freight Revenue (Rail line)—                              |                     |                |                |                |
| Freight receipts.....                                     | \$215,245,256       | \$228,244,416  | \$266,825,882  | \$270,533,047  |
| Switching receipts.....                                   | 2,380,706           | 2,917,752      | 2,680,377      | 2,675,180      |
| Other freight train receipts and water transfer.....      | 69,161              | 38,450         | 90,118         | 44,612         |

STEAM RAILWAY STATISTICS

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OPERATING STATISTICS—*Conclud d.*

|   | Year ended June 30. |               |               | Year ended<br>December 31. |
|---|---------------------|---------------|---------------|----------------------------|
|   | 1917                | 1918          | 1919          | 1919                       |
| Total freight revenue.....  | 217,695,123         | 231,200,618   | 269,596,377   | 273,252,839                |
| Average freight revenue per mile of road.....                     | 5,639.19            | 5,946.67      | 6,936.02      | 6,996.07                   |
| Average freight receipts per mile of road.....                    | 5,575.72            | 5,870.63      | 6,859.98      | 6,926.44                   |
| Average freight receipts per freight train mile.....              | \$3.01              | \$3.36        | \$4.26        | \$4.36                     |
| Average freight receipts per loaded freight car mile.....         | 15.3c.              | 17.0c.        | 22.6c.        | 22.3c.                     |
| Average freight receipts per ton originated.....                  | \$2.19              | \$2.23        | \$2.80        | \$2.96                     |
| Average freight receipts per railway per ton.....                 | \$1.77              | \$1.79        | \$2.29        | \$2.45                     |
| Average freight receipts per ton mile.....                        | 0.690c.             | 0.736c.       | 0.962c.       | 1.003c.                    |
| Passenger revenue—Rail line—                                      |                     |               |               |                            |
| Passenger receipts.....   | \$61,290,291        | \$67,089,363  | \$78,609,871  | \$96,262,241               |
| Sleeper, parlour, observation car receipts.....                   | 3,101,626           | 3,442,337     | 3,990,956     | 5,082,670                  |
| Excess baggage.....   | 569,566             | 595,790       | 573,322       | 655,892                    |
| Mail.....   | 3,169,911           | 3,288,734     | 3,399,831     | 3,548,325                  |
| Express.....  | 8,999,074           | 9,824,583     | 10,744,374    | 12,312,439                 |
| Milk.....   | 538,487             | 550,416       | 621,277       | 661,239                    |
| Other passenger train revenue.....                                | 72,110              | 64,025        | 49,744        | 90,121                     |
| Total passenger train revenue.....                                | 77,741,065          | 84,855,248    | 97,989,375    | 118,612,927                |
| Average passenger train revenue per mile of road.....             | \$2,014 00          | \$2,183 00    | \$2,519 00    | \$3,037 00                 |
| Average passenger train revenue per pass. train mile.....         | \$1.47              | \$1.71        | \$2.01        | \$2.26                     |
| Average passenger train revenue per pass. train car mile.....     | 25.6c.              | 29.2c.        | 33.0c.        | 36.2c.                     |
| Average passenger receipts per pass. per railway.....             | \$1.27              | \$1.49        | \$1.80        | \$2.01                     |
| Average passenger receipts per passenger mile.....                | 1.96c.              | 2.12c.        | 2.56c.        | 2.63c.                     |
| Average passenger receipts per passenger car mile.....            | 31.4c.              | 36.9c.        | 42.4c.        | 47.3c.                     |
| Average sleeper, etc., receipts per sleeper, etc., car miles..... | 5.21c.              | 6.40c.        | 6.86c.        | 7.49c.                     |
| Revenue water Line—   |                     |               |               |                            |
| Freight.....  | \$2,265,119         | \$2,266,102   | \$2,455,033   | \$2,755,962                |
| Passenger, baggage, mail, express.....                            | 1,971,644           | 481,674       | 449,830       | 590,822                    |
| Other.....  | 158,805             | Dr. 139,749   | 243           | 120                        |
| Total.....  | 4,395,568           | 2,608,027     | 2,905,106     | 3,346,904                  |
| Gross earnings from operation, rail and water—                    |                     |               |               |                            |
| Freight, rail and water.....                                      | \$219,960,242       | \$233,466,720 | \$272,051,410 | \$276,008,801              |
| Passenger, rail and water.....                                    | 79,712,709          | 85,336,922    | 98,439,265    | 119,203,749                |
| Other earnings from operation.....                                | 11,098,528          | 11,416,508    | 12,486,286    | 13,385,810                 |
| Total.....  | 310,771,479         | 330,220,150   | 382,976,901   | 408,598,360                |
| Operating expenses.....   | 22,890,637          | 273,955,436   | 341,866,509   | 376,789,093                |
| Net operating revenue.....  | 87,880,842          | 56,264,714    | 41,110,392    | 31,809,267                 |
| Operating ratio..... per cent.                                    | 71.7                | 82.9          | 89.3          | 92.2                       |
| Gross earnings per mile of road.....                              | 8,050.24            | 8,493.54      | 9,846.18      | 10,461.32                  |
| Gross earnings per revenue train mile.....                        | 2.682               | 3.006         | 3.683         | 3.817                      |

## TRAFFIC HANDLED.

|                                    | Year ended June 30. |            |            | Year ended     |
|------------------------------------|---------------------|------------|------------|----------------|
|                                    | 1917.               | 1918.      | 1919.      | Dec. 31, 1919. |
|                                    | Tons.               | Tons.      | Tons.      | Tons.          |
| Products of agriculture—           |                     |            |            |                |
| Grain.....                         | 16,491,090          | 13,985,361 | 11,285,463 | 11,432,613     |
| Flour.....                         | 3,374,965           | 3,919,476  | 3,051,415  | 3,659,096      |
| Other mill products.....           | 1,684,176           | 1,722,985  | 1,534,421  | 1,717,858      |
| Hay.....                           | 1,042,395           | 1,522,626  | 1,650,194  | 1,527,945      |
| Tobacco.....                       | 44,482              | 51,252     | 56,508     | 52,245         |
| Cotton.....                        | 154,256             | 349,385    | 170,657    | 190,985        |
| Fruit and vegetables.....          | 1,649,779           | 1,604,126  | 1,769,150  | 2,027,459      |
| Other products of agriculture..... | 686,311             | 722,459    | 617,655    | 725,430        |
| Produce of animals—                |                     |            |            |                |
| Live stock.....                    | 1,554,560           | 1,515,471  | 1,752,176  | 1,924,932      |
| Dressed meats.....                 | 645,094             | 764,121    | 1,073,921  | 1,102,869      |
| Other packing-house products.....  | 596,349             | 644,023    | 946,949    | 758,629        |
| Poultry, game and fish.....        | 373,514             | 424,728    | 550,115    | 406,399        |
| Wool.....                          | 62,456              | 90,455     | 73,557     | 79,755         |
| Hides and leather.....             | 249,794             | 250,713    | 281,055    | 341,920        |
| Other products of animals.....     | 499,120             | 559,821    | 596,443    | 664,972        |
| Products of mines—                 |                     |            |            |                |
| Anthracite coal.....               | 7,623,874           | 9,033,037  | 7,361,435  | 8,944,464      |
| Bituminous coal.....               | 21,782,444          | 25,076,008 | 23,440,474 | 17,565,702     |
| Coke.....                          | 1,641,488           | 1,735,596  | 1,354,697  | 908,988        |
| Ores.....                          | 5,570,215           | 5,491,452  | 4,084,964  | 2,875,038      |
| Stone, sand, etc.....              | 3,910,562           | 3,850,855  | 3,402,681  | 4,187,380      |
| Other products of mines.....       | 2,006,054           | 2,002,543  | 1,765,570  | 1,989,782      |
| Products of forests—               |                     |            |            |                |
| Lumber.....                        | 10,100,749          | 10,478,969 | 9,955,898  | 10,901,996     |
| Other products of forests.....     | 8,989,933           | 10,372,485 | 11,298,507 | 9,676,718      |
| Manufactures—                      |                     |            |            |                |
| Petroleum and other oils.....      | 1,414,800           | 1,636,594  | 2,035,899  | 1,251,735      |
| Sugar.....                         | 797,763             | 912,113    | 899,984    | 1,126,166      |
| Naval stores.....                  | 108,958             | 133,168    | 66,129     | 12,715         |
| Iron, pig and bloom.....           | 1,723,249           | 1,745,383  | 1,460,466  | 1,141,055      |
| Iron and steel rails.....          | 1,100,245           | 1,104,996  | 1,475,576  | 1,017,251      |
| Castings and machinery.....        | 1,920,301           | 1,997,184  | 1,638,116  | 1,234,033      |
| Bar and sheet metal.....           | 1,562,313           | 1,784,228  | 1,544,779  | 1,183,619      |
| Cement, brick and lime.....        | 2,698,166           | 2,192,898  | 1,883,550  | 2,532,952      |
| Agricultural implements.....       | 469,142             | 529,677    | 469,230    | 1,167,659      |
| Wagons, carriages, tools, etc..... | 672,939             | 566,720    | 567,194    | 194,295        |
| Wines, liquors and beers.....      | 218,977             | 223,350    | 193,091    | 466,601        |
| Household goods and furniture..... | 438,483             | 499,751    | 443,875    | 10,681,644     |
| Other manufactures.....            | 8,795,971           | 9,036,745  | 8,164,138  | 4,870,882      |
| Merchandise.....                   | 6,070,858           | 5,047,616  | 4,421,320  | 910,062        |
| Miscellaneous.....                 | 3,151,203           | 3,952,372  | 3,362,320  | 33,936         |

## SUMMARY.

|                              | Year ended June 30. |              |             | Year ended     |
|------------------------------|---------------------|--------------|-------------|----------------|
|                              | 1917.               | 1918.        | 1919.       | Dec. 31, 1919. |
|                              | Tons.               | Tons.        | Tons.       | Tons.          |
| Products of agriculture..... | 25,127,453          | 23,877,670   | 20,135,463  | 21,333,631     |
| Products of animals.....     | 3,980,887           | 4,249,332    | 5,274,216   | 5,279,476      |
| Products of mines.....       | 42,534,637          | 47,189,491   | 41,409,821  | 36,471,354     |
| Products of forest.....      | 19,090,682          | 20,851,454   | 21,254,405  | 20,578,714     |
| Manufactures.....            | 21,921,309          | 22,362,807   | 20,842,027  | 22,009,725     |
| Merchandise.....             | 6,070,858           | 5,047,616    | 4,421,320   | 4,870,882      |
| Miscellaneous.....           | 3,151,203           | 3,952,372    | 3,362,320   | 943,998        |
| Totals.....                  | c121,916,272        | d127,543,687 | 116,699,572 | 111,487,780    |

c Undistributed 39,244 tons.

d Undistributed 12,945 tons.



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OPERATING EXPENSES.

|   | Year ended June 30. |             |             | Year ended     |
|---|---------------------|-------------|-------------|----------------|
|   | 1917.               | 1918.       | 1919.       | Dec. 31, 1919. |
|   | \$                  | \$          | \$          | \$             |
| Operating expenses—                                 |                     |             |             |                |
| Maintenance of way and structures.....              | 41,154,193          | 51,614,858  | 69,034,242  | 82,343,530     |
| Maintenance of equipment.....                       | 46,371,178          | 57,304,235  | 78,397,270  | 85,577,378     |
| Traffic.....  | 6,236,811           | 6,342,394   | 6,545,933   | 7,242,438      |
| Transportation—Rail line.....                       | 114,327,344         | 145,107,396 | 170,382,034 | 181,979,405    |
| Transportation—Water line.....                      | 3,271,893           | 1,552,959   | 2,168,890   | 2,235,042      |
| Miscellaneous operations.....                       | 3,962,544           | 4,443,666   | 5,606,045   | 7,101,199      |
| General expenses.....                               | 7,584,881           | 7,597,985   | 9,739,449   | 10,420,460     |
| Transportation for investment Cr.....               | 18,207              | 8,057       | 7,354       | 110,359        |
| Total.....  | 222,890,637         | 273,955,436 | 341,866,509 | 376,789,093    |
| Operating expenses per mile of road.....            | \$ 5,774            | 7,046       | 8,789       | 9,645          |
| Operating expenses per train mile (all trains)..... | \$ 1-866            | 2-403       | 3-166       | 3-373          |
| Operating expenses per revenue train mile.....      | \$ 1-925            | 2-494       | 3-292       | 3-520          |

TAXES.

| Province.             | Year ended June 30. |              |              | Year ended     |
|-----------------------|---------------------|--------------|--------------|----------------|
|                       | 1917.               | 1918.        | 1919.        | Dec. 31, 1919. |
|                       | \$ cts.             | \$ cts.      | \$ cts.      | \$ cts.        |
| Nova Scotia.....      | 437 36              | 1,705 13     | 964 00       | 14,336 57      |
| New Brunswick.....    | 58,740 06           | 58,446 21    | 76,211 61    | 92,887 33      |
| Quebec.....           | 659,049 59          | 624,816 36   | 811,564 52   | 939,147 39     |
| Ontario.....          | 2,148,141 12        | 1,693,129 38 | 1,974,185 48 | 2,125,819 21   |
| Manitoba.....         | 396,924 52          | 337,140 82   | 212,273 30   | 399,288 29     |
| Saskatchewan.....     | 251,575 68          | 163,186 37   | 259,027 80   | 149,115 07     |
| Alberta.....          | 189,812 57          | 210,067 33   | 526,565 30   | 231,576 39     |
| British Columbia..... | 326,122 51          | 749,422 79   | 649,558 05   | 733,589 84     |
| Yukon.....            | 6,805 27            | 6,826 17     | 6,821 05     | 5,833 56       |
| Undistributed.....    |                     |              | 285,880 15   | 194,316 32     |
| Outside Canada.....   | 316,563 84          | 166,347 82   | 258,381 70   | 379,332 14     |
| Total.....            | 4,354,172 52        | 4,011,088 38 | 5,061,432 96 | 5,265,242 11   |

The government owned line Prince Edward Island Ry. is the only steam railway in Prince Edward Island, therefore no taxes are assessed on railways by that province.

| Salaries and Wages.  | Year ended June 30. |                |                | Year ended     |
|--|---------------------|----------------|----------------|----------------|
|  | 1917.               | 1918.          | 1919.          | Dec. 31, 1919. |
|  | \$ cts.             | \$ cts.        | \$ cts.        | \$ cts.        |
| Items—   |                     |                |                |                |
| 1 to 5—General office superintendence.....                   | 14,957,705 43       | 17,075,814 44  | 22,985,070 54  | 25,092,823 79  |
| 6 to 26—Maintenance road and equipment and construction..... | 53,237,311 21       | 64,432,547 93  | 93,308,553 59  | 105,630,054 12 |
| 27 to 29—Outside traffic.....                                | 715,306 98          | 733,057 19     | 1,403,463 63   | 1,764,607 35   |
| 30 to 40)  |                     |                |                |                |
| 46 to 47)—Agents, operators, miscellaneous operation.....    | 26,306,422 37       | 30,310,862 42  | 42,332,795 32  | 48,614,416 90  |
| 59 to 65)  |                     |                |                |                |
| 41 to 45—Trainmen, yard.....                                 | 7,031,963 84        | 8,665,250 22   | 11,353,453 60  | 11,997,823 13  |
| 49 to 58—Trainmen, road.....                                 | 27,377,475 41       | 31,052,420 68  | 37,556,657 93  | 40,223,349 02  |
| Total.....   | 129,626,185 24      | 152,274,952 88 | 208,939,994 61 | 233,323,074 31 |

## EMPLOYEES AND THEIR COMPENSATION FOR YEAR ENDED DEC. 31, 1919

| Class of Employees   | Average Number of Employees | Hours on Duty and Compensation            |                                |
|--|-----------------------------|---|--------------------------------|
|  |                             | Total number of hours on duty during year | Total compensation during year |
| 1 General officers .....                                     | 802                         | 2,396,990                                 | \$ 3,803,856 03                |
| 2 Division officers .....                                    | 1,053                       | 3,282,740                                 | 2,765,037 29                   |
| 3 Clerks .....   | 14,785                      | 38,019,386                                | 17,443,520 15                  |
| 4 Messengers and attendants .....                            | 470                         | 1,463,360                                 | 355,299 38                     |
| 5 Assistant engineers and draftsmen .....                    | 494                         | 1,474,420                                 | 725,110 94                     |
| 6 M. W. and S. foreman (excluding Nos. 7 and 25) .....       | 875                         | 2,240,336                                 | 1,433,424 68                   |
| 7 Section foremen .....                                      | 6,033                       | 16,158,735                                | 8,541,243 81                   |
| 8 General foremen, M. E. department .....                    | 152                         | 553,150                                   | 379,483 05                     |
| 9 Gang and other foremen, M. E. department .....             | 1,698                       | 4,334,146                                 | 3,428,450 00                   |
| 10 Machinists .....  | 5,015                       | 11,039,997                                | 7,815,319 30                   |
| 11 Boiler makers .....                                       | 1,223                       | 2,967,559                                 | 2,058,289 77                   |
| 12 Blacksmiths .....   | 722                         | 1,601,303                                 | 1,136,218 49                   |
| 13 Masons and bricklayers .....                              | 91                          | 189,150                                   | 114,046 75                     |
| 14 Structural iron workers .....                             | 45                          | 98,922                                    | 50,262 37                      |
| 15 Carpenters .....  | 5,871                       | 13,019,427                                | 8,165,195 94                   |
| 16 Painters and upholsterers .....                           | 1,589                       | 3,351,328                                 | 2,245,463 28                   |
| 17 Electricians .....  | 536                         | 1,153,122                                 | 828,114 32                     |
| 18 Air-brake men .....                                       | 296                         | 667,676                                   | 424,352 32                     |
| 19 Car inspectors .....                                      | 979                         | 2,635,383                                 | 1,776,052 43                   |
| 20 Car repairers .....                                       | 4,938                       | 11,409,085                                | 6,767,342 23                   |
| 21 Other skilled labour .....                                | 6,823                       | 15,683,671                                | 9,005,147 02                   |
| 22 Mechanics' helpers and apprentices .....                  | 8,456                       | 18,150,488                                | 8,563,502 60                   |
| 23 Section men .....   | 24,776                      | 60,407,960                                | 24,568,210 24                  |
| 24 Other unskilled labour .....                              | 14,445                      | 33,959,574                                | 13,138,429 90                  |
| 25 Foremen of const. gangs and work trains .....             | 317                         | 852,110                                   | 548,476 37                     |
| 26 Other men in const. gangs and work trains .....           | 6,064                       | 12,892,519                                | 4,643,029 25                   |
| 27 Travelling agents and solicitors .....                    | 299                         | 862,600                                   | 535,962 92                     |
| 28 Employees in outside agencies .....                       | 109                         | 274,019                                   | 229,665 19                     |
| 29 Other traffic employees .....                             | 1,062                       | 2,334,732                                 | 998,979 24                     |
| 30 Train dispatchers and directors .....                     | 551                         | 1,423,537                                 | 1,543,049 00                   |
| 31 Telegraphers, telephoners, and block operators .....      | 2,143                       | 5,765,561                                 | 4,069,950 78                   |
| 32 Telegraphers and telephoners operating interlockers ..... | 217                         | 680,624                                   | 318,067 90                     |
| 33 Levermen (non-telegraphers) .....                         | 420                         | 1,190,811                                 | 545,831 66                     |
| 34 Telegrapher-clerks .....                                  | 357                         | 989,727                                   | 609,978 21                     |
| 35 Agent-telegraphers .....                                  | 2,955                       | 7,797,153                                 | 6,275,052 34                   |
| 36 Station agents (non-telegraphers) .....                   | 686                         | 2,124,890                                 | 1,223,023 52                   |
| 37 Station masters and assistants .....                      | 95                          | 309,430                                   | 114,666 88                     |
| 38 Station service (except Nos. 3, 34, 35, 36 and 47) .....  | 9,777                       | 24,189,138                                | 11,343,007 91                  |
| 39 Yardmasters .....   | 258                         | 835,070                                   | 701,333 00                     |
| 40 Yardmaster's assistants (not yard clerks) .....           | 148                         | 473,970                                   | 352,622 43                     |
| 41 Yard engineers and motormen .....                         | 1,161                       | 3,509,087                                 | 2,556,631 43                   |
| 42 Yard firemen and helpers .....                            | 1,221                       | 3,522,863                                 | 1,869,662 06                   |
| 43 Yard conductors .....                                     | 1,235                       | 3,459,732                                 | 2,439,431 48                   |
| 44 Yard brakemen .....                                       | 2,544                       | 6,788,986                                 | 4,451,398 25                   |
| 45 Yard switch tenders .....                                 | 497                         | 1,400,782                                 | 680,699 91                     |
| 46 Other yard employees .....                                | 313                         | 853,888                                   | 282,351 25                     |
| 47 Hostlers .....  | 693                         | 1,683,561                                 | 935,491 42                     |
| 48 Enginehouse watchmen and labourers .....                  | 4,915                       | 13,400,424                                | 5,780,784 62                   |
| 49 Road freight engineers and motormen .....                 | 3,260                       | 9,350,156                                 | 8,126,508 79                   |
| 50 Road freight firemen and helpers .....                    | 3,589                       | 9,392,249                                 | 5,998,328 75                   |
| 51 Road freight conductors .....                             | 2,599                       | 8,368,242                                 | 5,970,728 59                   |
| 52 Road freight brakemen and flagmen .....                   | 5,542                       | 17,159,253                                | 9,347,282 96                   |
| 53 Road passenger engineers and motormen .....               | 1,096                       | 2,954,848                                 | 3,224,355 68                   |
| 54 Road passenger firemen and helpers .....                  | 1,059                       | 2,822,455                                 | 2,345,695 96                   |
| 55 Road passenger conductors .....                           | 809                         | 2,370,741                                 | 2,005,245 49                   |
| 56 Road passenger baggagemen .....                           | 722                         | 2,194,702                                 | 1,286,852 09                   |
| 57 Road passenger brakemen and flagmen .....                 | 1,094                       | 3,089,855                                 | 1,829,614 05                   |
| 58 Other road trainmen .....                                 | 95                          | 207,899                                   | 88,736 66                      |
| 59 Crossing flagmen and gatemen .....                        | 765                         | 2,161,675                                 | 840,208 08                     |
| 60 Drawbridge operators .....                                | 117                         | 340,902                                   | 153,284 16                     |
| 61 Floating-equipment employees .....                        | 1,965                       | 10,287,067                                | 2,109,824 33                   |
| 62 Express-service employees .....                           | 822                         | 2,084,235                                 | 886,984 89                     |
| 63 Policemen and watchmen .....                              | 781                         | 2,611,110                                 | 1,005,387 35                   |
| 64 All other transportation employees .....                  | 788                         | 2,335,552                                 | 1,034,278 73                   |
| 65 All other employees .....                                 | 8,421                       | 24,768,498                                | 8,489,238 44                   |
| TOTAL .....  | 173,728                     | 446,372,562                               | 233,323,074 31                 |

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## AVERAGE HOURLY COMPENSATION OF RAILWAY EMPLOYEES

| Class of Employees  | Year ended June 30 |      |       | Year ended Dec. 31, 1919 |
|---|--------------------|------|-------|--------------------------|
|   | 1917               | 1918 | 1919  |                          |
|   | \$                 | \$   | \$    |                          |
| 1 General officers.....                                     |                    |      |       |                          |
| 2 Division officers.....                                    |                    |      |       |                          |
| 3 Clerks.....   |                    |      |       |                          |
| 4 Messengers and attendants.....                            | ·280               | ·307 | ·442  | ·458                     |
| 5 Assistant engineers and draftsmen.....                    | ·117               | ·178 | ·240  | ·242                     |
| 6 M. W. and S. foreman (excluding Nos. 7 and 25).....       | ·355               | ·409 | ·545  | ·491                     |
| 7 Section foremen.....                                      | ·355               | ·394 | ·531  | ·639                     |
| 8 General foremen, M. E. department.....                    | ·279               | ·314 | ·635  | ·529                     |
| 9 Gang and other foremen, M. E. department.....             | ·487               | ·540 | ·787  | ·686                     |
| 10 Machinists.....  | ·385               | ·457 | ·734  | ·791                     |
| 11 Boiler makers.....                                       | ·422               | ·467 | ·635  | ·763                     |
| 12 Blacksmiths.....   | ·394               | ·455 | ·600  | ·694                     |
| 13 Masons and bricklayers.....                              | ·250               | ·423 | ·680  | ·709                     |
| 14 Structural iron workers.....                             | ·350               | ·431 | ·585  | ·603                     |
| 15 Carpenters.....  | ·305               | ·334 | ·436  | ·508                     |
| 16 Painters and upholsterers.....                           | ·304               | ·368 | ·581  | ·627                     |
| 17 Electricians.....  | ·296               | ·362 | ·597  | ·670                     |
| 18 Air-brake men.....                                       | ·323               | ·373 | ·613  | ·718                     |
| 19 Car inspectors.....                                      | ·387               | ·342 | ·583  | ·636                     |
| 20 Car repairers.....                                       | ·298               | ·321 | ·559  | ·674                     |
| 21 Other skilled labour.....                                | ·263               | ·321 | ·542  | ·593                     |
| 22 Mechanics' helpers and apprentices.....                  | ·296               | ·350 | ·550  | ·574                     |
| 23 Section men.....   | ·237               | ·298 | ·432  | ·472                     |
| 24 Other unskilled labour.....                              | ·206               | ·237 | ·366  | ·407                     |
| 25 Foremen of const. gangs and work trains.....             | ·219               | ·252 | ·342  | ·387                     |
| 26 Other men in const. gangs and work trains.....           | ·363               | ·329 | ·555  | ·644                     |
| 27 Travelling agents and solicitors.....                    | ·212               | ·268 | ·315  | ·360                     |
| 28 Employees in outside agencies.....                       | ·473               | ·471 | ·602  | ·621                     |
| 29 Other traffic employees.....                             | ·557               | ·802 | ·860  | ·838                     |
| 30 Train dispatchers and directors.....                     | ·388               | ·445 | ·370  | ·428                     |
| 31 Telegraphers, telephoners, and block operators.....      | ·623               | ·704 | ·957  | 1·084                    |
| 32 Telegraphers and telephoners operating interlockers..... | ·308               | ·382 | ·608  | ·706                     |
| 33 Lovemen (non-telegraphers).....                          | ·258               | ·338 | ·424  | ·467                     |
| 34 Telegrapher-clerks.....                                  | ·187               | ·07  | ·402  | ·458                     |
| 35 Agent-telegraphers.....                                  | ·84                | ·328 | ·510  | ·616                     |
| 36 Station agents (non-telegraphers).....                   | ·318               | ·381 | ·602  | ·805                     |
| 37 Station masters and assistants.....                      | ·322               | ·361 | ·520  | ·576                     |
| 38 Station service (except Nos. 3, 34, 35, 36 and 47).....  | ·243               | ·306 | ·411  | ·371                     |
| 39 Yardmasters.....   | ·225               | ·257 | ·390  | ·469                     |
| 40 Yardmaster's assistants (not yard clerks).....           | ·458               | ·507 | ·724  | ·810                     |
| 41 Yard engineers and motormen.....                         | ·333               | ·416 | ·639  | ·744                     |
| 42 Yard firemen and helpers.....                            | ·422               | ·532 | ·676  | ·729                     |
| 43 Yard conductors.....                                     | ·264               | ·334 | ·479  | ·531                     |
| 44 Yard brakemen.....                                       | ·389               | ·444 | ·644  | ·705                     |
| 45 Yard switch tenders.....                                 | ·375               | ·412 | ·636  | ·656                     |
| 46 Other yard employees.....                                | ·201               | ·199 | ·380  | ·486                     |
| 47 Hostlers.....  | ·163               | ·203 | ·280  | ·331                     |
| 48 Enginehouse watchmen and labourers.....                  | ·284               | ·303 | ·432  | ·556                     |
| 49 Road freight engineers and motormen.....                 | ·212               | ·247 | ·386  | ·431                     |
| 50 Road freight firemen and helpers.....                    | ·538               | ·660 | ·798  | ·869                     |
| 51 Road freight conductors.....                             | ·364               | ·437 | ·607  | ·639                     |
| 52 Road freight brakemen and flagmen.....                   | ·483               | ·560 | ·678  | ·713                     |
| 53 Road passenger engineers and motormen.....               | ·324               | ·338 | ·537  | ·545                     |
| 54 Road passenger firemen and helpers.....                  | ·688               | ·838 | 1·017 | 1·091                    |
| 55 Road passenger conductors.....                           | ·413               | ·559 | ·767  | ·831                     |
| 56 Road passenger baggagemen.....                           | ·589               | ·552 | ·798  | ·846                     |
| 57 Road passenger brakemen and flagmen.....                 | ·375               | ·359 | ·560  | ·586                     |
| 58 Other road trainmen.....                                 | ·372               | ·366 | ·556  | ·592                     |
| 59 Crossing flagmen and gatemen.....                        | ·296               | ·488 | ·448  | ·427                     |
| 60 Drawbridge operators.....                                | ·146               | ·175 | ·351  | ·389                     |
| 61 Floating-equipment employees.....                        | ·189               | ·232 | ·412  | ·450                     |
| 62 Express-service employees.....                           | ·133               | ·155 | ·179  | ·205                     |
| 63 Policemen and watchmen.....                              | ·171               | ·257 | ·350  | ·426                     |
| 64 All transportation employees.....                        | ·219               | ·248 | ·352  | ·385                     |
| 65 All other employees.....                                 | ·213               | ·244 | ·385  | ·443                     |
| TOTAL.....  | ·188               | ·220 | ·307  | ·343                     |
| TOTAL.....  | ·288               | ·331 | ·484  | ·523                     |

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## FREIGHT CARS IN SERVICE

|                             | For Year ended June 30. |           |           | For Year<br>ended Dec.<br>31.<br>1919. |
|-----------------------------|-------------------------|-----------|-----------|--|
|                             | 1917.                   | 1918.     | 1919.     |  |
| Box cars—Number.....        | 145,290                 | 150,074   | 153,520   | 154,044                                |
| Total capacity, tons.....   | 4,599,651               | 5,126,659 | 5,255,121 | 5,269,064                              |
| Average capacity, tons..... | 33,723                  | 34,161    | 34,231    | 34,205                                 |
| Flat—Number.....            | 25,322                  | 23,414    | 24,768    | 25,657                                 |
| Total capacity, tons.....   | 816,245                 | 759,768   | 817,847   | 852,047                                |
| Average capacity, tons..... | 32,234                  | 32,449    | 33,020    | 33,209                                 |
| Stock—Number.....           | 7,883                   | 8,556     | 9,189     | 11,023                                 |
| Total capacity, tons.....   | 232,185                 | 253,350   | 272,590   | 330,745                                |
| Average capacity, tons..... | 29,454                  | 29,611    | 29,665    | 30,005                                 |
| Coal—Number.....            | 15,649                  | 16,949    | 18,375    | 17,908                                 |
| Total capacity, tons.....   | 538,609                 | 692,785   | 772,800   | 758,342                                |
| Average capacity, tons..... | 34,418                  | 40,875    | 42,057    | 42,347                                 |
| Tank—Number.....            | 731                     | 485       | 419       | 414                                    |
| Total capacity, tons.....   | 25,134                  | 16,306    | 14,340    | 14,258                                 |
| Average capacity, tons..... | 34,383                  | 33,621    | 34,224    | 34,440                                 |
| Refrigerator—Number.....    | 5,234                   | 5,893     | 6,022     | 5,591                                  |
| Total capacity, tons.....   | 155,510                 | 176,890   | 180,800   | 169,105                                |
| Average capacity, tons..... | 26,712                  | 30,017    | 30,023    | 30,246                                 |
| Other—Number.....           | 3,390                   | 3,664     | 4,965     | 5,158                                  |
| Total capacity, tons.....   | 137,122                 | 141,012   | 185,797   | 194,137                                |
| Average capacity, tons..... | 40,449                  | 38,486    | 37,421    | 37,638                                 |
| Total—Number.....           | 203,499                 | 209,035   | 217,258   | 219,795                                |
| Total capacity, tons.....   | 6,504,456               | 7,166,770 | 7,499,295 | 7,587,698                              |
| Average capacity, tons..... | 33,437                  | 34,285    | 34,518    | 34,522                                 |

## PASSENGER CARS IN SERVICE

|                                      | For Year ended June 30. |         |         | For Year<br>ended<br>Dec. 31.<br>1919. |
|--------------------------------------|-------------------------|---------|---------|--|
|                                      | 1917.                   | 1918.   | 1919.   |  |
| First class.....                     | 2,168                   | 2,172   | 2,172   | 2,209                                  |
| Second class.....                    | 687                     | 595     | 618     | 592                                    |
| Combination.....                     | 418                     | 406     | 393     | 382                                    |
| Emigrant.....                        | 534                     | 568     | 701     | 671                                    |
| Dining.....                          | 216                     | 190     | 203     | 204                                    |
| Parlour.....                         | 155                     | 166     | 164     | 162                                    |
| Sleeping.....                        | 562                     | 555     | 550     | 548                                    |
| Baggage, express and postal.....     | 1,462                   | 1,514   | 1,513   | 1,584                                  |
| Other.....                           | 175                     | 204     | 195     | 186                                    |
| Total.....                           | 6,377                   | 6,376   | 6,512   | 6,538                                  |
| Cars in company service—             |                         |         |         |  |
| Officers and pay.....                | 144                     | 446     | 154     | 159                                    |
| Gravel.....                          | 5,341                   | 5,132   | 5,298   | 4,922                                  |
| Derrick.....                         | 216                     | 215     | 241     | 254                                    |
| Caboose.....                         | 3,074                   | 3,165   | 3,220   | 3,225                                  |
| Other road.....                      | 9,866                   | 9,932   | 8,840   | 8,733                                  |
| Total.....                           | 18,641                  | 18,890  | 17,753  | 17,293                                 |
| Total cars in service.....           | 228,517                 | 234,301 | 241,523 | 243,626                                |
| Cars leased (included in above)..... | 317                     | 239     | 428     | 358                                    |

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## LOCOMOTIVES IN SERVICE

|                                 | Year ended June 30. |       |       | Year ended<br>Dec. 31,<br>1919. |
|---------------------------------|---------------------|-------|-------|---------------------------------|
|                                 | 1917.               | 1918. | 1919. |                                 |
| Locomotives—                    |                     |       |       |                                 |
| Passenger.....                  | 1,389               | 1,372 | 1,457 | 1,515                           |
| Freight.....                    | 3,490               | 3,603 | 3,610 | 3,607                           |
| Switching.....                  | 747                 | 781   | 812   | 825                             |
| Total.....                      | 5,626               | 5,756 | 5,879 | 5,947                           |
| Leased (included in above)..... | 74                  | 65    | 26    | 101                             |

The total tractive power of all locomotives for the year ended December 31, 1919, was 176,173,991 pounds, an average of 30,234 pounds per locomotive.

## FUEL CONSUMED BY LOCOMOTIVES. (Tons)

| Class of Locomotive.         | Year ended June 30. |              |              | Year ended<br>Dec. 31,<br>1919. |
|------------------------------|---------------------|--------------|--------------|---------------------------------|
|                              | 1917.               | 1918.        | 1919.        |                                 |
| Freight.....                 | 5,675,606           | 5,852,935    | 5,185,560    | 5,052,591                       |
| Passenger.....               | 2,127,621           | 2,092,912    | 2,088,087    | 2,347,468                       |
| Mixed.....                   | 524,917             | 445,058      | 499,467      | 488,716                         |
| Switching.....               | 1,463,820           | 1,454,384    | 1,345,598    | 1,444,740                       |
| Special and non-revenue..... | 338,835             | 328,055      | 332,306      | 363,110                         |
| Total tons.....              | 10,130,799          | 10,173,344   | 9,451,018    | 9,696,625                       |
| Total cost.....              | \$36,784,642        | \$52,630,430 | \$52,214,897 | \$52,563,334                    |
| Average cost per ton.....    | 3.63                | 5.17         | 5.52         | 5.42                            |

## FUEL CONSUMED PER 100 LOCOMOTIVE MILES (Tons)

| Class of Locomotive.         | Year ended June 30. |       |       | Year ended<br>Dec. 31,<br>1919. |
|------------------------------|---------------------|-------|-------|---------------------------------|
|                              | 1917.               | 1918. | 1919. |                                 |
| Freight.....                 | 8.23                | 9.15  | 8.55  | 8.55                            |
| Passenger.....               | 4.83                | 5.12  | 4.93  | 5.09                            |
| Mixed.....                   | 6.09                | 5.64  | 5.81  | 6.00                            |
| Switching.....               | 5.13                | 5.09  | 5.60  | 5.65                            |
| Special and non-revenue..... | 2.18                | 6.03  | 5.82  | 5.92                            |

## COST OF FUEL PER 100 LOCOMOTIVE MILES

| Class of Locomotive.         | Year ended June 30. |          |          | Year ended<br>Dec. 31,<br>1919. |
|------------------------------|---------------------|----------|----------|---------------------------------|
|                              | 1917.               | 1918.    | 1919.    |                                 |
| Freight.....                 | \$ 29.87            | \$ 47.30 | \$ 47.22 | \$ 46.36                        |
| Passenger.....               | 17.53               | 26.47    | 27.22    | 27.57                           |
| Mixed.....                   | 22.10               | 29.15    | 32.09    | 32.52                           |
| Switching.....               | 18.62               | 26.32    | 30.94    | 30.64                           |
| Special and non-revenue..... | 7.91                | 31.17    | 32.15    | 32.07                           |

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## FUEL ANALYSIS FOR THE YEAR ENDED DECEMBER 31, 1919

| Class of Locomotive     | Coal            |                 | Wood   | Other Fuel |          |           | Miles Run   |
|-------------------------|-----------------|-----------------|--------|------------|----------|-----------|-------------|
|                         | Anthra-<br>cite | Bitumin-<br>ous |        | Oil        | Charcoal | Total     |             |
|                         | Tons            | Tons            |        |            |          |           |             |
| Freight.....            | 1,629           | 4,850,170       | 25,608 | 30,969,300 | 45,576   | 5,052,591 | 59,063,240  |
| Passenger.....          | 581             | 2,228,189       | 12,262 | 18,564,081 | 43,558   | 2,347,468 | 46,154,564  |
| Mixed.....              | 841             | 479,803         | 2,801  | 1,113,710  | 4,592    | 488,716   | 8,146,394   |
| Switching.....          |                 | 1,422,344       | 8,636  | 2,963,652  | 16,942   | 1,444,740 | 25,560,456  |
| Special and non-revenue | 92              | 348,685         | 2,368  | 2,050,924  | 3,180    | 363,110   | 6,137,047   |
| Total.....              | 3,143           | 9,329,191       | 51,695 | 55,661,667 | 113,848  | 9,696,625 | 145,061,701 |

## RAILWAY TIES CONSUMPTION

| Class.                    | Year ended June 30. |           |              | Year ended<br>Dec. 31,<br>1919. |
|---------------------------|---------------------|-----------|--------------|---------------------------------|
|                           | 1917.               | 1918.     | 1919.        |                                 |
| Cedar—                    |                     |           |              |                                 |
| Number of ties.....       | 631,673             | 610,158   | 1,259,841    | 1,661,261                       |
| Cost of ties.....         | \$ 293,659          | 351,377   | 997,092.16   | 1,329,008.80                    |
| Average cost of ties..... | 46.4¢               | 62.5¢     | 79.2¢        | 80.0¢                           |
| Oak—                      |                     |           |              |                                 |
| Number of ties.....       | 460,903             | 686,886   | 907,142      | 1,033,823                       |
| Cost of ties.....         | \$ 334,210          | 592,747   | 929,097.63   | 1,017,281.83                    |
| Average cost of ties..... | 72.4¢               | 86.3¢     | \$1.02       | 98.4¢                           |
| Hemlock—                  |                     |           |              |                                 |
| Number of ties.....       | 197,118             | 304,103   | 1,360,533    | 1,434,975                       |
| Cost of ties.....         | \$ 73,281           | 137,211   | 942,021.71   | 1,051,836.67                    |
| Average cost of ties..... | 37.1¢               | 45.1¢     | 69.2¢        | 73.3¢                           |
| Spruce—                   |                     |           |              |                                 |
| Number of ties.....       | 196,087             | 88,482    | 893,864      | 818,556                         |
| Cost of ties.....         | \$ 54,633           | 28,645    | 631,967.95   | 556,618.08                      |
| Average cost of ties..... | 22.2¢               | 32.4¢     | 70.7¢        | 68.0¢                           |
| Fir—                      |                     |           |              |                                 |
| Number of ties.....       | 62,483              | 63,678    | 267,858      | 601,405                         |
| Cost of ties.....         | \$ 23,220           | 25,903    | 165,735.77   | 369,864.08                      |
| Average cost of ties..... | 37.1¢               | 40.6¢     | 61.8¢        | 61.5¢                           |
| Tamarack—                 |                     |           |              |                                 |
| Number of ties.....       | 813,697             | 180,269   | 1,091,836    | 1,752,148                       |
| Cost of ties.....         | \$ 379,608          | 102,526   | 843,442.70   | 1,363,171.14                    |
| Average cost of ties..... | 46.6¢               | 56.8¢     | 77.2¢        | 77.8¢                           |
| Pine—                     |                     |           |              |                                 |
| Number of ties.....       | 1,309,852           | 1,849,615 | 3,124,427    | 2,862,600                       |
| Cost of ties.....         | \$ 634,373          | 995,596   | 2,448,147.80 | 2,358,782.40                    |
| Average cost of ties..... | 48.4¢               | 54.0¢     | 78.3¢        | 82.4¢                           |
| Chestnut—                 |                     |           |              |                                 |
| Number of ties.....       | 134,087             | 36,477    | 58,241       | 34,786                          |
| Cost of ties.....         | \$ 76,788           | 24,724    | 52,135.47    | 31,481.33                       |
| Average cost of ties..... | 57.2¢               | 67.7¢     | 90.0¢        | 90.5¢                           |
| Soft wood—                |                     |           |              |                                 |
| Number of ties.....       | 11,457              |           | 9,492        | 19,498                          |
| Cost of ties.....         | \$ 5,338            |           | 7,878.36     | 16,573.30                       |
| Average cost of ties..... | 46.6¢               |           | 83.0¢        | 85.0¢                           |
| Hardwood—                 |                     |           |              |                                 |
| Number of ties.....       | 10,776              |           | 9,748        | 22,469                          |
| Cost of ties.....         | \$ 2,694            |           | 7,642.94     | 18,873.96                       |
| Average cost of ties..... | 25.0¢               |           | 78.4¢        | 84.0¢                           |
| Treated—                  |                     |           |              |                                 |
| Number of ties.....       | 3,106,636           | 1,732,598 | 728,485      | 168,679                         |
| Cost of ties.....         | \$1,624,436         | 1,471,266 | 590,280.21   | 208,697.29                      |
| Average cost of ties..... | 52.2¢               | 83.8¢     | 81.0¢        | \$1.23                          |
| Unclassified—             |                     |           |              |                                 |
| Number of ties.....       | 1,918,092           | 1,233,655 | 2,144,906    | 18,084                          |
| Cost of ties.....         | \$ 865,854          | 941,317   | 1,754,076.65 | 19,191.10                       |
| Average cost of ties..... | 45.1¢               | 76.3¢     | 81.7¢        | \$1.06                          |
| Total—                    |                     |           |              |                                 |
| Number of ties.....       | 8,852,861           | 7,785,921 | 11,856,373   | 10,428,284                      |
| Cost of ties.....         | \$4,368,124         | 4,701,312 | 9,369,519.35 | 8,341,379.98                    |
| Average cost of ties..... | 49.3¢               | 60.3¢     | 79.0¢        | 80.0¢                           |

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## ACCIDENTS RESULTING FROM THE MOVEMENT OF TRAINS

Accidents to passengers:—

## KILLED

| Causes—Accidents to Passengers. | Killed.             |      |      |                        |
|---------------------------------|---------------------|------|------|------------------------|
|                                 | Year ended June 30. |      |      | Year ended<br>Dec. 31. |
|                                 | 1917                | 1918 | 1919 | 1919                   |
| Collisions.....                 | 6                   | 13   | 2    | 21                     |
| Deraillments.....               |                     |      |      |                        |
| Parting of trains.....          |                     |      |      |                        |
| Falling from trains, etc.....   | 5                   | 4    | 3    | 3                      |
| Jumping on or off.....          | 7                   | 8    | 11   | 6                      |
| Struck at highways.....         |                     | 1    |      |                        |
| Struck at stations.....         | 1                   | 1    | 2    |                        |
| Struck at other points.....     | 2                   | 1    | 1    | 1                      |
| Other causes.....               | 3                   | 4    | 15   | 2                      |
| Total.....                      | 24                  | 32   | 34   | 33                     |

## INJURED

| Causes—Accidents to Passengers.        | Injured.            |      |      |                        |
|--|---------------------|------|------|------------------------|
|  | Year ended June 30. |      |      | Year ended<br>Dec. 31. |
|  | 1917                | 1918 | 1919 | 1919                   |
| Collisions.....                        | 88                  | 104  | 25   | 87                     |
| Deraillments.....                      | 129                 | 69   | 130  | 124                    |
| Parting of trains.....                 | 7                   | 13   | 1    | 1                      |
| Locomotives or cars breaking down..... |                     |      |      | 5                      |
| Falling from trains, etc.....          | 33                  | 34   | 31   | 32                     |
| Jumping on or off.....                 | 56                  | 38   | 43   | 47                     |
| Struck at highways.....                | 1                   | 1    | 2    | 3                      |
| Struck at stations.....                | 14                  | 4    | 2    | 3                      |
| Struck at other points.....            | 1                   | 1    | 3    | 7                      |
| Other causes.....                      | 81                  | 58   | 59   | 63                     |
| Total.....                             | 410                 | 322  | 296  | 372                    |

Accidents to employees:—

## KILLED

| Causes—Accidents to Employees.        | Killed.             |      |      |                        |
|---------------------------------------|---------------------|------|------|------------------------|
|                                       | Year ended June 30. |      |      | Year ended<br>Dec. 31. |
|                                       | 1917                | 1918 | 1919 | 1919.                  |
| Coupling or uncoupling.....           | 16                  | 9    | 11   | 11                     |
| Collisions.....                       | 15                  | 20   | 16   | 14                     |
| Deraillments.....                     | 13                  | 12   | 18   | 29                     |
| Parting of trains.....                | 2                   | 2    |      | 1                      |
| Locomotive or cars breaking down..... | 1                   |      | 3    | 4                      |
| Falling from trains or cars.....      | 30                  | 12   | 24   | 26                     |
| Jumping on or off.....                | 12                  | 14   | 3    | 3                      |
| Struck by trains, etc.....            | 75                  | 62   | 49   | 60                     |
| Overhead obstructions.....            | 4                   | 3    | 5    | 2                      |
| Other causes.....                     | 11                  | 20   | 22   | 12                     |
| Total.....                            | 177                 | 154  | 151  | 162                    |

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## INJURED

| Cases—Accidents to Employees.         | Injured.            |       |       |                                |
|---------------------------------------|---------------------|-------|-------|--------------------------------|
|                                       | Year ended June 30, |       |       | Year ended<br>Dec. 31,<br>1919 |
|                                       | 1917                | 1918  | 1919  |                                |
| Coupling or uncoupling.....           | 187                 | 182   | 172   | 176                            |
| Collisions.....                       | 137                 | 80    | 153   | 107                            |
| Deraillments.....                     | 72                  | 92    | 144   | 137                            |
| Parting of trains.....                | 43                  | 19    | 34    | 25                             |
| Locomotive or cars breaking down..... | 30                  | 27    | 39    | 55                             |
| Falling from trains or cars.....      | 311                 | 293   | 286   | 314                            |
| Jumping on or off.....                | 233                 | 239   | 240   | 256                            |
| Struck by trains, etc.....            | 115                 | 154   | 126   | 112                            |
| Overhead obstructions.....            | 32                  | 35    | 33    | 41                             |
| Other causes.....                     | 749                 | 747   | 653   | 681                            |
| Total.....                            | 1,909               | 1,868 | 1,860 | 1,904                          |

## ACCIDENTS RESULTING FROM THE MOVEMENT OF TRAINS

|                             | For year ended June 30. |       |       | Year ended<br>Dec. 31,<br>1919 |
|-----------------------------|-------------------------|-------|-------|--------------------------------|
|                             | 1917                    | 1918  | 1919  |                                |
| Killed—Movement of Trains—  |                         |       |       |                                |
| Passengers.....             | 24                      | 32    | 34    | 33                             |
| Employees.....              | 177                     | 154   | 151   | 162                            |
| Trespassers.....            | 150                     | 129   | 112   | 129                            |
| Non-trespassers.....        | 64                      | 64    | 60    | 68                             |
| Postal clerks, etc.....     | 4                       | 4     | 2     | 7                              |
| Total.....                  | 419                     | 383   | 359   | 399                            |
| Injured—Movement of Trains— |                         |       |       |                                |
| Passengers.....             | 410                     | 322   | 296   | 372                            |
| Employees.....              | 1,909                   | 1,868 | 1,860 | 1,904                          |
| Trespassers.....            | 124                     | 140   | 133   | 132                            |
| Non-trespassers.....        | 193                     | 173   | 177   | 239                            |
| Postal clerks, etc.....     | 46                      | 46    | 80    | 65                             |
| Total.....                  | 2,682                   | 2,549 | 2,546 | 2,712                          |

## CLASSES OF EMPLOYEES

## KILLED

|                          | Year ended June 30. |      |      | Year ended<br>Dec. 31,<br>1919 |
|--------------------------|---------------------|------|------|--------------------------------|
|                          | 1917                | 1918 | 1919 |                                |
| Trainmen.....            | 102                 | 67   | 77   | 69                             |
| Trackmen.....            | 39                  | 47   | 50   | 59                             |
| Switch tenders, etc..... | 4                   | 6    | 7    | 3                              |
| Stationmen.....          | 6                   | 1    | 6    | 7                              |
| Shopmen.....             | 10                  | 13   | 5    | 9                              |
| Telegraph employees..... | 2                   | 2    | 1    | .....                          |
| Other employees.....     | 16                  | 18   | 5    | 15                             |
| Total.....               | 177                 | 154  | 151  | 162                            |



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## CLASSES OF EMPLOYEES

## INJURED

|                          | Year ended June 30. |       |       | Year ended<br>Dec. 31,<br>1919 |
|--------------------------|---------------------|-------|-------|--------------------------------|
|                          | 1917                | 1918  | 1919  |                                |
| Trainmen.....            | 1,439               | 1,372 | 1,369 | 1,419                          |
| Trackmen.....            | 135                 | 175   | 201   | 194                            |
| Switch tenders, etc..... | 34                  | 20    | 37    | 41                             |
| Stationmen.....          | 28                  | 14    | 31    | 44                             |
| Shopmen.....             | 93                  | 98    | 94    | 67                             |
| Telegraph employees..... | 7                   | 11    | 23    | 14                             |
| Other employees.....     | 173                 | 178   | 105   | 125                            |
| Total.....               | 1,909               | 1,868 | 1,860 | 1,904                          |

## ACCIDENTS RESULTING FROM OTHER CAUSES THAN THE MOVEMENT OF TRAINS

|                      | Year ended June 30. |       |       | Year ended<br>Dec. 31,<br>1919 |
|----------------------|---------------------|-------|-------|--------------------------------|
|                      | 1917                | 1918  | 1919  |                                |
| <b>Killed—</b>       |                     |       |       |                                |
| Passengers.....      |                     |       | 2     | 1                              |
| Trackmen, etc.....   | 8                   | 6     | 6     | 10                             |
| Stationmen.....      |                     | 3     | 3     | 2                              |
| Shopmen.....         | 7                   | 4     | 8     | 6                              |
| Other employees..... | 17                  | 11    | 6     | 17                             |
| Other persons.....   | 1                   | 3     | 2     | 5                              |
| Total.....           | 33                  | 27    | 27    | 41                             |
| <b>Injured—</b>      |                     |       |       |                                |
| Passengers.....      | 22                  | 22    | 22    | 20                             |
| Trackmen, etc.....   | 653                 | 798   | 970   | 1,234                          |
| Stationmen.....      | 371                 | 434   | 428   | 671                            |
| Shopmen.....         | 952                 | 1,185 | 1,449 | 1,733                          |
| Other employees..... | 711                 | 1,064 | 725   | 807                            |
| Postal clerks.....   |                     |       |       | 13                             |
| Other persons.....   | 38                  | 34    | 22    | 27                             |
| Total.....           | 2,747               | 3,540 | 3,616 | 4,505                          |

## ACCIDENTS AT HIGHWAY CROSSINGS

| Class of Highway Crossing | Killed  |      |      |                     | Injured |      |      |                     |
|---------------------------|---------|------|------|---------------------|---------|------|------|---------------------|
|                           | June 30 |      |      | Dec.<br>31,<br>1919 | June 30 |      |      | Dec.<br>31,<br>1919 |
|                           | 1917    | 1918 | 1919 |                     | 1917    | 1918 | 1919 |                     |
| Urban.....                | 29      | 40   | 32   | 39                  | 88      | 76   | 79   | 95                  |
| Rural.....                | 29      | 33   | 30   | 30                  | 56      | 56   | 79   | 98                  |
| Total.....                | 58      | 73   | 62   | 69                  | 144     | 132  | 158  | 193                 |

## ACCIDENTS AT HIGHWAY CROSSINGS

| Year ended        | Protected Crossings |       | Unprotected Crossings |        |
|-------------------|---------------------|-------|-----------------------|--------|
|                   | Urban               | Rural | Urban                 | Rural  |
| 1917—June 30..... | 987                 | 1,085 | 3,886                 | 23,379 |
| 1918—“ 30.....    | 1,028               | 1,049 | 3,832                 | 20,985 |
| 1919—“ 30.....    | 1,087               | 1,079 | 2,908                 | 21,111 |
| 1919—Dec. 31..... | 1,114               | 1,133 | 2,277                 | 20,309 |

| Crossings—How Protected | Year ended June 30 |       |       |       |       |       | Year ended Dec. 31 1919 |       |
|-------------------------|--------------------|-------|-------|-------|-------|-------|-------------------------|-------|
|                         | 1917               |       | 1918  |       | 1919  |       | Rural                   | Urban |
|                         | Rural              | Urban | Rural | Urban | Rural | Urban |                         |       |
| By gates.....           | 59                 | 202   | 43    | 224   | 46    | 240   | 44                      | 237   |
| By bridges.....         | 301                | 190   | 295   | 195   | 303   | 201   | 353                     | 213   |
| By subways.....         | 429                | 293   | 399   | 301   | 419   | 307   | 431                     | 304   |
| By bells.....           | 271                | 187   | 272   | 190   | 287   | 219   | 281                     | 227   |
| By watchmen.....        | 25                 | 115   | 40    | 118   | 24    | 120   | 24                      | 133   |
| Total.....              | 1,085              | 987   | 1,049 | 1,028 | 1,079 | 1,087 | 1,133                   | 1,114 |

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## ELECTRIC RAILWAYS

## MILEAGE

First track mileage:—

|                    |          |                        |          |
|--------------------|----------|------------------------|----------|
| 1910, June 30..... | 1,047.07 | 1916, June 30.....     | 1,724.71 |
| 1911 ".....        | 1,223.73 | 1917 ".....            | 1,743.54 |
| 1912 ".....        | 1,308.17 | 1918 ".....            | 1,616.36 |
| 1913 ".....        | 1,356.63 | 1919 ".....            | 1,696.52 |
| 1914 ".....        | 1,560.82 | 1919, December 31..... | 1,686.78 |
| 1915 ".....        | 1,590.29 |                        |          |

Analysis of mileage:—

| Length of Tracks                     | Year ended June 30 |          |          | Year ended<br>Dec. 31<br>1919 |
|--------------------------------------|--------------------|----------|----------|-------------------------------|
|                                      | 1917               | 1918     | 1919     |                               |
|                                      | Miles              | Miles    | Miles    | Miles                         |
| Length of first main track.....      | 1,743.54           | 1,616.36 | 1,696.52 | 1,686.78                      |
| Length of second main track.....     | 345.72             | 453.11   | 482.36   | 484.65                        |
| Total length of main track.....      | 2,089.26           | 2,069.47 | 2,178.88 | 2,171.41                      |
| Length of sidings and turnouts.....  | 188.70             | 188.57   | 220.92   | 228.16                        |
| Total, computed as single track..... | 2,277.96           | 2,276.04 | 2,399.80 | 2,399.57                      |

## CAPITALIZATION

Stocks and funded debt:—

| Year ended             | Stocks     | Funded Debt | Total       |
|------------------------|------------|-------------|-------------|
|                        | \$         | \$          | \$          |
| 1910, June 30.....     | 58,653,826 | 43,391,153  | 102,044,979 |
| 1911 ".....            | 62,251,203 | 49,281,144  | 111,532,347 |
| 1912 ".....            | 70,829,118 | 52,012,828  | 122,841,946 |
| 1913 ".....            | 62,079,767 | 79,155,864  | 141,235,631 |
| 1914 ".....            | 66,311,098 | 81,284,244  | 147,595,342 |
| 1915 ".....            | 66,696,675 | 83,647,327  | 150,344,002 |
| 1916 ".....            | 67,738,275 | 87,157,309  | 154,895,584 |
| 1917 ".....            | 70,606,520 | 90,628,219  | 161,234,739 |
| 1918 ".....            | 73,864,820 | 93,388,273  | 167,253,093 |
| 1919 ".....            | 93,042,368 | 78,852,188  | 171,894,556 |
| 1919, December 31..... | 91,757,418 | 81,283,922  | 173,041,340 |

Details will be found in table 2. It may be explained, however, that the foregoing capitalization does not include \$493,346 of cash aid given to electric railways by governments and municipalities.

## INCOME ACCOUNT

|                                    | Year ended June 30 |                 | Year ended      |
|------------------------------------|--------------------|-----------------|-----------------|
|                                    | 1918               | 1919            | December 1919   |
| <b>Earnings and Income—</b>        |                    |                 |                 |
| Gross earnings from operation..... | \$24,299,889 69    | \$35,696,532 34 | \$40,698,585 89 |
| Operating expenses.....            | 17,535,974 63      | 26,839,070 77   | 31,385,702 34   |
| Net operating revenue.....         | \$ 6,763,915 06    | \$ 8,857,461 57 | \$ 9,312,883 55 |
| Miscellaneous income.....          | 2,311,176 60       | 2,723,510 02    | 2,921,097 58    |
| Total corporate income.....        | \$ 9,075,091 66    | \$11,580,971 59 | \$12,233,981 13 |
| <b>Deductions from Income—</b>     |                    |                 |                 |
| Taxes.....                         | \$ 2,122,618 84    | \$ 2,504,295 36 | \$ 2,590,133 94 |
| Interest—funded debt.....          | 2,784,848 84       | 2,919,543 07    | 4,043,550 52    |
| “ floating debt.....               | 978,874 63         | 913,036 55      | 936,177 23      |
| Other deductions.....              | 263,731 90         | 3,777,550 88    | 960,053 15      |
| Total deductions.....              | \$ 6,150,074 21    | \$10,114,425 86 | \$ 8,529,914 84 |
| Total net income.....              | \$ 2,925,017 45    | \$ 1,466,545 73 | \$ 3,704,066 29 |
| <b>Deductions from Net Income—</b> |                    |                 |                 |
| Reserves, etc.....                 | \$ 1,466,339 35    | \$ 1,394,921 52 | \$ 1,810,796 57 |
| Dividends.....                     | 1,671,358 93       | 1,508,716 00    | 2,684,728 50    |
| Total.....                         | \$ 3,137,698 28    | \$ 2,903,637 52 | \$ 4,495,526 07 |
| Deficit.....                       | \$ 212,680 83      | \$ 1,437,091 79 | \$ 791,459 78   |

## EARNINGS AND OPERATING EXPENSES

|                         |                 |
|-------------------------|-----------------|
| Gross earnings.....     | \$40,698,585 89 |
| Operating expenses..... | 31,385,702 34   |

The ratio of operating expenses to gross earnings was 77.11 per cent.

Analysis of gross earnings:—

|                                    | Year ended June 30 |               |               | Year ended    |
|------------------------------------|--------------------|---------------|---------------|---------------|
|                                    | 1917               | 1918          | 1919          | Dec. 31, 1919 |
|                                    |                    | \$ cts.       | \$ cts.       | \$ cts.       |
| <b>Car earnings—</b>               |                    |               |               |               |
| Passengers.....                    | 27,621,582 36      | 21,943,644 04 | 32,836,609 79 | 37,547,455 90 |
| Freight.....                       | 1,547,919 60       | 1,575,408 57  | 2,045,303 31  | 2,259,584 73  |
| Mails and express.....             | 132,401 46         | 129,317 96    | 163,703 74    | 216,224 51    |
| Other car earnings.....            | 464,402 18         | 139,104 86    | 105,548 39    | 129,637 96    |
|                                    | 29,766,305 60      | 23,787,475 43 | 35,151,165 23 | 40,152,903 10 |
| <b>Miscellaneous earnings—</b>     |                    |               |               |               |
| Advertising.....                   | 89,972 70          | 97,014 12     | 131,764 48    | 149,235 12    |
| Rent of land and buildings.....    | 30,942 29          | 29,581 32     | 35,702 75     | 35,866 30     |
| Rent of tracks.....                | 22,100 97          | 17,709 99     | 21,656 55     | 23,656 66     |
| Rent of equipment.....             | 24,776 64          | 27,216 23     | 17,972 56     | 34,719 01     |
| Sale of power.....                 | 80,265 22          | 98,826 52     | 88,984 41     | 106,957 13    |
| Other miscellaneous earnings.....  | 223,300 12         | 242,066 08    | 249,286 36    | 195,248 57    |
| Total miscellaneous earnings.....  | 471,357 94         | 512,414 26    | 545,367 11    | 545,682 79    |
| Gross earnings from operation..... | 30,237,663 54      | 24,299,889 69 | 35,696,532 34 | 40,698,585 89 |

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## GROSS EARNINGS

| Year ended         | Gross Earnings | Year ended             | Gross Earnings |
|--------------------|----------------|------------------------|----------------|
|                    | \$             |                        | \$             |
| 1910, June 30..... | 17,100,789     | 1916, June 30.....     | 27,416,285     |
| 1911 ".....        | 20,356,952     | 1917 ".....            | 30,237,664     |
| 1912 ".....        | 23,499,250     | 1918 ".....            | 24,299,890     |
| 1913 ".....        | 28,216,111     | 1919 ".....            | 35,696,532     |
| 1914 ".....        | 29,691,007     | 1919, December 31..... | 40,698,586     |
| 1915 ".....        | 26,922,900     |                        |                |

## EARNINGS FROM TRANSPORTATION

| Year ended             | Passengers  | Freight   | Mail, etc. | Other   | Total      |
|------------------------|-------------|-----------|------------|---------|------------|
|                        | \$          | \$        | \$         | \$      | \$         |
| 1910, June 30.....     | 16,125,945  | 575,537   | 68,604     | 51,241  | 16,821,377 |
| 1911 ".....            | 19,130,376  | 744,179   | 88,233     | 100,930 | 20,063,719 |
| 1912 ".....            | 22,007,750  | 1,025,372 | 78,819     | 67,022  | 23,499,250 |
| 1913 ".....            | *19,794,400 | 1,211,871 | 72,516     | 85,793  | 21,164,580 |
| 1914 ".....            | *21,181,328 | 1,123,910 | 84,515     | 105,162 | 22,494,915 |
| 1915 ".....            | *18,879,689 | 982,041   | 79,696     | 82,672  | 20,024,099 |
| 1916 ".....            | *18,937,328 | 1,218,764 | 112,309    | 134,360 | 20,402,761 |
| 1917 ".....            | 27,621,582  | 1,547,920 | 132,402    | 464,402 | 29,766,306 |
| 1918 ".....            | *21,943,644 | 1,575,408 | 129,318    | 139,105 | 23,787,475 |
| 1919 ".....            | 32,836,610  | 2,045,303 | 163,704    | 105,548 | 35,151,165 |
| 1919, December 31..... | 37,547,456  | 2,359,584 | 216,225    | 129,638 | 40,152,903 |

\*Omit facts relating to Montreal Tramways.

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Tables 4 and 5 will afford details with respect to gross earnings and operating expenses.

## OPERATING EXPENSES

| Maintenance of Way and Structures.     | Year ended June 30. |              | Year ended   |
|--|---------------------|--------------|--------------|
|  | 1918.               | 1919.        | December     |
|  | § cts.              | § cts.       | § ct         |
| Superintendence.....                   | 74,612 54           | 81,081 12    | 91,160 57    |
| Ballast.....                           | 9,855 82            | 17,620 57    | 22,648 74    |
| Ties.....                              | 64,299 34           | 105,384 32   | 142,256 28   |
| Rails.....                             | 35,177 57           | 46,770 19    | 111,142 63   |
| Rail fastenings, etc.....              | 23,415 69           | 77,267 62    | 91,298 07    |
| Special work.....                      | 40,831 84           | 78,063 07    | 129,718 45   |
| Underground construction.....          | 3,258 29            | 4,035 36     | 4,590 73     |
| Roadway and track labour.....          | 465,902 51          | 857,064 43   | 1,018,497 64 |
| Paving.....                            | 34,233 30           | 75,228 95    | 198,163 53   |
| Miscellaneous track expenses.....      | 178,793 06          | 229,949 19   | 218,387 75   |
| Cleaning and sanding track.....        | 75,282 93           | 164,242 27   | 187,986 41   |
| Removal of snow, etc.....              | 245,523 10          | 362,621 13   | 378,784 87   |
| Tunnels.....                           | 329 92              | 38 22        | 1,966 72     |
| Elevated structures.....               | 24                  |              |              |
| Bridges, trestles and culverts.....    | 26,793 07           | 38,987 26    | 41,173 78    |
| Crossings, fences, etc.....            | 13,790 40           | 21,766 18    | 29,208 18    |
| Signal and interlocking systems.....   | 17,806 61           | 9,479 77     | 10,008 12    |
| Telephone and telegraph.....           | 6,178 72            | 8,332 72     | 9,611 69     |
| Other miscellaneous way expenses.....  | 30,471 02           | 38,817 80    | 42,755 36    |
| Poles and fixtures.....                | 9,334 59            | 16,804 33    | 19,989 88    |
| Underground conduits.....              |                     |              | 940 04       |
| Transmission system.....               | 74,016 11           | 63,244 53    | 98,560 59    |
| Distribution system.....               | 151,287 97          | 203,302 13   | 253,807 34   |
| Miscellaneous line expenses.....       | 47,688 76           | 158,215 57   | 156,698 46   |
| Buildings and structures.....          | 60,386 41           | 146,274 78   | 207,918 58   |
| Other operations—Dr.....               | 5,416 05            | 1,766 62     | 1,092 03     |
| “ —Cr.....                             | 10,123 89           |              |              |
| Equipment:—                            |                     |              |              |
| Superintendence.....                   | 77,947 48           | 92,124 02    | 105,881 22   |
| Power plant equipment.....             | 23,915 55           | 102,077 69   | 110,581 10   |
| Substation equipment.....              | 34,215 60           | 55,410 54    | 79,459 56    |
| Passenger and combination cars.....    | 877,394 01          | 1,619,653 81 | 2,390,005 81 |
| Freight, express and mail cars.....    | 34,929 43           | 97,087 61    | 140,003 33   |
| Locomotives.....                       | 23,983 50           | 23,328 18    | 44,065 48    |
| Service cars.....                      | 119,473 12          | 23,275 20    | 26,378 68    |
| Electric equipment of cars.....        | 767,724 91          | 1,191,518 12 | 1,433,691 37 |
| Electric equipment of locomotives..... | 36,860 80           | 58,349 88    | 35,756 29    |
| Shop machinery and tools.....          | 19,670 27           | 25,384 09    | 32,367 68    |
| Shop expenses.....                     | 91,539 94           | 164,278 11   | 188,288 09   |
| Horses and vehicles.....               | 38,435 72           | 50,666 60    | 56,897 39    |
| Other miscellaneous expenses.....      | 37,545 22           | 347,180 43   | 60,560 66    |
| Other operations—Dr.....               | 21,075 02           | 18,044 43    | 13,677 52    |
| “ —Cr.....                             | 735 00              |              |              |
| Traffic—                               |                     |              |              |
| Superintendence and solicitation.....  | 18,848 24           | 24,905 81    | 38,280 48    |
| Advertising.....                       | 35,200 97           | 48,710 68    | 112,904 97   |
| Miscellaneous expenses.....            | 22,317 75           | 19,594 66    | 22,120 30    |

SESSIONAL PAPER No. 20b

OPERATING EXPENSES—*Continued.*

## Conducting transportation—

|  | Year ended June 30. |       | Year ended<br>December<br>31, 1919. |              |
|--|---------------------|-------|-------------------------------------|--------------|
|  | 1918.               | 1919. |                                     |              |
|  | \$                  | cts.  | \$                                  |              |
| Superintendence of transportation..... | 488,040             | 77    | 699,336 13                          | 760,051 69   |
| Power—                                 |                     |       |                                     |              |
| Power plant employees.....             | 102,564             | 45    | 242,074 56                          | 241,083 19   |
| Substation employees.....              | 102,924             | 83    | 122,740 20                          | 145,386 22   |
| Fuel for power.....                    | 185,053             | 13    | 413,136 58                          | 456,648 74   |
| Water for power.....                   | 3,277               | 37    | 8,453 25                            | 7,204 99     |
| Lubricants.....                        | 3,502               | 55    | 9,326 88                            | 9,190 70     |
| Miscellaneous expenses.....            | 26,890              | 59    | 44,693 93                           | 58,730 34    |
| Substation supplies, etc.....          | 88,108              | 85    | 108,878 96                          | 133,003 32   |
| Power purchased.....                   | 2,551,789           | 56    | 3,497,754 84                        | 3,615,779 99 |
| Other operations—Dr.....               | 61,819              | 22    | 41,782 91                           | 43,465 59    |
| “—Cr.....                              | 42,547              | 08    | 53,778 15                           | 58,196 49    |

## Operation of cars—

|  |           |    |              |               |
|--|-----------|----|--------------|---------------|
| Passenger conductors, motormen, etc..... | 6,026,371 | 24 | 9,082,786 27 | 10,746,529 76 |
| Freight “ “.....                         | 208,746   | 86 | 338,643 95   | 341,360 78    |
| Miscellaneous car employees.....         | 162,055   | 39 | 210,171 36   | 252,168 28    |
| Miscellaneous car expenses.....          | 402,296   | 69 | 672,430 80   | 813,206 22    |
| Station employees.....                   | 236,944   | 08 | 304,352 04   | 309,712 86    |
| Station expenses.....                    | 56,357    | 09 | 74,770 69    | 92,794 98     |
| Carhouse employees.....                  | 449,385   | 11 | 667,625 27   | 625,407 23    |
| Carhouse expenses.....                   | 107,339   | 69 | 201,277 17   | 284,568 13    |
| Signal and interlocking.....             | 41,966    | 89 | 74,255 92    | 153,591 85    |
| Telephone and telegraph.....             | 10,519    | 71 | 10,042 05    | 6,826 82      |
| Express and freight delivery.....        | 36,365    | 14 | 79,356 47    | 112,134 90    |
| Loss and damage.....                     | 5,719     | 05 | 34,730 59    | 7,629 56      |
| Other transportation expenses.....       | 65,796    | 19 | 50,628 92    | 66,177 07     |

## General and miscellaneous—

|                              |         |    |            |            |
|------------------------------|---------|----|------------|------------|
| General officers.....        | 307,430 | 78 | 387,986 46 | 423,655 00 |
| General office clerks.....   | 437,942 | 40 | 576,248 03 | 686,764 91 |
| General office expenses..... | 72,852  | 51 | 84,488 13  | 91,508 72  |
| Law expenses.....            | 56,501  | 42 | 72,540 99  | 86,143 38  |
| Relief department.....       | 3       | 82 | 20,694 41  | 30,853 79  |
| Miscellaneous.....           | 271,371 | 45 | 448,187 91 | 685,539 48 |
| Other operations—Dr.....     | 43,820  | 32 | 67,039 00  | 34,778 53  |
| “—Cr.....                    | 105     | 59 |            |            |

## Undistributed accounts—

|                              |         |    |            |            |
|------------------------------|---------|----|------------|------------|
| Injuries and damages.....    | 301,979 | 18 | 531,332 69 | 646,635 55 |
| Insurance.....               | 263,399 | 45 | 355,571 92 | 387,760 41 |
| Stationery and printing..... | 60,587  | 15 | 95,763 57  | 110,099 58 |
| Store expenses.....          | 52,763  | 49 | 113,406 24 | 196,787 15 |
| Stable expenses.....         | 35,146  | 27 | 41,102 55  | 45,125 84  |
| Rent of tracks.....          | 147,538 | 62 | 154,530 77 | 163,261 01 |
| Rent of equipment.....       | 135,451 | 49 | 200,857 52 | 187,105 97 |

## Summary of operating expenses—

|                                     | Year ended June 30. |       | Year ended December 31, 1919. |               |
|-------------------------------------|---------------------|-------|-------------------------------|---------------|
|                                     | 1918.               | 1919. | 1918.                         | 1919.         |
|                                     | \$                  | cts.  | \$                            | cts.          |
| Way and structures.....             | 1,684,591           | 97    | 2,792,258                     | 13            |
| Equipment.....                      | 2,204,875           | 57    | 3,868,378                     | 71            |
| Traffic.....                        | 76,366              | 96    | 93,212                        | 15            |
| Transportation—superintendence..... | 488,040             | 77    | 699,336                       | 13            |
| —power.....                         | 3,083,383           | 47    | 4,435,063                     | 95            |
| —cars.....                          | 7,810,063           | 13    | 11,801,071                    | 50            |
| General.....                        | 1,191,817           | 11    | 1,657,184                     | 93            |
| Undistributed accounts.....         | 996,865             | 65    | 1,492,565                     | 26            |
| Total.....                          | 17,535,974          | 63    | 26,839,070                    | 77            |
|                                     |                     |       |                               | 31,385,702 34 |

The volume of freight hauled in 1919 was 2,374,612 tons as compared with 2,474,892 tons for year ended June 30, 1919.

The number of fare passengers carried in 1919 was 749,334,380.

## Passenger traffic—

|                    |               |
|--------------------|---------------|
| June 30, 1910..... | 360,964,876   |
| “ 30, 1911.....    | 426,296,792   |
| “ 30, 1912.....    | 488,865,682   |
| “ 30, 1913.....    | * 597,863,801 |
| “ 30, 1914.....    | * 614,709,819 |
| “ 30, 1915.....    | * 562,302,373 |
| “ 30, 1916.....    | * 580,094,167 |
| “ 30, 1917.....    | 629,441,997   |
| “ 30, 1918.....    | * 487,365,456 |
| “ 30, 1919.....    | 686,124,263   |
| Dec. 31, 1919..... | 749,334,380   |

\*Montreal Tramways figures not included.

## Car mileage—

|                     | Year ended June 30, 1919 | Year ended Dec. 31, 1919 |
|---------------------|--------------------------|--------------------------|
| Passenger cars..... | 103,998,809              | 107,248,202              |
| Other cars.....     | 2,962,798                | 2,958,142                |
| Total.....          | 106,961,607              | 110,206,344              |

## EQUIPMENT IN SERVICE

| Classes of Cars, etc.          | Year ended June 30 |       |       | Year ended Dec. 31 1919 |
|--------------------------------|--------------------|-------|-------|-------------------------|
|                                | 1917               | 1918  | 1919  |                         |
| Passenger, closed.....         | 2,041              | 2,061 | 3,077 | 3,120                   |
| Passenger, open.....           | 447                | 387   | 538   | 513                     |
| Passenger, combination.....    | 628                | 618   | 725   | 766                     |
| Freight.....                   | 621                | 703   | 726   | 718                     |
| Mail, express and baggage..... | 49                 | 39    | 41    | 43                      |
| Combination.....               | 16                 | 15    | 16    | 17                      |
| Work.....                      | 198                | 186   | 208   | 207                     |
| Snowploughs.....               | 48                 | 52    | 60    | 62                      |
| Sweepers.....                  | 99                 | 91    | 135   | 142                     |
| Miscellaneous.....             | 148                | 162   | 193   | 146                     |
| Total.....                     | 4,295              | 4,314 | 5,719 | 5,734                   |



## SESSIONAL PAPER No. 20b

## Numbers—

## EMPLOYEES

|                    |        |
|--------------------|--------|
| June 30, 1916..... | 10,622 |
| “ 30, 1917.....    | 11,69  |
| “ 30, 1918.....    | 11,46  |
| “ 30, 1919.....    | 17,242 |
| Dec. 31, 1919..... | 16,940 |

## Salaries and wages—

|                    |                 |
|--------------------|-----------------|
| June 30, 1916..... | \$ 8,767,734 17 |
| “ 30, 1917.....    | 9,451,685 31    |
| “ 30, 1918.....    | 11,840,863 86   |
| “ 30, 1919.....    | 17,210,851 72   |
| Dec. 31, 1919..... | 20,211,576 46   |

| Employees                  | Year ended June 30 |        |        |        | Year ended<br>Dec. 31<br>1919 |
|----------------------------|--------------------|--------|--------|--------|-------------------------------|
|                            | 1916               | 1917   | 1918   | 1919   |                               |
| General administration—    |                    |        |        |        |                               |
| General officers.....      | 140                | 148    | 148    | 173    | 214                           |
| General office clerks..... | 583                | 601    | 708    | 985    | 1,212                         |
| Maintenance—               |                    |        |        |        |                               |
| Superintendents.....       | 103                | 84     | 80     | 82     | 81                            |
| Other employees.....       | 2,008              | 3,112  | 3,007  | 5,253  | 4,527                         |
| Transportation—            |                    |        |        |        |                               |
| Superintendents.....       | 112                | 125    | 112    | 118    | 128                           |
| Other employees.....       | 7,676              | 7,626  | 7,591  | 10,631 | 10,778                        |
| Total.....                 | 10,622             | 11,696 | 11,646 | 17,242 | 16,940                        |

## ACCIDENTS

| Year ended         | Killed             |           |        |       | Injured    |           |        |       |
|--------------------|--------------------|-----------|--------|-------|------------|-----------|--------|-------|
|                    | Passengers         | Employees | Others | Total | Passengers | Employees | Others | Total |
|                    | June 30, 1901..... | 3         | 1      | 11    | 15         | 158       | 58     | 98    |
| " 30, 1902.....    | 9                  | 1         | 22     | 32    | 410        | 33        | 120    | 563   |
| " 30, 1903.....    | 10                 | 17        | 22     | 39    | 501        | 62        | 212    | 778   |
| " 30, 1904.....    | 10                 | 3         | 40     | 53    | 508        | 64        | 272    | 844   |
| " 30, 1905.....    | 30                 | 3         | 23     | 56    | 862        | 87        | 347    | 1,296 |
| " 30, 1906.....    | 11                 | 2         | 31     | 47    | 1,085      | 127       | 411    | 1,653 |
| " 30, 1907.....    | 27                 | 7         | 37     | 71    | 988        | 216       | 532    | 1,736 |
| " 30, 1908.....    | 18                 | 6         | 43     | 67    | 1,156      | 188       | 539    | 1,883 |
| " 30, 1909.....    | 11                 | 7         | 50     | 68    | 1,303      | 218       | 618    | 2,139 |
| " 30, 1910.....    | 14                 | 13        | 68     | 95    | 1,595      | 227       | 716    | 3,538 |
| " 30, 1911.....    | 11                 | 8         | 83     | 102   | 1,784      | 300       | 586    | 2,670 |
| " 30, 1912.....    | 16                 | 8         | 86     | 110   | 1,950      | 442       | 736    | 3,128 |
| " 30, 1913.....    | 17                 | 12        | 44     | 73    | 1,662      | 392       | 490    | 2,544 |
| " 30, 1914.....    | 9                  | 13        | 42     | 64    | 1,757      | 469       | 581    | 2,807 |
| " 30, 1915.....    | 14                 | 6         | 44     | 64    | 1,551      | 413       | 638    | 2,605 |
| " 30, 1916.....    | 18                 | 4         | 28     | 50    | 1,905      | 305       | 819    | 3,029 |
| " 30, 1917.....    | 11                 | 10        | 42     | 63    | 1,541      | 395       | 792    | 2,728 |
| " 30, 1918.....    | 9                  | 12        | 56     | 77    | 1,451      | 383       | 762    | 2,596 |
| " 30, 1919.....    | 10                 | 37        | 47     | 94    | 1,600      | 621       | 1,290  | 3,511 |
| Dec. 31, 1919..... | 4                  | 29        | 58     | 91    | 1,717      | 951       | 1,505  | 4,173 |

# RAILWAY STATISTICS



STATISTIQUE DES CHEMINS DE FER

Table 1.—Summary of Mileage Operated for the  
Tableau 1.—Sommaire du nombre de milles de voies ferrées exploitées

| Number—Numéro | Name of Railway<br>Nom du chemin de fer         | Single Track—Voie simple  |  |   |                       |   |   | Total     |
|---------------|---|---|--|---|-----------------------|---|---|-----------|
|               |   | Represented by<br>Capital Stock<br>Représentées par<br>le capital-actions |  | Proprietary Companies<br>Compagnies propriétaires | Under Lease<br>A bail | Under Contract, etc.<br>A l'entreprisse, etc. | Under Trackage Rights<br>En vertu du droit de circu-<br>lation. |           |
|               |   | Main<br>line<br>Voie<br>princi-<br>pale                                   | Branch-<br>es and<br>spurs<br>Embr.<br>et ra-<br>meaux |   |                       |   |   |           |
| 1             | Algoma Central and Hudson Bay....               | 317-25  | 21-32  |   | 9-23                  |   | 0-98  | 348-78    |
| 2             | Algoma Eastern.....                             | 83-89   | 4-04   |   | 1-52                  |   | 2-39  | 91-84     |
| 3             | Alberta and Great Waterways.....                | 113-20  | 7-50   |   |                       |   | 18-20   | 138-90    |
| 4             | Atlantic, Quebec and Western.....               | 102-75  |  |   |                       | 1-75  |   | 104-50    |
| 5             | Brandon, Sask. and Hudson Bay.....              | 69-45   |  |   |                       |   |   | 69-45     |
| 6             | British Yukon.....                              | 90-32   | 10-80  |   |                       |   |   | 101-12    |
| 7             | Canada and Gulf Terminal.....                   | 35-80   |  |   |                       |   |   | 35-80     |
| 8             | Canada Southern.....                            | 226-18  | 154-36   |   |                       |   | 16-91   | 397-45    |
| 9             | Canadian National—                              |   |  |   |                       |   |   |           |
| 10            | Intercolonial.....                              | 1,518-00  | 28-91  |   | 5-95                  | 39-86   |   | 1,592-72  |
| 11            | Prince Edward Island.....                       | 276-29  |  |   |                       |   |   | 276-29    |
| 12            | International of New Brunswick.....             | 105-11  |  |   | 0-62                  |   |   | 105-73    |
| 13            | St. John and Quebec.....                        |   |  |   |                       | 172-07  |   | 172-07    |
| 14            | Transcontinental.....                           | 1,811-69  |  |   | 189-29                | 5-60  |   | 2,006-58  |
| 15            | Elgin and Havelock.....                         | 26-11   |  |   |                       |   |   | 26-11     |
| 16            | Moncton and Buetouche.....                      | 29-93   |  |   |                       |   |   | 29-93     |
| 17            | Salisbury and Albert.....                       | 44-77   |  |   |                       |   |   | 44-77     |
| 18            | St. Martins.....                                | 28-73   |  |   |                       |   |   | 28-73     |
| 19            | York and Carleton.....                          | 6-25  |  |   |                       |   |   | 6-25      |
| 20            | Canadian Northern.....                          |   |  | 8-860-31  | 290-41                | 252-90  | 155-88  | 9,559-50  |
| 21            | Canadian Pacific.....                           | 2,894-70  | 4,884-50   | 3,986-60  | 1,445-90              | 82-90   | 93-90   | 13,388-50 |
| 22            | Cape Breton.....                                | 31-00   |  |   |                       |   |   | 31-00     |
| 23            | Caraquet and Gulf Shore.....                    | 84-78   |  |   |                       |   |   | 84-78     |
| 24            | Central Canada.....                             | 48-50   |  |   |                       |   |   | 48-50     |
| 25            | Central Vermont.....                            | 116-56  | 8-80   |   |                       |   |   | 125-36    |
| 26            | Crow's Nest Southern.....                       | 74-18   |  |   |                       |   |   | 74-18     |
| 27            | Cumberland.....                                 | 32-00   |  |   |                       |   |   | 32-00     |
| 28            | Detroit River Tunnel Co.....                    | 2-72  |  |   |                       |   |   | 2-72      |
| 29            | Dominion Atlantic.....                          | 169-98  | 71-91  |   | 31-69                 |   | 16-18   | 289-76    |
| 30            | Eastern British Columbia.....                   | 14-00   |  |   |                       |   |   | 14-00     |
| 31            | Edmonton, Dunvegan and British<br>Columbia..... | 350-00  | 56-80  |   |                       |   | 3-80  | 410-60    |
| 32            | Essex terminal.....                             | 19-00   | 2-00   |   |                       |   |   | 21-00     |
| 33            | Esquimalt and Nanaimo.....                      | 139-70  | 59-50  |   |                       |   |   | 199-20    |
| 34            | Fredericton and Grand Lake.....                 | 35-00   |  |   |                       |   |   | 35-00     |
| 35            | Grand Trunk.....                                | 3,339-11  |  | 223-76  |                       |   | 11-81   | 3,574-68  |
| 36            | Grand Trunk Pacific.....                        | 1,650-83  | 36-17  |   | 1-70                  | 2-66  | 124-25  | 1,815-61  |
| 37            | Grand Trunk Pacific Branch Lines.....           | 991-67  | 12-76  |   |                       | 32-14   | 4-16  | 1,040-73  |
| 38            | Hereford.....                                   | 52-85   | 0-21   |   |                       |   |   | 53-06     |
| 39            | Inverness Ry. and Coal Co.....                  | 60-91   |  |   |                       |   |   | 60-91     |
| 40            | International Bridge Co.....                    | 1-02  |  |   |                       |   |   | 1-02      |
| 41            | Kent Northern.....                              | 27-00   | 1-00   |   |                       |   |   | 28-00     |
| 42            | Kettle Valley.....                              | 310-21  |  |   | 47-17                 |   | 38-51   | 395-89    |
| 43            | Klondyke Mines (not operating).....             | 31-81   |  |   |                       |   |   | 31-81     |
| 44            | Lotbinière and Mégantic.....                    | 30-00   |  |   |                       |   |   | 30-00     |
| 45            | Maine Central.....                              | 5-10  |  |   |                       |   |   | 5-10      |
| 46            | Manitoba Great Northern.....                    | 91-77   |  |   |                       |   | 0-99  | 92-76     |
| 47            | Maritime Coal, Ry. and Power Co.....            | 12-00   | 4-50   |   |                       |   |   | 16-50     |
| 48            | Massawippi Valley.....                          |   |  |   | 35-46                 |   | 2-95  | 38-41     |
| 49            | Midland of Manitoba.....                        | 6-40  |  |   |                       |   | 69-02   | 75-42     |
| 50            | Montreal and Atlantic.....                      | 102-40  |  |   | 82-00                 |   |   | 184-40    |
| 51            | Morrissey, Fernie and Michel.....               |   | 10-85  |   |                       |   |   | 10-85     |
| 52            | Napierville Junction.....                       | 27-06   |  |   |                       | 1-40  | 14-56   | 43-02     |
| 53            | Nelson and Fort Sheppard.....                   | 55-42   |  |   |                       |   | 5-83  | 61-25     |
| 54            | New Brunswick Coal and Ry. Co.....              | 58-00   |  |   |                       |   |   | 58-00     |
| 55            | New Westminster Southern.....                   | 4-68  |  |   |                       |   |   | 4-68      |



Table 1.—Summary of Mileage Operated for the year  
 Tableau 1.—Sommaire du nombre de milles de voies ferrées exploitées

| Number—<br>Numéro | Name of Railway<br>Nom du chemin de fer            | Single Track—Voie simple   |   |  |                            |  |   | Total     |
|-------------------|--|--|---|--|----------------------------|--|---|-----------|
|                   |  | Represented by<br>Capital Stock<br>—<br>Représentées par<br>le capital-actions |   | Proprietary Companies<br>—<br>Compagnies propriétaires | Under Lease<br>—<br>A bail | Under Contract, etc.<br>—<br>A l'entreprisse, etc. | Under Trackage Rights<br>—<br>En vertu du droit de circu-<br>lation |           |
|                   |  | Main<br>line<br>—<br>Voie<br>princi-<br>pale                                   | Branch-<br>es and<br>spurs<br>—<br>Embr.<br>et ra-<br>meaux |  |                            |  |   |           |
| 56                | Northern N.B. and Seaboard (not operating) .....   | 16.90  |   |  |                            |  |   | 16.90     |
| 57                | North Shore (not operating) .....                  | 6.13   | 2.50  |  |                            |  |   | 8.63      |
| 58                | Ottawa and New York .....                          | 56.90  |   |  |                            |  | 1.90  | 58.80     |
| 59                | Pacific Great Eastern .....                        | 223.50   |   |  |                            |  |   | 223.50    |
| 60                | Père Marquette .....                               | 199.13   |   |  |                            |  | 137.84  | 336.97    |
| 61                | Philipsburg Ry. and Quarry Co. <sup>1</sup> .....  | 6.00   |   |  |                            |  |   | 6.00      |
| 62                | Quebec Central .....                               | 138.00   | 139.00  |  |                            |  | 5.00  | 282.00    |
| 63                | Quebec, Montreal and Southern .....                | 192.18   |   |  |                            |  |   | 192.18    |
| 64                | Quebec Oriental .....                              | 100.00   |   |  |                            |  |   | 100.00    |
| 65                | Quebec Ry. Light and Power Co. <sup>2</sup> .....  | 27.50  |   |  |                            | 3.47   |   | 30.97     |
| 66                | Red Mountain .....                                 | 9.47   |   |  |                            |  |   | 9.47      |
| 67                | Roberval-Saguenay .....                            | 37.00  |   |  |                            |  |   | 37.00     |
| 68                | Rutland and Noyan .....                            | 3.39   |   |  |                            |  |   | 3.39      |
| 69                | St. Clair Tunnel .....                             | 2.24   |   |  |                            |  |   | 2.24      |
| 70                | St. Lawrence and Adirondaek .....                  | 33.44  |   |  | 12.70                      |  | 14.26   | 60.40     |
| 71                | Sydney and Louisburg .....                         | 39.17  | 36.14   |  | 1.20                       |  |   | 76.51     |
| 72                | Témiscouata .....                                  | 113.00   | 2.74  |  |                            |  | 0.25  | 115.99    |
| 73                | Temiskaming and Northern Ont. ....                 | 252.29   | 76.21   |  |                            |  |   | 328.50    |
| 74                | Thousand Islands .....                             | 6.08   | 0.25  |  |                            |  |   | 6.33      |
| 75                | Toronto, Hamilton and Buffalo .....                | 79.88  | 20.07   |  |                            |  | 4.36  | 104.31    |
| 76                | Vancouver, Victoria and Eastern .....              | 269.61   |   |  |                            |  | 92.13   | 361.74    |
| 77                | Victoria and Sidney, B.C. <sup>3</sup> .....       | 15.97  |   |  |                            |  |   | 15.97     |
| 78                | Victoria Terminal and Ferry Co. <sup>3</sup> ..... | 0.99   |   |  |                            |  |   | 0.99      |
| 79                | Wabash (in Canada) .....                           |  |   |  |                            |  | 245.40  | 245.40    |
|                   | Final total .....                                  | 17,584.85  | 5,652.84  | 13,070.67  | 2,154.84                   | 594.75   | 1,081.46  | 40,139.41 |

<sup>1</sup>Report not received.

<sup>2</sup>See under electric railways also.

<sup>3</sup>Ceased operations April 30, 1919 and track taken up.

SESSIONAL PAPER No. 20b

ending December 31, 1919—All tracks—Continued.

durant l'année terminée le 31 décembre 1919—Toutes voies ferrées—suite

|  |  | Second Track—Voie double   |   |  |                            |  |          |  |  | Number<br>—<br>Numéro |
|--|--|--|---|--|----------------------------|--|----------|--|--|-----------------------|
| Constructed during year<br>—<br>Construites durant l'année | Single Track Mileage (Trackage rights excluded)<br>—<br>Longueur des voies simples (à l'exclusion du droit de circulation) | Represented by Capital Sotek<br>—<br>Représentées par le capital-actions |   | Proprietary Companies<br>—<br>Compagnies propriétaires | Under Lease<br>—<br>A bail | En vertu du droit de circulation<br>—<br>Under Trackage Rights | Total    | Constructed during year<br>—<br>Construites durant l'année | Single Track Mileage (Trackage rights excluded)<br>—<br>Longueur des voies simples (à l'exclusion du droit de circulation) |                       |
|  |  | Main line<br>—<br>Voie principale  | Branches and spurs<br>—<br>Embr. et rameaux |  |                            |  |          |  |  |                       |
| .....  | 16-90  | .....  | .....                                       | .....  | .....                      | .....  | .....    | .....  | .....  | 56                    |
| .....  | 8-63   | .....  | .....                                       | .....  | .....                      | .....  | .....    | .....  | .....  | 57                    |
| .....  | 56-90  | .....  | .....                                       | .....  | .....                      | .....  | .....    | .....  | .....  | 58                    |
| .....  | 223-50   | .....  | .....                                       | .....  | .....                      | .....  | .....    | .....  | .....  | 59                    |
| .....  | 199-13   | .....  | .....                                       | .....  | .....                      | 136-57   | 136-57   | .....  | .....  | 60                    |
| .....  | 6-00   | .....  | .....                                       | .....  | .....                      | .....  | .....    | .....  | .....  | 61                    |
| .....  | 277-00   | .....  | .....                                       | .....  | .....                      | .....  | .....    | .....  | .....  | 62                    |
| .....  | 192-18   | .....  | .....                                       | .....  | .....                      | .....  | .....    | .....  | .....  | 63                    |
| .....  | 100-00   | .....  | .....                                       | .....  | .....                      | .....  | .....    | .....  | .....  | 64                    |
| .....  | 30-97  | 9-50   | .....                                       | .....  | .....                      | .....  | 9-50     | .....  | 9-50   | 65                    |
| .....  | 9-47   | .....  | .....                                       | .....  | .....                      | .....  | .....    | .....  | .....  | 66                    |
| .....  | 37-00  | .....  | .....                                       | .....  | .....                      | .....  | .....    | .....  | .....  | 67                    |
| .....  | 3-39   | .....  | .....                                       | .....  | .....                      | .....  | .....    | .....  | .....  | 68                    |
| .....  | 2-24   | .....  | .....                                       | .....  | .....                      | .....  | .....    | .....  | .....  | 69                    |
| .....  | 46-14  | .....  | .....                                       | .....  | .....                      | .....  | .....    | .....  | .....  | 70                    |
| .....  | 76-51  | 1-00   | .....                                       | .....  | .....                      | .....  | 1-00     | .....  | 1-00   | 71                    |
| .....  | 115-74   | .....  | .....                                       | .....  | .....                      | .....  | .....    | .....  | .....  | 72                    |
| .....  | 328-50   | 1-70   | .....                                       | .....  | .....                      | .....  | 1-70     | .....  | 1-70   | 73                    |
| .....  | 6-33   | .....  | .....                                       | .....  | .....                      | .....  | .....    | .....  | .....  | 74                    |
| .....  | 99-95  | 14-07  | .....                                       | .....  | .....                      | 0-38   | 14-45    | .....  | 14-07  | 75                    |
| .....  | 269-61   | 7-12   | .....                                       | .....  | .....                      | .....  | 7-12     | .....  | 7-12   | 76                    |
| .....  | 15-97  | .....  | .....                                       | .....  | .....                      | .....  | .....    | .....  | .....  | 77                    |
| .....  | 0-99   | .....  | .....                                       | .....  | .....                      | .....  | .....    | .....  | .....  | 78                    |
| .....  | .....  | .....  | .....                                       | .....  | .....                      | 96-74  | 96-74    | .....  | .....  | 79                    |
| 44-78  | 39,057-95  | 2,483-95   | 16-86                                       | .....  | 45-77                      | 270-79   | 2,817-37 | .....  | 2,546-58   | .....                 |

<sup>1</sup>Le rapport manque.

<sup>2</sup>Voir également la partie concernant les tramways.

<sup>3-4</sup>Les opérations ont cessé le 30 avril 1919 et les voies ont été enlevées.





SESSIONAL PAPER No. 20b

ending December 31, 1919—All tracks—Concluded

durant l'année terminée le 31 décembre 1919—Toutes voies ferrées—fin

| Single Track Mileage<br>Trackage rights excluded)<br>—<br>Longueur des voies simples (à l'exclusion du droit de circulation) | Total Mileage Operated—All Tracks—Total de milles exploités—Toutes les voies |   |  |                            |   |  |           | Total Yard Track and Sidings Mileage (Trackage rights excluded)<br>—<br>Longueur des voies simples (à l'exclusion du droit de circulation) | Number—Numéro |  |
|--|--|---|--|----------------------------|---|--|-----------|--|---------------|--|
|  | Represented by Capital Stock<br>—<br>Représentées par le capital-actions     |   | Proprietary Companies<br>—<br>Compagnies Propriétaires | Under Lease<br>—<br>A bail | Under Contract, etc.<br>—<br>A l'entreprise, etc. | Under Trackage Rights<br>—<br>En vertu du droit de circulation | Total     |  |               | Constructed during year<br>—<br>Construites durant l'année |
|  | Main Line<br>—<br>Voie principale  | Branches and spurs<br>—<br>Embr. et rameaux |  |                            |   |  |           |  |               |  |
| 40.08  | 344.22   | 22.00                                       |  | 22.56                      |   | 0.98   | 389.76    | 388.78   | 1             |  |
| 12.20  | 91.84  | 4.04  |  | 5.77                       |   | 3.43   | 105.08    | 101.65   | 2             |  |
| 7.18   | 120.38   | 7.50  |  |                            |   | 18.20  | 146.08    | 127.88   | 3             |  |
| 1.84   | 104.59   |   |  |                            | 1.75  |  | 106.34    | 106.34   | 4             |  |
| 10.43  | 79.88  |   |  |                            |   |  | 79.88     | 79.88  | 5             |  |
| 4.34   | 94.66  | 10.80                                       |  |                            |   |  | 105.46    | 105.46   | 6             |  |
| 2.00   | 37.80  |   |  |                            |   |  | 37.80     | 37.80  | 7             |  |
| 236.41   | 638.80   | 221.19                                      |  |                            |   | 26.16  | 886.15    | 859.99   | 8             |  |
|  |  |   |  |                            |   |  |           |  | 9             |  |
| 570.64   | 2,130.66   | 28.91                                       |  | 43.57                      | 39.86   |  | 2,243.00  | 2,243.00   | 10            |  |
| 44.01  | 320.30   |   |  |                            |   |  | 320.30    | 320.30   | 11            |  |
| 6.85   | 111.96   |   |  | 0.62                       |   |  | 112.58    | 112.58   | 12            |  |
| 11.44  | 11.44  |   |  |                            | 172.07  |  | 183.51    | 183.51   | 13            |  |
| 467.10   | 2,824.10   |   |  | 189.29                     | 5.60  |  | 2,478.99  | 2,478.99   | 14            |  |
| 1.03   | 27.14  |   |  |                            |   |  | 27.14     | 27.14  | 15            |  |
| 1.91   | 31.84  |   |  |                            |   |  | 31.84     | 31.84  | 16            |  |
| 3.26   | 48.03  |   |  |                            |   |  | 48.03     | 48.03  | 17            |  |
| 1.15   | 29.88  |   |  |                            |   |  | 29.88     | 29.88  | 18            |  |
| 0.56   | 6.81   |   |  |                            |   |  | 6.81      | 6.81   | 19            |  |
| 1,340.48   |  |   | 10025.17   | 412.21                     | 306.72  | 158.83   | 10,902.93 | 10,744.10  | 20            |  |
| 3,928.70   | 8,252.40   | 4884.50                                     | 3,986.60   | 1,445.90                   | 82.90   | 93.90  | 18,746.20 | 18,652.30  | 21            |  |
|  | 31.00  |   |  |                            |   |  | 31.00     | 31.00  | 22            |  |
| 3.55   | 88.33  |   |  |                            |   |  | 88.33     | 88.33  | 23            |  |
| 3.44   | 51.94  |   |  |                            |   |  | 51.94     | 51.94  | 24            |  |
| 12.51  | 129.07   | 8.80  |  |                            |   |  | 137.87    | 137.87   | 25            |  |
| 13.91  | 88.09  |   |  |                            |   |  | 88.09     | 88.09  | 26            |  |
| 16.00  | 48.00  |   |  |                            |   |  | 48.00     | 48.00  | 27            |  |
|  | 2.72   |   |  |                            |   |  | 2.72      | 2.72   | 28            |  |
| 48.08  | 218.06   | 71.91                                       |  | 31.69                      |   | 31.92  | 353.58    | 321.66   | 29            |  |
| 1.99   | 15.99  |   |  |                            |   |  | 15.99     | 15.99  | 30            |  |
| 4.20   | 354.20   | 56.80                                       |  |                            |   | 3.80   | 414.80    | 411.00   | 31            |  |
| 14.00  | 33.00  | 2.00  |  |                            |   |  | 35.00     | 35.00  | 32            |  |
| 53.00  | 192.70   | 59.50                                       |  |                            |   |  | 252.20    | 252.20   | 33            |  |
|  | 35.00  |   |  |                            |   |  | 35.00     | 35.00  | 34            |  |
| 1406.29  | 5406.80  |   | 223.76   | 62.33                      |   | 15.55  | 5,708.34  | 5,692.89   | 35            |  |
| 267.29   | 2029.00  | 36.17                                       |  | 15.58                      | 3.87  | 145.75   | 2,230.37  | 2,084.62   | 36            |  |
| 123.03   | 1114.31  | 12.76                                       |  |                            | 32.53   | 4.16   | 1,163.76  | 1,159.60   | 37            |  |
| 8.36   | 61.21  | 0.21  |  |                            |   |  | 61.42     | 61.42  | 38            |  |
| 8.20   | 69.11  |   |  |                            |   |  | 69.11     | 69.11  | 39            |  |
|  | 1.02   |   |  |                            |   |  | 1.02      | 1.02   | 40            |  |
|  | 27.76  | 1.00  |  |                            |   |  | 28.76     | 28.76  | 41            |  |
| 30.51  | 334.44   |   |  | 53.45                      |   | 40.80  | 428.69    | 387.89   | 42            |  |
| 2.00   | 33.18  |   |  |                            |   |  | 33.81     | 33.81  | 43            |  |
| 4.00   | 34.00  |   |  |                            |   |  | 34.00     | 34.00  | 44            |  |
|  | 5.10   |   |  |                            |   |  | 5.10      | 5.10   | 45            |  |
| 9.59   | 101.36   |   |  |                            |   | 0.99   | 102.35    | 101.36   | 46            |  |
| 6.76   | 18.76  | 4.50  |  |                            |   |  | 23.26     | 23.26  | 47            |  |
| 10.56  |  |   |  | 46.02                      |   | 2.95   | 48.97     | 46.02  | 48            |  |
| 11.11  | 17.51  |   |  |                            |   | 69.02  | 86.53     | 17.51  | 49            |  |
| 41.30  | 150.20   |   |  | 82.00                      |   |  | 232.20    | 232.20   | 50            |  |
|  | 5.40   | 10.85                                       |  |                            |   |  | 16.25     | 16.25  | 51            |  |
| 3.36   | 30.42  |   |  |                            | 1.40  | 41.52  | 73.34     | 31.82  | 52            |  |
| 3.35   | 58.77  |   |  |                            |   | 5.83   | 64.60     | 58.77  | 53            |  |
| 7.00   | 65.00  |   |  |                            |   |  | 65.00     | 65.00  | 54            |  |
| 0.73   | 5.41   |   |  |                            |   |  | 5.41      | 5.41   | 55            |  |

Table 1.—Summary of Mileage Operated for the  
 Tableau 1.—Sommaire du nombre de milles de voies ferrées exploitées

| Number—Numéro | Name of Railway<br>—<br>Nom du chemin de fer | Yard Track and Sidings—Voies de garage et d'évitement                             |   |  |                            |   |   |          | Total  | Con-<br>structed<br>during<br>year<br>—<br>Con-<br>struites<br>durant<br>l'année |
|---------------|--|---|---|--|----------------------------|---|---|----------|--------|--|
|               |  | Represented by<br>Capital Stock<br>—<br>Représentées<br>par le<br>capital-actions |   | Proprietary Companies<br>—<br>Compagnies propriétaires | Under Lease<br>—<br>A bail | Under Contract, etc.<br>—<br>A l'entreprise, etc. | Under Trackage Rights<br>—<br>En vertu du droit de circu-<br>lation |          |        |  |
|               |  | Main-<br>Line<br>—<br>Voie prin-<br>cipale  | Branch-<br>es and<br>spurs<br>—<br>Embr.<br>et ra-<br>meaux |  |                            |   |   |          |        |  |
| 56            | Northern N.B. and Seaboard.....              |   |   |  |                            |   |   |          |        |  |
| 57            | North Shore.....                             | 1-37  |   |  |                            |   |   |          | 1-37   |  |
| 58            | Ottawa and New York.....                     | 11-68   |   |  |                            |   |   |          | 11-68  |  |
| 59            | Pacific Great Eastern.....                   | 2-50  |   |  |                            |   |   |          | 2-50   |  |
| 60            | Père Marquette.....                          | 75-46   |   |  |                            |   | 23-03   |          | 98-49  |  |
| 61            | Philipsburg Ry. and Quarry Co..              |   |   |  |                            |   |   |          |        |  |
| 62            | Quebec Central.....                          | 65-55   |   |  |                            |   |   |          | 65-55  |  |
| 63            | Quebec Montreal and Southern....             | 27-22   |   |  |                            |   |   |          | 27-22  |  |
| 64            | Quebec Oriental.....                         | 2-76  |   |  |                            |   |   |          | 2-76   |  |
| 65            | Quebec Ry. Light and Power Co..              |   | 6-93  |  |                            |   |   |          | 6-93   |  |
| 66            | Red Mountain.....                            | 2-84  |   |  |                            |   |   |          | 2-84   |  |
| 67            | Roberval-Saguenay.....                       | 3-00  |   |  |                            |   |   |          | 3-00   |  |
| 68            | Rutland and Noyan.....                       | 0-39  |   |  |                            |   |   |          | 0-39   |  |
| 69            | St. Clair Tunnel.....                        | 0-35  |   |  |                            |   |   |          | 0-35   |  |
| 70            | St. Lawrence and Adirondaek....              | 11-77   |   |  | 3-30                       |   |   |          | 15-07  |  |
| 71            | Sydney and Louisburg.....                    | 21-84   | 24-29   |  |                            |   |   |          | 46-13  |  |
| 72            | Témiscouata.....                             | 9-18  |   |  |                            |   |   |          | 9-18   |  |
| 73            | Temiskaming and Northern Ont..               | 89-88   | 25-51   |  |                            |   |   |          | 115-39 |  |
| 74            | Thousand Islands.....                        | 1-00  |   |  |                            |   |   |          | 1-00   |  |
| 75            | Toronto Hamilton and Buffalo....             | 72-05   | 43-84   |  |                            |   |   |          | 115-89 |  |
| 76            | Vancouver Victoria and Eastern...            | 63-21   |   |  |                            |   |   |          | 63-21  |  |
| 77            | Victoria and Sidney, B.C.....                | 1-62  |   |  |                            |   |   |          | 1-62   |  |
| 78            | Victoria Terminal and Ferry Co..             | 0-58  |   |  |                            |   |   |          | 0-58   |  |
| 79            | Wabash (in Canada).....                      |   |   |  |                            |   | 135-08  |          | 135-08 |  |
|               | Finals Total.....                            | 7,881-83  | 151-22  | 1 164-86   | 227-58                     | 55-42   | 204-48  | 9,685-39 |        |  |

SESSIONAL PAPER No. 20b

year ending December 31, 1919—All tracks—Concluded

durant l'année terminée le 31 décembre 1919—Toutes voies ferrées—fin

| Single Track Mileage (Trackage rights excluded) —<br>Longueur des voies simples (à l'exclusion du droit de circulation) | Total Mileage Operated—All Tracks—Total de milles exploités—Toutes les voies |  |   |                         |  |   |           |   | Number—<br>Numéro |  |
|---|--|--|---|-------------------------|--|---|-----------|---|-------------------|--|
|   | Represented by Capital Stock —<br>Représentées par le capital-actions        |  | Proprietary Companies —<br>Compagnies Propriétaires | Under Lease —<br>A bail | Under Contract, etc. —<br>A l'entreprise, etc. | Under Trackage Rights —<br>En vertu du droit de circulation | Total     | Constructed during year —<br>Construites durant l'année |                   | Total Mileage (Trackage rights excluded) —<br>Longueur des voies simples (à l'exclusion du droit de circulation) |
|   | Main Line —<br>Voie principale   | Branches and spurs —<br>Embr. et rameaux |   |                         |  |   |           |   |                   |  |
| .....   | 16.90  | .....                                    | .....   | .....                   | .....  | .....   | 16.90     | .....   | 16.90             | 56   |
| 1.37  | 7.50   | 2.50                                     | .....   | .....                   | .....  | .....   | 10.00     | .....   | 10.00             | 57   |
| 11.68   | 68.58  | .....                                    | .....   | .....                   | .....  | 1.90  | 70.48     | .....   | 68.58             | 58   |
| 2.50  | 226.00   | .....                                    | .....   | .....                   | .....  | .....   | 226.00    | .....   | 226.00            | 59   |
| 75.46   | 274.59   | .....                                    | .....   | .....                   | .....  | 297.44  | 572.03    | .....   | 274.59            | 60   |
| .....   | 6.00   | .....                                    | .....   | .....                   | .....  | .....   | 6.00      | .....   | 6.00              | 61   |
| 65.55   | 203.55   | 139.00                                   | .....   | .....                   | .....  | 5.00  | 347.55    | .....   | 342.55            | 62   |
| 27.22   | 219.40   | .....                                    | .....   | .....                   | .....  | .....   | 219.40    | .....   | 219.40            | 63   |
| 2.76  | 102.76   | .....                                    | .....   | .....                   | .....  | .....   | 102.76    | .....   | 102.76            | 64   |
| 6.93  | 37.00  | 6.93                                     | .....   | .....                   | .....  | .....   | 47.40     | .....   | 47.40             | 65   |
| 2.84  | 12.31  | .....                                    | .....   | .....                   | .....  | .....   | 12.31     | .....   | 12.31             | 66   |
| 3.00  | 40.00  | .....                                    | .....   | .....                   | .....  | .....   | 40.00     | .....   | 40.00             | 67   |
| 0.39  | 3.78   | .....                                    | .....   | .....                   | .....  | .....   | 3.78      | .....   | 3.78              | 68   |
| 0.35  | 2.59   | .....                                    | .....   | .....                   | .....  | .....   | 2.59      | .....   | 2.59              | 69   |
| 15.07   | 45.21  | .....                                    | .....   | .....                   | .....  | 14.26   | 75.47     | .....   | 61.21             | 70   |
| 46.13   | 62.01  | 60.43                                    | .....   | .....                   | .....  | .....   | 123.64    | .....   | 123.64            | 71   |
| 9.18  | 122.18   | 2.74                                     | .....   | .....                   | .....  | .....   | 125.17    | .....   | 124.92            | 72   |
| 115.39  | 343.87   | 101.72                                   | .....   | .....                   | .....  | .....   | 445.59    | .....   | 445.59            | 73   |
| 1.00  | 7.08   | 0.25                                     | .....   | .....                   | .....  | .....   | 7.33      | .....   | 7.33              | 74   |
| 115.89  | 166.00   | 63.91                                    | .....   | .....                   | .....  | 4.74  | 234.65    | .....   | 229.91            | 75   |
| 63.21   | 339.94   | .....                                    | .....   | .....                   | .....  | 92.13   | 432.07    | .....   | 339.94            | 76   |
| 1.62  | 17.59  | .....                                    | .....   | .....                   | .....  | .....   | 17.59     | .....   | 17.59             | 77   |
| 0.58  | 1.57   | .....                                    | .....   | .....                   | .....  | .....   | 1.57      | .....   | 1.57              | 78   |
| .....   | .....  | .....                                    | .....   | .....                   | .....  | 477.22  | 477.22    | .....   | .....             | 79   |
| 9,480.91  | 27,950.63  | 5,820.92                                 | 14,235.53   | 2,428.19                | 650.17   | 1,556.73  | 52,642.17 | 44.78   | 51,085.44         |  |

TABLE 2.—Summary of Single-Track Railway Mileage Operated  
 TABLEAU 2.—Etat de la longueur des voies en exploitation (voies simples)

## NOVA SCOTIA—NOUVELLE-ÉCOSSE

| Name of Railway<br>Nom du chemin de fer             | Mileage<br>operated on<br>December<br>31, 1919<br><br>Nombre de<br>milles en<br>exploitation au<br>31 décembre au<br>1919 |
|---|---|
| Canadian National Railways (Intercolonial).....     | 575-94  |
| Canadian National Railways (Canadian Northern)..... | 368-60  |
| Cape Breton.....                                    | 31-00   |
| Cumberland.....                                     | 32-00   |
| Dominion Atlantic.....                              | 273-58  |
| Inverness Rly. and Coal Co.....                     | 60-91   |
| Maritime Coal Rly. & Power Co.....                  | 16-50   |
| Sydney & Louisburg.....                             | 76-51   |
| Total.....  | 1,435-04  |

## PRINCE EDWARD ISLAND—ILE DU PRINCE-ÉDOUARD

|   |        |
|---|--------|
| Canadian National Railways (P.E. Island)..... | 276-29 |
|---|--------|

## NEW BRUNSWICK—NOUVEAU-BRUNSWICK

|  |          |
|--|----------|
| Canadian National Railways—                    |          |
| Intercolonial.....                             | 509-35   |
| International.....                             | 105-73   |
| St. John & Quebec.....                         | 172-07   |
| Transcontinental.....                          | 256-19   |
| Elgin and Havelock.....                        | 26-11    |
| Moncton and Buctouche.....                     | 29-93    |
| Salisbury and Albert.....                      | 44-77    |
| St. Martins.....                               | 28-73    |
| York and Carleton.....                         | 6-25     |
| Canadian Pacific.....                          | 533-50   |
| Caraquet and Gulf Shore.....                   | 84-78    |
| Fredericton and Grand Lake Coal & Rly. Co..... | 35-00    |
| Kent Northern.....                             | 28-00    |
| Maine Central.....                             | 5-10     |
| New Brunswick Coal and Rly. Co.....            | 58-00    |
| Northern New Brunswick and Seaboard.....       | 16-90    |
| North Shore.....                               | 8-63     |
| Témiscouata.....                               | 44-00    |
| Total.....                                     | 1,993-04 |

## SESSIONAL PAPER No. 20b

in Provinces for the Year ending December 31, 1919—Continued

dans les provinces, pendant l'année terminée le 31 décembre 1919—suite

## QUEBEC—QUÉBEC

| Name of Railway<br>Nom du chemin de fer                     | Mileage<br>operated on<br>December<br>31, 1919<br>—<br>Nombre de<br>milles en<br>exploitation au<br>31 décembre<br>1919 |
|---|---|
| Atlantic, Quebec and Western.....                           | 104.50  |
| Canada and Gulf Terminal.....                               | 35.80   |
| Canadian National Railways—                                 |   |
| Intercolonial.....  | 507.43  |
| Transcontinental.....                                       | 710.34  |
| Canadian Northern.....                                      | 729.40  |
| Canadian Pacific.....                                       | 1,075.40  |
| Central Vermont.....  | 125.36  |
| Grand Trunk.....  | 514.76  |
| Hereford.....   | 52.39   |
| Lotbinière and Mégantic.....                                | 30.00   |
| Massawippi Valley.....                                      | 35.46   |
| Montreal and Atlantic.....                                  | 162.90  |
| Napierville Junction.....                                   | 28.46   |
| Philipsburg Railway and Quarry Co.....                      | 6.00  |
| Quebec Central.....   | 277.00  |
| Quebec, Montreal and Southern.....                          | 192.18  |
| Quebec Oriental.....  | 100.00  |
| Quebec Railway, Light and Power (Montmorency Division)..... | 30.97   |
| Roberval Saguenay.....                                      | 37.00   |
| Rutland and Noyan.....                                      | 3.39  |
| St. Lawrence and Adirondack.....                            | 46.14   |
| Témiscouata.....  | 71.74   |
| Total.....  | 4,876.62  |

## ONTARIO

|                                       |           |
|---------------------------------------|-----------|
| Algoma Central and Hudson Bay.....    | 347.80    |
| Algoma Eastern.....                   | 89.45     |
| Canada Southern.....                  | 380.54    |
| Canadian National Railways—           |           |
| Transcontinental.....                 | 950.23    |
| Canadian Northern.....                | 2,169.40  |
| Canadian Pacific.....                 | 3,286.30  |
| Detroit River Tunnel.....             | 1.60      |
| Essex Terminal.....                   | 21.00     |
| Grand Trunk.....                      | 3,048.11  |
| Ottawa and New York.....              | 56.90     |
| Père Marquette.....                   | 199.13    |
| St. Clair Tunnel.....                 | 1.23      |
| International Bridge Co.....          | 1.02      |
| Temiskaming and Northern Ontario..... | 328.50    |
| Thousand Islands.....                 | 6.33      |
| Toronto, Hamilton and Buffalo.....    | 99.95     |
| Total.....                            | 10,987.49 |

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TABLE 2.—Summary of Single-Track Railway Mileage Operated  
 TABLEAU 2.—Etat de la longueur des voies en exploitation (voies simples)

## MANITOBA

| Name of Railway<br>Nom du chemin de fer              | Mileage<br>operated on<br>December<br>31, 1919<br><br>Nombre de<br>milles en<br>exploitation au<br>31 décembre<br>1919 |
|--|--|
| Brandon, Saskatchewan and Hudson Bay.....            | 69.45  |
| Canadian National Railways—<br>Transcontinental..... | 89.82  |
| Canadian Northern.....                               | 1,994.52   |
| Canadian Pacific.....                                | 1,727.80   |
| Grand Trunk Pacific.....                             | 213.45   |
| Manitoba Great Northern.....                         | 91.77  |
| Midland of Manitoba.....                             | 6.40   |
| Total.....   | 4,193.21   |

## SASKATCHEWAN

|   |          |
|---|----------|
| Canadian National Railways (Canadian Northern)..... | 2,218.30 |
| Canadian Pacific.....                               | 2,777.10 |
| Grand Trunk Pacific.....                            | 409.68   |
| Grand Trunk Pacific Branch Lines.....               | 736.01   |
| Total.....  | 6,141.09 |

## ALBERTA

|   |          |
|---|----------|
| Alberta and Great Waterways.....                    | 120.70   |
| Canadian National Railways (Canadian Northern)..... | 1,193.20 |
| Canadian Pacific.....                               | 1,901.30 |
| Central Canada.....                                 | 48.50    |
| Edmonton, Durvegan and British Columbia.....        | 406.80   |
| Grand Trunk Pacific.....                            | 382.74   |
| Grand Trunk Pacific Branch Lines.....               | 300.56   |
| Total.....  | 4,353.80 |

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dans les provinces, pendant l'année terminée le 31 décembre 1919—fin

## BRITISH COLUMBIA—COLOMBIE BRITANNIQUE

| Name of Railway<br>Nom du chemin de fer             | Mileage<br>operated on<br>December<br>31, 1919<br><br>Nombre de<br>milles en<br>exploitation au<br>31 décembre<br>1919 |
|---|--|
| British Yukon.....                                  | 32.60  |
| Canadian National Railways (Canadian Northern)..... | 517.40   |
| Canadian Pacific.....                               | 1,816.10   |
| Crow's Nest Southern.....                           | 74.18  |
| Eastern British Columbia.....                       | 14.00  |
| Esquimalt and Nanaimo.....                          | 199.20   |
| Grand Trunk Pacific.....                            | 685.49   |
| Kettle Valley.....                                  | 357.38   |
| Morrissey, Fernie and Michel.....                   | 10.85  |
| Nelson and Fort Sheppard.....                       | 55.42  |
| New Westminster Southern.....                       | 4.68   |
| Pacific Great Eastern.....                          | 223.50   |
| Red Mountain.....                                   | 9.47   |
| Vancouver, Victoria and Eastern.....                | 269.61   |
| Victoria and Sidney, B.C.....                       | 15.97  |
| Victoria Terminal Railway and Ferry Co.....         | 0.99   |
| Total.....  | 4,286.84   |

## YUKON TERRITORY—TERRITOIRE DU YUKON

|  |        |
|--|--------|
| British Yukon.....                     | 68.52  |
| Klondyke Mines (not in operation)..... | 31.81  |
| Total.....                             | 100.33 |

## UNITED STATES—ÉTATS-UNIS

|   |        |
|---|--------|
| Canadian National Railways (Canadian Northern)..... | 212.80 |
| Canadian Pacific.....                               | 177.10 |
| Hereford.....                                       | 0.67   |
| Montreal and Atlantic.....                          | 21.50  |
| St. Clair Tunnel.....                               | 1.01   |
| Detroit River Tunnel.....                           | 1.12   |
| Total.....  | 414.20 |

II GEORGE V, A. 1921

TABLE 3.—Amount of Railway Capital at the Close

TABLEAU 3.—Capitalisation des chemins de fer à la

| Name of Railway<br>—<br>Nom du chemin de fer        | Stocks<br>—<br>Actions                          | Funded Debt—Dette consolidée             |  |   | Summary<br>—<br>Sommaire  |
|---|---|--|--|---|---|
|   | Amount<br>Outstanding<br>—<br>En<br>circulation | Bonds<br>—<br>Obligations<br>de priorité | Miscellaneous<br>Obligations<br>—<br>Obligations<br>diverses | Equipment<br>Trust<br>Obligations<br>—<br>Obligations<br>spéciales<br>pour<br>matériel<br>roulant | Total<br>Railway<br>Capital<br>—<br>Capitalisa-<br>tion<br>totale |
|   | \$  | \$                                       | \$   | \$  | \$  |
| Algoma Central and Hudson Bay.....                  | 10,000,000                                      | 10,398,800                               |  | 204,000   | 20,602,800  |
| Algoma Eastern.....                                 | 3,000,000                                       | 2,500,000                                |  | 440,200   | 5,940,200   |
| Atlantic, Quebec and Western                        | 2,000,000                                       | 4,598,675                                |  |   | 6,598,675   |
| Alberta and Great Waterways.....                    | 50,000  | 7,400,000                                |  |   | 7,450,000   |
| Brandon, Sask. and Hudson Bay.....                  | 2,150,000                                       |  |  |   | 2,150,000   |
| British Yukon.....                                  | 2,934,119                                       | 2,044,760                                |  |   | 4,978,879   |
| Canada and Gulf Terminal.....                       | 600,000   | 740,000                                  |  |   | 1,340,000   |
| Canada Southern.....                                | 15,000,000                                      | 22,630,000                               |  |   | 37,630,000  |
| Canadian National Rlys.:                            |   |  |  |   |   |
| Elgin and Havelock.....                             |   |  |  |   |   |
| Moncton and Buctouche.....                          |   |  |  |   |   |
| Salisbury and Albert                                |   |  |  |   |   |
| St. Martins.....                                    |   |  |  |   |   |
| York and Carleton.....                              |   |  |  |   |   |
| St. John and Quebec.....                            |   |  |  |   |   |
| <sup>1</sup> Canadian Northern System.....          | 105,915,300                                     | 279,072,787                              |  | 32,936,000  | 417,924,087   |
| <sup>2</sup> Canadian Pacific.....                  | 556,966,803                                     | 3,650,000                                |  | 7,990,000   | 568,606,803   |
| Atlantic and North West.....                        |   | 6,453,200                                |  |   | 6,453,200   |
| Calgary and Edmonton.....                           |   | 5,458,894                                |  |   | 5,458,894   |
| Lindsay, Bobeaygeon and Pontypool                   |   | 500,000                                  |  |   | 500,000   |
| Manitoba, South Western Coloniza-<br>tion.....      |   | 2,544,000                                |  |   | 2,544,000   |
| Guelph Junction.....                                | 170,000   |  |  |   | 170,000   |
| New Brunswick.....                                  | 6,609,927                                       | 2,920,000                                |  |   | 9,529,927   |
| New Brunswick Southern.....                         |   | 500,000                                  |  |   | 500,000   |
| Ontario and Quebec.....                             | 21,502,591                                      |  |  |   | 21,502,591  |
| St. Lawrence and Ottawa.....                        |   | 973,333                                  |  |   | 973,333   |
| St. Stephen and Milltown.....                       | 50,000  |  |  |   | 50,000  |
| Joliette and Brandon.....                           |   | 125,000                                  |  |   | 125,000   |
| Toronto, Grey and Bruce.....                        |   | 3,500,000                                |  |   | 3,500,000   |
| Cape Breton.....                                    | 1,000,000                                       |  |  |   | 1,000,000   |
| Caraquet and Gulf Shore.....                        | 1,250,000                                       | 500,000                                  |  |   | 1,750,000   |
| Crow's Nest Southern.....                           | 4,295,000                                       |  |  |   | 4,295,000   |
| Central Vermont:                                    |   |  |  |   |   |
| Montreal and Province Line.....                     | 1,000,000                                       | 200,000                                  |  |   | 1,200,000   |
| Montreal and Vermont Junction                       | 197,300   |  |  |   | 197,300   |
| Stanstead, Shefford and Chambly                     | 608,750   | 155,865                                  |  |   | 764,615   |
| Central Canada.....                                 | 625,000   |  | 2,000,000  |   | 2,625,000   |
| Detroit River Tunnel.....                           | 3,000,000                                       | 18,000,000                               |  |   | 21,000,000  |
| Dominion Atlantic.....                              | 2,433,333                                       | 5,998,166                                |  |   | 8,431,499   |
| Eastern British Columbia.....                       | 420,000   |  |  |   | 420,000   |
| Edmonton, Dunvegan and British<br>Columbia.....     | 250,000   | 9,420,000                                |  |   | 9,670,000   |
| Essex Terminal.....                                 | 300,000   | 420,000                                  |  |   | 720,000   |
| Esquimalt and Nanaimo.....                          | 2,500,000                                       | 4,832,000                                |  |   | 7,332,000   |
| Fredericton and Grand Lake Coal and<br>Rly. Co..... | 140,000   | 465,000                                  |  |   | 605,000   |

<sup>1</sup>Includes \$925,000 Stock and \$1,098,000 Funded Debt of Niagara, St. Catharines and Toronto Electric, and \$1,500,000 Stock and \$2,628,000 Funded Debt of Toronto Suburban which also appears in Capital Acct. of Electric Railways.

<sup>2</sup>This includes \$216,284,882 of Consolidated Debenture Stock.

<sup>1</sup>Y compris \$925,000 d'actions et \$1,098,000 d'obligations du Niagara, St. Catharines and Toronto Electric, et \$1,500,000 d'actions et \$2,628,000 d'obligations Toronto Suburban qui figurent aussi dans la capitalisation des tramways.

<sup>2</sup>Ce chiffre comprend \$216,284,882.



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of the Year ending December 31, 1919—Concluded

fin de l'année terminée le 31 décembre 1919—fin

| Name of Railway<br>Nom du chemin de fer       | Stocks<br>—<br>Actions             | Funded Debt—Dette consolidée          |   |   | Summary<br>—<br>Sommaire                                  |
|---|------------------------------------|---------------------------------------|---|---|---|
|   | Outstanding<br>—<br>En circulation | Bonds<br>—<br>Obligations de priorité | Miscellaneous<br>Obligations<br>—<br>Obligations diverses | Equipment<br>Trust<br>Obligations<br>—<br>Obligations spéciales pour matériel roulant | Total<br>Railway<br>Capital<br>—<br>Capitalisation totale |
|   | \$                                 | \$                                    | \$  | \$  | \$  |
| Grand Trunk.....                              | 241,237,589                        | 205,259,407                           | 300,000   | 4,889,000   | 451,685,996   |
| Buffalo and Lake Huron.....                   | 2,605,632                          | 4,279,456                             |   |   | 6,885,088   |
| Central Counties.....                         | 500,000                            | 380,000                               |   |   | 880,000   |
| Pembroke Southern.....                        | 178,000                            | 150,000                               |   |   | 328,000   |
| Grand Trunk Pacific.....                      | 24,942,000                         | 173,782,100                           |   |   | 198,724,100   |
| Grand Trunk Pacific Branch Lines.....         | 1,002,000                          | 16,786,440                            |   |   | 17,788,440  |
| Hereford.....                                 | 800,000                            | 800,000                               |   |   | 1,600,000   |
| International Bridge Co.....                  | 1,500,000                          | 512,260                               |   |   | 2,012,260   |
| Kent Northern.....                            | 25,000                             | 32,000                                |   | 6,000   | 63,000  |
| Kettle Valley <sup>4</sup> .....              | 375,000                            | 13,530,000                            |   |   | 13,905,000  |
| Klondyke Mines.....                           | 1,375,000                          | 1,091,250                             |   |   | 2,466,250   |
| Lake Erie and Detroit River.....              | 1,400,000                          | 3,000,000                             |   |   | 4,400,000   |
| Lake Champlain and St. Lawrence<br>Jet'n..... | 600,000                            | 378,000                               |   |   | 978,000   |
| Lotbinière and Mégantie.....                  | 50,000                             |                                       |   |   | 50,000  |
| Manitoba Great Northern.....                  | 2,066,000                          |                                       |   |   | 2,066,000   |
| Maritime Coal Rly. and Power Co.....          | 2,027,600                          | 1,603,500                             |   |   | 3,631,100   |
| Massawippi Valley.....                        | 800,000                            |                                       |   |   | 800,000   |
| Midland of Manitoba.....                      | 4,800,000                          |                                       |   |   | 4,800,000   |
| Montreal and Atlantic.....                    | 3,200,000                          | 1,065,000                             |   |   | 4,265,000   |
| Morrissey, Fernie and Michel.....             | 1,263,000                          |                                       |   |   | 1,263,000   |
| Napierville Junction.....                     | 600,000                            |                                       |   |   | 600,000   |
| Nelson and Fort Sheppard.....                 | 2,846,800                          |                                       |   |   | 2,846,800   |
| New Westminster Southern.....                 | 600,000                            |                                       |   |   | 600,000   |
| North Shore (N.B.).....                       | 98,000                             | 35,000                                |   |   | 133,000   |
| Northern New Brunswick and Sea-<br>board..... | 298,500                            | 297,000                               |   |   | 595,500   |
| Ottawa and New York.....                      | 1,000,000                          | 1,100,000                             |   |   | 2,100,000   |
| Pacific Great Eastern.....                    | 25,000,000                         | 28,567,350                            |   |   | 53,567,350  |
| Père Marquette (Canada).....                  |                                    | 5,870,000                             |   |   | 5,870,000   |
| Philipsburg Rly. and Quarry Co.....           | 124,500                            | 40,000                                |   |   | 164,500   |
| Quebec Central.....                           | 3,381,603                          | 6,233,406                             |   |   | 9,615,009   |
| Quebec, Montreal and Southern.....            | 1,000,000                          |                                       | 6,000,000   |   | 7,000,000   |
| Quebec Oriental.....                          | 119,500                            | 2,095,074                             |   |   | 2,214,574   |
| Red Mountain.....                             | 412,600                            |                                       |   |   | 412,600   |
| Roberval-Saguenay.....                        | 2,000,000                          | 1,330,000                             |   |   | 3,330,000   |
| Rutland and Noyan.....                        | 100,000                            | 100,000                               |   |   | 200,000   |
| St. Clair Tunnel.....                         | 700,000                            | 2,500,000                             |   |   | 3,200,000   |
| St. Lawrence and Adirondack.....              | 1,236,675                          | 918,892                               |   |   | 2,155,567   |
| Témiscouata.....                              | 1,000,000                          | 3,099,669                             |   |   | 4,099,669   |
| Thousand Islands.....                         | 60,000                             | 50,000                                |   |   | 110,000   |
| Toronto, Hamilton and Buffalo.....            | 4,512,500                          | 5,280,000                             |   | 525,000   | 10,317,500  |
| Vancouver, Victoria and Eastern.....          | 23,500,000                         |                                       |   |   | 23,500,000  |
| Victoria and Sidney B.C.....                  | 103,000                            | 300,000                               |   |   | 403,000   |
| Victoria Terminal Rly. and Ferry Co.....      | 500                                |                                       |   |   | 500   |
| Final totals.....                             | 1,104,409,122                      | \$876,466,284                         | 8,300,000   | 46,990,200  | \$2,036,165,606   |

<sup>4</sup>On 22.19 miles only. For stock.

<sup>4</sup>Sur 22.19 milles seulement. Pour actions.

<sup>5</sup>This total includes \$25,000,000 of Income Bonds issued by the Canadian Northern System, and \$275,000 by the Ottawa and New York.

<sup>5</sup>Dans ce total sont compris les \$25,000,000 d'obligations participant aux dividendes, émises par the Canadian Northern et les \$275,000 du chemin de fer Ottawa and New York.

TABLE 4—Statement of Aid, granted and paid to Railways  
 TABLEAU 4—Etat des subsides accordés et versés aux chemins de fer

| Number—<br>Numéro | Name of Railway<br>Chemin de fer       | By Dominion Government<br>Par le gouvernement fédéral |                        |               | By Provincial<br>Par les |                          |
|-------------------|--|---|------------------------|---------------|--------------------------|--------------------------|
|                   |  | Bonus<br>Granted                                      | Bonus<br>Paid up       | Loan          | Name<br>of Province      | Bonus<br>Granted         |
|                   |  | Subventions<br>accordées                              | Subventions<br>versées | Prêts         | Nom des<br>provinces     | Subventions<br>accordées |
| 1                 | Albert Southern (abandoned)            | \$ 50,460 00  | \$ 50,460 00           |               | New Brunswick            | \$ 48,650 00             |
| 2                 | Harvey Branch                          | 5,553 57  | 5,553 57               |               | "                        | 9,000 00                 |
| 3                 | Algoma Central and Hudson Bay          | 2,048,704 00  | 2,048,704 00           |               | Ontario                  | 199,620 00               |
| 4                 | Algoma Eastern                         | 547,648 00  | 547,648 00             |               | "                        | 265,000 00               |
| 5                 | Atlantic, Quebec and Western           | 902,800 00  | 902,800 00             |               |                          |                          |
| 6                 | Canada and Gulf Terminal               | 210,053 59  | 210,053 59             |               | Quebec                   |                          |
| 7                 | Canada Southern (Michigan Central)     | 51,200 00   | 51,200 00              |               | Ontario                  | 147,559 00               |
| 8                 | Can. Government Rlys.—                 |   |                        |               |                          |                          |
| 9                 | Intercolonial                          |   |                        |               |                          |                          |
| 10                | Canada Eastern                         | 374,839 84  | 374,839 84             |               | New Brunswick            | 377,500 00               |
| 11                | Drummond County                        | 423,936 00  | 423,936 00             |               | Quebec                   | 347,695 00               |
| 12                | Elgin and Havelock                     | 80,652 82   | 80,652 82              |               | New Brunswick            | 107,500 00               |
| 13                | Fredericton and St. Marys Bridge       | 30,000 00   | 30,000 00              |               |                          |                          |
| 14                | International Ry. of New Brunswick     | 726,080 00  | 726,080 00             |               | New Brunswick            | 275,000 00               |
| 15                | Moncton and Buctouche                  | 101,600 00  | 101,600 00             |               | "                        | 96,000 00                |
| 16                | New Brunswick and Prince Edward Island | 113,440 00  | 113,440 00             |               | "                        | 105,000 00               |
| 17                | Nova Scotia Steel and Coal Co.         | 40,000 00   | 39,840 00              |               | Nova Scotia              | 40,000 00                |
| 18                | Quebec and Saguenay                    | 248,801 28  | 248,801 28             |               |                          |                          |
| 19                | Quebec Bridge and Ry. Co.              | 374,353 33  | 374,353 33             |               |                          |                          |
| 20                | Salisbury and Albert                   | 29,665 45   | 29,665 45              |               | New Brunswick            | 455,000 00               |
| 21                | St. Johns and Quebec                   | 1,005,902 42  | 1,005,902 42           |               |                          |                          |
| 22                | St. Martins                            | 83,612 54   | 83,612 54              |               | New Brunswick            | 145,600 00               |
| 23                | York and Carleton                      | 32,896 00   | 32,896 00              |               | "                        | 25,247 00                |
| 24                | Canadian Northern                      | 3,654,606 00  | 3,585,806 00           | 25,000,009 00 | Ontario                  | 1,328,371 00             |
| 25                | Bay of Quinte                          | 350,455 25  | 350,455 25             |               | "                        | 84,000 00                |
| 26                | Brockville, Westport and North Western | 140,800 00  | 140,800 00             |               |                          |                          |
| 27                | Canadian Northern Alberta              | 3,120,000 00  | 3,120,000 00           |               |                          |                          |
| 28                | Canadian Northern Ontario              | 14,775,872 00   | 14,485,635 20          |               |                          |                          |
| 29                | Canadian Northern Pacific              | 6,300,000 00  | 5,987,520 00           |               |                          |                          |
| 30                | Canadian Northern, Quebec              | 1,657,776 89  | 1,657,776 89           |               | Quebec                   | 1,194,129 46             |
| 31                | Central Ontario                        | 205,862 79  | 205,862 79             |               | Ontario                  | 278,000 00               |
| 32                | Edmonton, Yukon and Pacific            | 160,000 00  | 91,200 00              |               |                          |                          |
| 33                | Halifax and South Western              | 1,254,272 00  | 1,238,450 93           |               | Nova Scotia              |                          |
| 34                | Halifax and Yarmouth                   | 160,000 00  | 160,000 00             |               | "                        | 160,000 00               |
| 35                | Iroindale, Bancroft and Ottawa         | 144,000 00  | 144,000 00             |               | Ontario                  | 315,000 00               |
| 36                | Liverpool and Milton                   | 32,000 00   | 32,000 00              |               |                          |                          |
| 37                | Marmora Ry. and Mining Co.             | 30,720 00   | 30,720 00              |               | Ontario                  | 20,542 22                |
| 38                | Manitoba                               |   |                        |               | Manitoba                 | 641,575 25               |
| 39                | Middleton and Victoria Beach           | 125,760 00  | 125,760 00             |               |                          |                          |
| 40                | Ontario and Rainy River                | 1,632,000 00  | 1,534,526 00           |               | Ontario                  | 1,072,800 00             |
| 41                | Port Arthur, Duluth and Western        | 271,200 00  | 271,200 00             |               | "                        | 255,571 00               |

<sup>1</sup>Value of used iron rails, \$14,665.00. <sup>2</sup>Value of used iron rails, \$83,612.54.

<sup>1</sup>Valeur de rails en fer ayant servi, \$14,665.00. <sup>2</sup>Valeur de rails en fer ayant servi, \$83,612.54

## SESSIONAL PAPER No. 20b

by Governments and Municipalities, to December 31, 1919—Continued  
 par les gouvernements et les municipalités jusqu'au 31 décembre 1919—suite

| Governments<br>gouvernements provinciaux   |               |  | By Municipalities<br>Par les municipalités   |  |               |  | Number—<br>Numéro |
|--|---------------|--|--|--|---------------|--|-------------------|
| Bonus<br>Paid up<br>Subventions<br>versées | Loan<br>Prêts | Subscription<br>to Shares<br>Souscription<br>d'actions | Bonus<br>Granted<br>Subventions<br>accordées | Bonus<br>Paid up<br>Subventions<br>versées | Loan<br>Prêts | Subscription<br>to Shares<br>Souscription<br>d'actions |                   |
| cts.                                       | \$ cts.       | \$ cts.  | \$ cts.                                      | \$ cts.                                    | \$ cts.       | \$ cts.  |                   |
| 48,500 00                                  |               |  |  |  |               |  | 1                 |
| 9,000 00                                   |               |  |  |  |               |  | 2                 |
| 199,620 00                                 |               |  |  |  |               |  | 3                 |
| 265,000 00                                 |               |  |  |  |               |  | 4                 |
|  |               |  | 26,000 00                                    | 26,000 00                                  |               |  | 5                 |
|  |               |  |  |  |               |  | 6                 |
| 147,839 00                                 |               |  | 322,500 00                                   | 322,500 00                                 |               |  | 7                 |
|  |               |  |  |  |               |  | 8                 |
|  |               |  |  |  |               |  | 9                 |
|  |               |  |  |  |               |  | 10                |
| 377,500 00                                 |               |  |  |  |               |  | 11                |
| 347,695 00                                 |               |  |  |  |               |  | 12                |
| 106,000 00                                 |               |  | 13,000 00                                    | 13,000 00                                  |               |  | 13                |
|  |               |  | 15,000 00                                    | 15,000 00                                  |               |  | 14                |
| 275,000 00                                 |               |  | 5,000 00                                     | 5,000 00                                   |               |  | 15                |
| 95,000 00                                  |               |  |  |  |               |  | 16                |
| 105,000 00                                 |               |  | 4,000 00                                     | 4,000 00                                   |               |  | 17                |
| 40,000 00                                  |               |  |  |  |               |  | 18                |
|  |               |  |  |  |               |  | 19                |
|  |               |  |  |  |               |  | 20                |
| 455,000 00                                 |               |  | 70,000 00                                    | 70,000 00                                  |               |  | 21                |
|  |               |  |  |  |               |  | 22                |
| 145,600 00                                 |               |  |  |  |               |  | 23                |
| 25,247 00                                  |               |  |  |  |               |  | 24                |
| 1,328,371 00                               |               |  |  |  |               |  | 25                |
| 84,000 00                                  |               |  | 197,990 43                                   | 197,990 43                                 |               |  | 26                |
|  |               |  | 116,000 00                                   | 116,000 00                                 |               |  | 27                |
|  |               |  |  |  |               |  | 28                |
|  |               |  | 124,000 00                                   | 124,000 00                                 |               |  | 29                |
|  |               |  |  |  |               |  | 30                |
| 1,194,129 46                               |               |  | 82,000 00                                    | 82,000 00                                  |               | 200,000 00   | 31                |
| 278,000 00                                 |               |  | 93,500 00                                    | 93,500 00                                  |               |  | 32                |
| 160,000 00                                 | 4,447,000     |  | 88,847 17                                    | 88,847 17                                  |               |  | 33                |
|  |               |  | 15,338 93                                    | 15,338 93                                  |               |  | 34                |
| 135,000 00                                 |               |  |  |  |               |  | 35                |
|  |               |  |  |  |               |  | 36                |
| 20,542 22                                  |               |  |  |  |               |  | 37                |
| 641,575 25                                 |               |  |  |  |               |  | 38                |
|  |               |  |  |  |               |  | 39                |
| 1,072,800 00                               |               |  | 50,000 00                                    | 50,000 00                                  |               |  | 40                |
| 255,571 00                                 |               |  | 40,000 00                                    | 40,000 00                                  |               |  | 41                |

TABLE 4—Statement of Aid, granted and paid to Railways  
 TABLEAU 4—Etat des subsides accordés et versés aux chemins de fer

| Number—<br>Numéro | Name of Railway<br>Chemin de fer           | By Dominion Government<br>Par le gouvernement fédéral |                        |            | By Provincial<br>Par les |                          |
|-------------------|--|---|------------------------|------------|--------------------------|--------------------------|
|                   |  | Bonus<br>Granted                                      | Bonus<br>Paid up       | Loan       | Name<br>of Province      | Bonus<br>Granted         |
|                   |  | Subventions<br>accordées                              | Subventions<br>versées | Prêts      | Nom des<br>provinces     | Subventions<br>accordées |
|                   |  | \$ cts.   | \$ cts.                | \$ cts.    |                          | \$ cts.                  |
| 42                | Quebec and Lake St. John                   | 1,454,695 00  | 1,261,463 50           |            | Quebec                   | 2,671,872 73             |
| 43                | Canadian Pacific                           | 31,632,279 70   | 31,632,279 70          |            | Manitoba                 | 375,377 50               |
| 44                | Controlled <sup>2</sup>                    | 10,189,521 00   | 10,189,521 00          |            | British Colum-<br>bia    | 37,500 00                |
| 45                | Alberta Central                            | 404,480 00  | 404,480 00             |            |                          |                          |
| 46                | Alberta Ry. and Irriga-<br>tion Co.        | 148,094 00  | 148,094 00             |            |                          |                          |
| 47                | Atlantic and North West-<br>ern            | 3,888,800 00  | 3,888,800 00           |            | Quebec                   | 711,122 03               |
| 48                | Canada Central                             | 1,525,250 00  | 1,525,250 00           |            | Ontario                  | 1,479,000 00             |
| 49                | Cap de la Madeleine                        | 7,424 00  | 7,424 00               |            |                          |                          |
| 50                | Columbia and Kootenay                      | 88,800 00   | 88,800 00              |            |                          |                          |
| 51                | Credit Valley                              |   |                        |            | Ontario                  | 531,000 00               |
| 52                | Calgary and Edmonton                       | 126,000 00  | 126,000 00             |            | New Brunswick            | 230,000 00               |
| 53                | Fredericton                                |   |                        |            | Ontario                  |                          |
| 54                | Guelph Junction                            | 51,200 00   | 46,000 00              |            | "                        |                          |
| 55                | Guelph and Goderich                        |   |                        |            | "                        | 456,493 00               |
| 56                | Kings-ton and Pembroke                     | 48,000 00   | 48,000 00              |            |                          |                          |
| 57                | Kootenay Central                           | 1,065,856 00  | 1,065,856 00           |            |                          |                          |
| 58                | Kootenay and Arrowhead                     | 111,095 00  | 111,095 00             |            |                          |                          |
| 59                | Kaslo and Slooan                           |   |                        |            | British Colum-<br>bia    | 100,000 00               |
| 60                | Lake Temiscamingue Co-<br>lonization       | 310,335 95  | 310,335 95             |            | Quebec                   | 350,076 82               |
| 61                | Lake Champlain and St.<br>Lawrence Jet.    |   |                        |            | "                        | 250,280 00               |
| 62                | Lindsay Bobcaygeon and<br>Pontypool        | 185,173 06  | 185,173 06             |            | Ontario                  | 52,500 00                |
| 63                | Manitoba North Western                     |   |                        |            | Manitoba                 |                          |
| 64                | Montreal and Lake Mask-<br>ingoué          | 41,280 00   | 41,280 00              |            | Quebec                   | 87,750 00                |
| 65                | Montreal and Ottawa                        | 192,000 00  | 192,000 00             |            | "                        | 182,210 00               |
| 66                | Montreal and Western                       | 361,270 00  | 361,270 00             |            | Ontario                  | 100,000 00               |
| 67                | Montreal and Atlantic                      |   |                        |            | Quebec                   | 472,500 00               |
| 68                | Nakusp and Slooan                          | 121,600 00  | 117,760 00             |            | "                        | 444,000 00               |
| 69                | New Brunswick                              |   |                        |            | British Colum-<br>bia    |                          |
| 70                | New Brunswick and Can-<br>ada              |   |                        |            | New Brunswick            | 76,000 00                |
| 71                | New Brunswick Southern                     |   |                        |            | "                        | 575,000 00               |
| 72                | Nicola, Kamloops and<br>Similkameen        | 300,800 00  | 300,800 00             |            | "                        | 413,000 00               |
| 73                | Northern Colonization                      | 357,760 00  | 355,200 00             |            | Quebec                   | 96,000 00                |
| 74                | Ontario and Quebec                         | 196,000 00  | 196,000 00             |            | Ontario                  |                          |
| 75                | Ottawa Northern and<br>Western             | 950,302 00  | 821,009 20             |            | "                        | 50,000 00                |
| 76                | Orford Mountain                            | 239,200 00  | 202,926 50             |            | Quebec                   | 1,316,389 15             |
| 77                | Quebec, Montreal, Ottawa<br>and Occidental |   |                        |            | "                        | 146,000 00               |
| 78                | Saskatchewan and West-<br>ern              |   |                        |            | "                        | 727,000 00               |
| 79                | Shuswap and Okanagan                       | 163,200 00  | 163,200 00             |            | Manitoba                 |                          |
| 80                | Southampton                                | 81,280 00   | 81,250 00              |            |                          |                          |
| 81                | St. Johns and Maine                        |   |                        |            | New Brunswick            | 880,000 00               |
| 82                | St. Johns Bridge and Ry.<br>Extension      |   |                        | 433,900 00 | "                        | 5,181 81                 |
| 83                | St. Lawrence and Ottawa                    |   |                        |            | Ontario                  |                          |

<sup>1</sup>Paid by Dominion Government for lands relinquished.

<sup>2</sup>Payé par le gouvernement fédéral pour terres retrocédées.

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by Governments and Municipalities, to December 31, 1919—Continued.  
 par les gouvernements et les municipalités jusqu'au 31 décembre 1919—suite

| Governments<br>gouvernements provinciaux        |                    |   | By Municipalities<br>Par les municipalités        |   |                    |   | Number<br>—<br>Numéro |
|---|--------------------|---|---|---|--------------------|---|-----------------------|
| Bonus<br>Paid up<br>—<br>Subventions<br>versées | Loan<br>—<br>Prêts | Subscription<br>to Shares<br>—<br>Souscription<br>d'actions | Bonus<br>Granted<br>—<br>Subventions<br>accordées | Bonus<br>Paid up<br>—<br>Subventions<br>versées | Loan<br>—<br>Prêts | Subscription<br>to Shares<br>—<br>Souscription<br>d'actions |                       |
| cts.  | § cts.             | § cts.  | § cts.  | § cts.  | § cts.             | § cts.  |                       |
| 2,671,872 73                                    |                    |   | 12,000 00   | 12,000 00                                       |                    | 450,000 00  | 42                    |
| 372,157 50                                      |                    |   | 572,500 00  | 464,761 29                                      |                    |   | 43                    |
| 37,500 00                                       |                    |   |   |   |                    |   | 44                    |
|   |                    |   |   |   |                    |   | 45                    |
|   |                    |   |   |   |                    |   | 46                    |
| 699,192 08                                      |                    |   |   |   |                    | 325,000 00  | 47                    |
| 1,479,000 00                                    |                    |   |   |   |                    | 42,500 00   | 48                    |
|   |                    |   |   |   |                    |   | 49                    |
|   |                    |   |   |   |                    |   | 50                    |
| 531,000 00                                      |                    |   | 1,085,000 00                                      | 1,085,000 00                                    |                    |   | 51                    |
|   |                    |   |   |   |                    |   | 52                    |
| 230,000 00                                      |                    |   | 80,000 00   | 80,000 00                                       |                    |   | 53                    |
|   |                    |   |   |   |                    | 193,000 00  | 54                    |
|   |                    |   | 95,500 00   | 86,933 92                                       |                    |   | 55                    |
| 456,493 00                                      |                    |   | 509,320 00  | 509,320 00                                      |                    |   | 56                    |
|   |                    |   |   |   |                    |   | 57                    |
|   |                    |   |   |   |                    |   | 58                    |
| 100,000 00                                      |                    |   |   |   |                    |   | 59                    |
| 350,076 82                                      |                    |   |   |   |                    |   | 60                    |
| 250,280 00                                      |                    |   | 51,000 00   | 36,000 00                                       |                    |   | 61                    |
| 52,500 00                                       |                    |   | 73,000 00   | 73,000 00                                       |                    |   | 62                    |
|   |                    |   | 215,600 00  | 215,600 00                                      |                    |   | 63                    |
| 87,750 00                                       |                    |   |   |   |                    |   | 64                    |
| 182,210 00                                      |                    |   |   |   |                    |   | 65                    |
| 100,000 00                                      |                    |   | 5,300 00  | 5,300 00  |                    |   | 66                    |
| 472,500 00                                      |                    |   |   |   |                    |   | 67                    |
| 315,891 89                                      |                    |   |   |   |                    | 528,000 00  | 68                    |
|   | 648,074 00         |   |   |   |                    |   | 69                    |
| 76,000 00                                       |                    |   | 23,000 00   | 23,000 00                                       |                    |   | 70                    |
| 575,000 00                                      |                    |   | 47,500 00   | 47,500 00                                       |                    |   | 71                    |
| 413,000 00                                      |                    |   | 3,000 00  | 3,000 00  |                    |   | 72                    |
|   |                    |   |   |   |                    |   | 73                    |
| 96,000 00                                       |                    |   | 52,500 00   | 52,500 00                                       |                    |   | 74                    |
| 50,000 00                                       |                    |   |   |   |                    |   | 75                    |
| 1,192,672 58                                    |                    |   | {150,000 00                                       | 150,000 00                                      |                    |   | 76                    |
| 138,884 92                                      |                    |   | {100,000 00                                       | 100,000 00                                      |                    |   | 77                    |
|   |                    |   | {3,000 00   | 3,000 00  |                    |   | 78                    |
| 727,000 00                                      | 1,176,956 00       |   | 25,000 00   | 25,000 00                                       | 771,644 62         |   | 79                    |
|   |                    |   | 10,000 00   | 10,000 00                                       |                    |   | 80                    |
|   |                    |   |   |   |                    |   | 81                    |
| 880,000 00                                      |                    | 300,000 00  |   |   |                    | 60,000 00   | 82                    |
| 5,181 81  |                    |   |   |   |                    |   | 83                    |
|   |                    |   |   |   | 300,000 00         | 90,000 00   |                       |

II GEORGE V, A. 1921

TABLE 4—Statement of Aid, granted and paid to Railways  
 TABLEAU 4—Etat des subsides accordés et versés aux chemins de fe

| Number—<br>Numéro | Name of Railway<br>—<br>Chemin de fer               | By Dominion Government<br>—<br>Par le gouvernement fédéral |   |                    | By Provincial<br>—<br>Par les                    |   |
|-------------------|---|--|---|--------------------|--|---|
|                   |   | Bonus<br>Granted<br>—<br>Subventions<br>accordées          | Bonus<br>Paid up<br>—<br>Subventions<br>versées | Loan<br>—<br>Prêts | Name<br>of Province<br>—<br>Nom des<br>provinces | Bonus<br>Granted<br>—<br>Subventions<br>accordées |
|                   |   | \$ cts.  | \$ cts.   | \$ cts.            |  | \$ cts.   |
| 84                | St. Mary's and Western Ontario                      | 67,709 00  | 67,709 00                                       |                    |  |   |
| 85                | St. Stephen and Milltown                            | 14,848 00  | 14,848 00                                       |                    | New Brunswick                                    | 13,920 00   |
| 86                | St. Maurice Valley                                  | 173,120 00   | 173,120 00                                      |                    | Quebec   | 13,975 00   |
| 87                | Tilsonburg Lake Erie and Pacific                    | 158,871 48   | 150,071 48                                      |                    | Ontario  | 38,564 00   |
| 88                | Tobique Valley                                      | 134,016 00   | 134,016 00                                      |                    | New Brunswick                                    | 70,000 00   |
| 89                | Toronto, Grey and Bruce                             | 14,656 00  | 14,656 00                                       |                    | Ontario  | 375,282 00  |
| 90                | Vancouver and Lulu Island                           | 61,670 00  | 61,670 00                                       |                    |  |   |
| 91                | Western Ontario Pacific                             | 60,000 00  | 60,000 00                                       |                    | Ontario  |   |
| 92                | Central Ry. of Canada (under construction) (Quebec) | 30,145 02  | 30,145 02                                       |                    |  |   |
| 93                | Cape Breton   | 196,800 00   | 196,800 00                                      |                    | Nova Scotia                                      | 99,200 00   |
| 94                | Caracquet and Gulf Shore                            | 224,000 00   | 224,000 00                                      |                    | New Brunswick                                    | 180,000 00  |
| 95                | Gulf Shore  | 53,699 20  | 53,699 20                                       |                    | "  | 41,950 00   |
| 96                | Central Canada Ry. (Alberta)                        | 175,000 00   | 175,000 00                                      |                    | Alberta  | 175,000 00  |
| 97                | Colchester Coal and Ry. Co                          | 128,000 00   | 128,000 00                                      |                    | Nova Scotia                                      | 128,000 00  |
| 98                | Cumberland Ry. and Coal Co.                         | 44,800 00  | 39,850 00                                       |                    | "  | 184,450 00  |
| 99                | Esquimalt and Nanaimo                               | 1,520,560 00   | 1,520,560 00                                    |                    |  |   |
| 100               | Dominion Atlantic, including—                       |  |   |                    |  |   |
| 101               | Cornwallis Valley                                   | 44,800 00  | 44,800 00                                       |                    | Nova Scotia                                      | 44,800 00   |
| 102               | Midland of Nova Scotia                              | 399,060 40   | 399,060 40                                      |                    | "  | 185,600 00  |
| 103               | Western Counties                                    | 500,000 00   | 500,000 00                                      |                    | "  | 679,197 45  |
| 104               | Windsor and Annapolis                               | 1,193,369 00   | 1,193,369 00                                    |                    | "  |   |
| 105               | Edmonton, Dunvegan and British Columbia             | 320,704 00   | 292,986 73                                      |                    |  |   |
| 106               | Grand Trunk including                               |  |   | 15,142,633 33      |  |   |
| 107               | Beauharnois Jet                                     | 62,400 00  | 62,400 00                                       |                    | Québec   | 195,805 25  |
| 108               | Brantford, Norfolk and Port Burwell                 |  |   |                    | Ontario  | 68,000 00   |
| 109               | Buffalo and Lake Huron                              |  |   |                    | "  |   |
| 110               | Cobourg, Blairton and Marmora                       |  |   |                    | "  | 18,740 00   |
| 111               | Central Counties                                    |  |   |                    | "  |   |
| 112               | Canada Atlantic                                     | 314,400 00   | 282,355 20                                      |                    | { Quebec   | 270,000 00<br>200,000 00                          |
| 113               | Grand Trunk, Victoria—Jubilee Bridge                | 500,000 00   | 500,000 00                                      |                    |  |   |
| 114               | Grand Trunk, Georgian Bay and Lake Erie             |  |   |                    | Ontario  | 336,000 00  |
| 115               | Grand Junction, Belleville and North Hastings       | 21,888 00  | 21,888 00                                       |                    | "  | 224,660 00  |
| 116               | Hamilton and North Western                          |  |   |                    | "  | 565,020 00  |
| 117               | Lake Simcoe Junction                                |  |   |                    | "  | 53,000 00   |
| 118               | London, Huron and Bruce                             |  |   |                    | "  | 178,630 00  |
| 119               | Maganatawan River                                   | 3,552 00   | 3,552 00  |                    | "  | 10,000 00   |
| 120               | Midland   |  |   |                    | "  | 168,350 00  |
| 121               | Montreal and Champlain Jet                          | 103,600 00   | 103,600 00                                      |                    | Quebec   | 150,000 00  |
| 122               | Northern and North Western                          |  |   |                    | Ontario  | 196,188 00  |
| 123               | Northern Pacific Jct.                               | 1,320,000 00   | 1,320,000 00                                    |                    |  |   |
| 124               | North Simcoe  |  |   |                    | Ontario  | 83,300 00   |
| 125               | Ottawa, Arnprior and Parry Sound                    | 779,712 00   | 779,712 00                                      |                    | "  | 441,666 66  |
| 126               | Owen Sound Branch                                   | 39,744 00  | 39,744 00                                       |                    | "  |   |
| 127               | Parry Sound Colonization                            | 152,800 00   | 152,800 00                                      |                    | "  | 148,500 00  |

## SESSIONAL PAPER No. 20b

by Governments and Municipalities, to December 31, 1919—Continued  
 par les gouvernements et les municipalités jusqu'au 31 décembre 1919—suite

| Governments<br>gouvernements provinciaux        |                    |   | By Municipalities<br>Par les municipalités        |   |                    |   | Number<br>—<br>N <sup>o</sup> |
|---|--------------------|---|---|---|--------------------|---|-------------------------------|
| Bonus<br>Paid up<br>—<br>Subventions<br>versées | Loan<br>—<br>Prêts | Subscription<br>to Shares<br>—<br>Souscription<br>d'actions | Bonus<br>Granted<br>—<br>Subventions<br>accordées | Bonus<br>Paid up<br>—<br>Subventions<br>versées | Loan<br>—<br>Prêts | Subscription<br>to Shares<br>—<br>Souscription<br>d'actions |                               |
| cts.  | \$ cts.            | \$ cts.   | \$ cts.   | \$ cts.   | \$ cts.            | \$ cts.   |                               |
|   |                    |   | 80,000 00   | 77,996 39                                       |                    |   | 84                            |
| 13,920 00                                       |                    |   |   |   |                    |   | 85                            |
| 13,975 00                                       |                    |   | 76,000 00   | 76,000 00                                       |                    |   | 86                            |
|   |                    |   |   |   |                    |   |                               |
| 38,564 00                                       |                    |   | 75,000 00   | 75,000 00                                       |                    |   | 87                            |
| 70,000 00                                       |                    |   |   |   |                    |   | 88                            |
| 375,282 00                                      |                    |   | 988,000 00  | 969,561 44                                      |                    |   | 89                            |
|   |                    |   |   |   |                    |   |                               |
|   |                    |   | 25,000 00   | 25,000 00                                       |                    |   | 90                            |
|   |                    |   |   |   |                    |   | 91                            |
|   |                    |   |   |   |                    |   |                               |
|   |                    |   | 10,000 00   | 10,000 00                                       |                    |   | 92                            |
| 99,200 00                                       |                    |   |   |   |                    |   | 93                            |
| 180,000 00                                      |                    |   |   |   |                    |   | 94                            |
| 41,950 00                                       |                    |   |   |   |                    |   | 95                            |
|   |                    |   |   |   |                    |   |                               |
| 110,000 00                                      |                    |   |   |   |                    |   | 96                            |
| 128,000 00                                      |                    |   |   |   |                    |   | 97                            |
|   |                    |   |   |   |                    |   |                               |
| 173,650 00                                      |                    |   |   |   |                    |   | 98                            |
|   |                    |   |   |   |                    |   | 99                            |
|   |                    |   |   |   |                    |   | 100                           |
|   |                    |   |   |   |                    |   |                               |
| 44,800 00                                       |                    |   | 27,685 00   | 27,685 00                                       |                    |   | 101                           |
| 183,514 40                                      |                    |   | 36,000 00   | 36,000 00                                       |                    |   | 102                           |
| 679,197 45                                      |                    |   | 250,000 00  | 250,000 00                                      |                    |   | 103                           |
|   |                    |   |   |   |                    |   | 104                           |
|   |                    |   |   |   |                    |   |                               |
|   |                    |   |   |   |                    |   | 105                           |
|   |                    |   |   |   |                    |   | 106                           |
| 195,805 25                                      |                    |   |   |   |                    |   | 107                           |
|   |                    |   |   |   |                    |   |                               |
| 68,000 00                                       |                    |   |   |   |                    |   | 108                           |
|   |                    |   | 966,000 00  | 966,000 00                                      |                    |   | 109                           |
|   |                    |   |   |   |                    |   |                               |
| 18,740 00                                       | 26,000 00          |   | 113,500 00  | 113,500 00                                      |                    |   | 110                           |
|   |                    |   | 24,000 00   | 24,000 00                                       |                    |   | 111                           |
| 270,000 00                                      |                    |   |   |   |                    |   |                               |
| 200,000 00                                      |                    |   | 150,000 00  | 150,000 00                                      |                    |   | 112                           |
|   |                    |   |   |   |                    |   | 113                           |
|   |                    |   |   |   |                    |   |                               |
| 336,000 00                                      |                    |   | 929,000 00  | 929,000 00                                      |                    |   | 114                           |
|   |                    |   |   |   |                    |   |                               |
| 224,660 00                                      |                    |   | 213,000 00  | 213,000 00                                      |                    | 50,000 00   | 115                           |
|   |                    |   |   |   |                    |   |                               |
| 565,020 00                                      |                    |   | 599,805 00  | 599,805 00                                      |                    |   | 116                           |
| 53,000 00                                       |                    |   | 100,000 00  | 100,000 00                                      |                    |   | 117                           |
| 178,630 00                                      |                    |   | 311,500 00  | 311,500 00                                      |                    |   | 118                           |
| 10,000 00                                       |                    |   |   |   |                    |   | 119                           |
| 168,350 00                                      |                    |   | 144,871 00  | 144,870 00                                      |                    |   | 120                           |
|   |                    |   |   |   |                    |   |                               |
| 150,000 00                                      |                    |   | 21,774 00   | 21,774 00                                       |                    |   | 121                           |
|   |                    |   |   |   |                    |   |                               |
| 196,188 00                                      |                    |   | 241,980 00  | 241,980 00                                      |                    | 390,000 00  | 122                           |
|   |                    |   |   |   |                    |   | 123                           |
| 83,300 00                                       |                    |   |   |   |                    |   | 124                           |
|   |                    |   |   |   |                    |   |                               |
| 434,076 06                                      |                    |   | 4,392 00  | 2,900 00  |                    | 32,000 00   | 125                           |
|   |                    |   | \$5,500 00  | \$5,500 00                                      |                    |   | 126                           |
| 143,250 00                                      |                    |   |   |   |                    |   | 127                           |

II GEORGE V, A. 1921

TABLE 4—Statement of Aid, granted and paid to Railways  
 TABLEAU 4—Etat des subsides accordés et versés aux chemins de fer

| Number<br>Numéro | Name of Railway<br>Chemin de fer                | By Dominion Government<br>Par le gouvernement fédéral |                        |               | By Provincial<br>Par les   |                          |
|------------------|---|---|------------------------|---------------|----------------------------|--------------------------|
|                  |   | Bonus<br>Granted                                      | Bonus<br>Paid up       | Loan          | Name<br>of Province        | Bonus<br>Granted         |
|                  |   | Subventions<br>accordées                              | Subventions<br>versées | Prêts         | Nom des<br>provinces       | Subventions<br>accordées |
|                  |   | \$ cts.   | \$ cts.                | \$ cts.       |                            | \$ cts.                  |
| 128              | Pembroke Southern.....                          | 64,000 00   | 64,000 00              |               | "                          | 55,500 00                |
| 129              | South Norfolk.....                              | 54,400 00   | 54,400 00              |               | "                          |                          |
| 130              | Toronto and Nipissing.....                      |   |                        |               | "                          | 105,212 00               |
| 131              | Victoria.....                                   |   |                        |               | "                          | 312,000 00               |
| 132              | Waterloo Junction                               | 32,800 00   | 32,800 00              |               | "                          |                          |
| 133              | Wellington, Grey and<br>Bruce.....              |   |                        |               | "                          | 241,276 00               |
| 134              | Whitby, Port Perry and<br>Lindsay.....          |   |                        |               | "                          | 94,957 00                |
| 135              | Grand Trunk Pacific.....                        | 1,220,480 00  | 1,220,480 00           | 17,500,000 00 | Ontario.....               | 376,230 00               |
| 136              | .....   | 4,994,416 66  | 4,994,416 66           |               | British Colum-<br>bia..... | 350,000 00               |
| 137              | .....   |   |                        |               | Alberta.....               |                          |
| 138              | Hereford.....                                   | 170,560 00  | 170,560 00             |               | Quebec.....                | 103,000 00               |
| 139              | Inverness Ry. and Coal Co.                      | 627,000 00  | 368,545 97             |               | Nova Scotia.....           | 272,000 00               |
| 140              | Kent Northern.....                              | 58,334 27   | 58,334 27              |               | New Brunswick              | 135,200 00               |
| 141              | St. Louis and Richibucto<br>(abandoned).....    | 22,400 00   | 22,400 00              |               | "                          | 21,000 00                |
| 142              | Kettle Valley.....                              | 2,174,190 72  | 2,174,190 72           |               | British Colum-<br>bia..... | 1,110,700 00             |
| 143              | Klondyke Mines.....                             | 197,184 00  | 197,184 00             |               |                            |                          |
| 144              | L'Assomption (abandoned)                        | 11,200 00   | 11,200 00              |               | Quebec.....                | 5,512 50                 |
| 145              | Lake Erie and Northern.....                     | 320,191 40  | 320,191 40             |               |                            |                          |
| 146              | Lake Erie & Detroit River<br>and Erie and Huron | 571,851 00  | 571,851 00             |               | Ontario.....               | 83,000 00                |
| 147              | Lake Huron and North<br>Western.....            | 53,920 00   | 53,920 00              |               | "                          | 50,918 00                |
| 148              | Lotbinière and Mégantic.....                    | 96,000 00   | 96,000 00              |               | Quebec.....                | 126,000 00               |
| 149              | Maritime Coal Ry. and<br>Power Co.....          | 40,700 00   | 40,700 00              |               | Nova Scotia.....           | 39,788 00                |
| 150              | Massawippi Valley.....                          | 5,376 00  | 5,376 00               |               | Québec.....                | 5,000 00                 |
| 151              | Minudie Coal and Ry. Co.....                    | 18,544 00   | 18,544 00              |               |                            |                          |
| 152              | Montreal and Province line<br>(Cent. Vt.).....  | 58,560 00   | 58,560 00              |               | Quebec.....                | 231,122 00               |
| 153              | Naperville Jct.....                             | 173,440 00  | 173,440 00             |               | "                          |                          |
| 154              | New Brunswick Coal and<br>Ry. Co.....           | 48,000 00   | 48,000 00              |               | New Brunswick              | 224,000 00               |
| 155              | Cent. Ry. of New Brun-<br>swick.....            | 226,012 54  | 226,012 54             |               |                            |                          |
| 156              | North Shore (N.B.).....                         | 27,616 00   | 27,616 00              |               | New Brunswick              | 16,200 00                |
| 157              | Northern New Brunswick<br>and Seaboard.....     | 108,160 00  | 108,160 00             |               |                            |                          |
| 158              | Ottawa and New York.....                        | 262,384 00  | 262,384 00             |               | Ontario.....               | 35,000 00                |
| 159              | Pacific Great Eastern                           |   |                        |               | British Colum-<br>bia..... |                          |
| 160              | Phillipsburg Ry. and Quar-<br>ry Co.....        | 23,712 00   | 23,712 00              |               | Quebec.....                | 25,720 00                |
| 161              | Pontiac and Renfrew.....                        | 13,600 00   | 13,600 00              |               | "                          | 26,250 00                |
| 162              | Quebec Ry. Light and<br>Power Co.....           | 96,000 00   | 96,000 00              |               | "                          | 306,945 50               |
| 163              | Quebec Central.....                             | 665,626 70  | 585,038 90             |               | "                          | 1,076,123 14             |
| 164              | Quebec Oriental.....                            | 845,363 19  | 845,363 19             |               | "                          | 1,596,390 00             |
| 165              | Quebec, Montreal and South<br>ern.....          |   |                        |               | Quebec.....                | 207,565 00               |

<sup>1</sup>Paid under special Implement clause of G.T.P. agreement.

<sup>2</sup>Payé en vertu de la clause dite "du matériel" de la convention du G.T.P.

<sup>3</sup>Value of rails loaned.

<sup>4</sup>Valeur des rails prêtées.



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by Governments and Municipalities, to December 31 1919—Continued  
 par les gouvernements et les municipalités jusqu'au 31 décembre 1919—suite

| Governments<br>gouvernements provinciaux        |                    |   | By Municipalities<br>Par les municipalités        |   |                    |   |     | Number<br>—<br>Numéro |
|---|--------------------|---|---|---|--------------------|---|-----|-----------------------|
| Bonus<br>Paid up<br>—<br>Subventions<br>versées | Loan<br>—<br>Prêts | Subscription<br>to Shares<br>—<br>Souscription<br>d'actions | Bonus<br>Granted<br>—<br>Subventions<br>accordées | Bonus<br>Paid up<br>—<br>Subventions<br>versées | Loan<br>—<br>Prêts | Subscription<br>to Shares<br>—<br>Souscription<br>d'actions |     |                       |
| cts.  | \$ cts.            | \$ cts.   | \$ cts.   | \$ cts.   | \$ cts.            | \$ cts.   |     |                       |
| 55,500 00                                       |                    |   | 20,000 00   | 20,000 00                                       |                    |   | 128 |                       |
| 105,212 00                                      |                    |   | 65,000 00   | 65,000 00                                       |                    |   | 129 |                       |
| 312,000 00                                      |                    |   | 376,702 00  | 376,702 00                                      |                    |   | 130 |                       |
|   |                    |   | 186,000 00  | 186,000 00                                      |                    |   | 131 |                       |
|   |                    |   | 47,000 00   | 47,000 00                                       |                    |   | 132 |                       |
| 241,276 00                                      |                    |   | 682,000 00  | 682,000 00                                      |                    |   | 133 |                       |
| 94,957 00                                       |                    |   | 222,095 00  | 222,094 93                                      |                    |   | 134 |                       |
| 376,230 00                                      |                    |   | 350,000 00  | 350,000 00                                      |                    |   | 135 |                       |
| 350,000 00                                      |                    |   |   |   |                    |   | 136 |                       |
| 84,226 36                                       |                    |   | 100,000 00  | 100,000 00                                      |                    |   | 137 |                       |
| 223,000 00                                      |                    |   | 100,000 00  | 50,000 00                                       |                    |   | 138 |                       |
| 135,200 00                                      |                    |   |   |   |                    |   | 139 |                       |
| 21,000 00                                       |                    |   |   |   |                    |   | 140 |                       |
| 1,110 700 00                                    |                    |   |   |   |                    |   | 141 |                       |
| 5,512 50  |                    |   |   |   |                    |   | 142 |                       |
|   |                    |   |   |   |                    |   | 143 |                       |
|   |                    |   |   |   |                    |   | 144 |                       |
|   |                    |   |   |   |                    |   | 145 |                       |
| 83,000 00                                       |                    |   | 356,500 00  | 356,500 00                                      |                    |   | 146 |                       |
| 50,918 00                                       |                    |   | 500 00  | 500 00  |                    |   | 147 |                       |
| 126,000 00                                      |                    |   |   |   |                    |   | 148 |                       |
| 39,788 00                                       |                    |   |   |   |                    |   | 149 |                       |
| 5,000 00  |                    |   |   |   |                    | 65,000 00   | 150 |                       |
|   |                    |   |   |   |                    |   | 151 |                       |
| 231,122 00                                      |                    |   | 25,000 00   | 25,000 00                                       |                    |   | 152 |                       |
|   |                    |   | 10,000 00   | 10,000 00                                       |                    |   | 153 |                       |
| 224,000 00                                      |                    |   |   |   |                    |   | 154 |                       |
|   |                    |   |   |   |                    |   | 155 |                       |
| 16,200 00                                       |                    |   |   |   |                    |   | 156 |                       |
|   |                    |   |   |   |                    |   | 157 |                       |
| 35,000 00                                       |                    |   | 85,000 00   | 85,000 00                                       |                    |   | 158 |                       |
|   | 3,278,442 11       |   |   |   |                    |   | 159 |                       |
| 25,720 00                                       |                    |   |   |   |                    |   | 160 |                       |
| 26,250 00                                       |                    |   |   |   |                    |   | 161 |                       |
| 306,945 50                                      |                    |   |   |   |                    |   | 162 |                       |
| 1,076,123 14                                    |                    |   | 103,000 00  | 103,000 00                                      |                    |   | 163 |                       |
| 1,155,562 52                                    |                    |   | 50,500 00   | 9,000 00  |                    |   | 164 |                       |
| 207,565 00                                      |                    |   |   |   |                    |   | 165 |                       |

TABLE 4—Statement of Aid, granted and paid to Railways  
TABLEAU 4—Etat des subsides accordés et versés aux chemins de fer

| Number—<br>Numéro | Name of Railway<br>Chemin de fer         | By Dominion Government<br>Par le gouvernement fédéral |  |               | By Provincial<br>Par les                    |  |
|-------------------|--|---|--|---------------|---|--|
|                   |  | Bonus<br>Granted<br>Subventions<br>accordées          | Bonus<br>Paid up<br>Subventions<br>versées | Loan<br>Prêts | Name<br>of Province<br>Nom des<br>provinces | Bonus<br>Granted<br>Subventions<br>accordées |
|                   |  | \$ cts.   | \$ cts.                                    | \$ cts.       |   | \$ cts.                                      |
| 166               | Montreal and Sorel.....                  | 93,757 57   | 93,757 57                                  |               |   |  |
| 167               | South Shore.....                         | 529,442 00  | 529,442 00                                 |               | Quebec.....                                 | 276,645 00                                   |
| 168               | United Counties.....                     | 188,816 00  | 188,816 00                                 |               | Quebec.....                                 | 115,215 00                                   |
| 169               | East Richelieu Valley....                | 69,952 00   | 69,952 00                                  |               |   |  |
| 170               | Fobernal and Saguenay....                | 231,552 00  | 231,552 00                                 |               | Quebec.....                                 |  |
| 171               | Schomberg and Aurora<br>(Electric).....  | 48,000 00   | 46,144 00                                  |               |   |  |
| 172               | St. Clair Tunnel.....                    | 375,000 00  | 375,000 00                                 |               |   |  |
| 173               | St. Lawrence and Adiron-<br>dack.....    | 149,481 60  | 149,481 60                                 |               | Quebec.....                                 | 70,400 00                                    |
| 174               | Sydney and Louisburg.....                | 89,600 00   | 87,808 00                                  |               | Nova Scotia....                             | 82,000 00                                    |
| 175               | Thessalon and Northern<br>Ontario.....   | 6,112 00  | 6,112 00                                   |               | Ontario.....                                | 5,000 00                                     |
| 176               | Témiscouata.....                         | 645,950 00  | 645,950 00                                 |               | Quebec.....                                 | 362,250 00                                   |
| 177               | Temiskaming and Northern<br>Ontario..... | 2,134,080 00  | 2,134,080 00                               |               | New Brunswick                               | 66,000 00                                    |
| 178               | Thousand Islands.....                    | 61,200 00   | 29,840 00                                  |               | Ontario.....                                |  |
| 179               | Toronto, Hamilton and Buf-<br>falo.....  | 57,600 00   | 57,600 00                                  |               | "   |  |
| 180               | Victoria and Sidney <sup>6</sup> .....   |   |  |               | British Colum-<br>bia.....                  | 91,135 00                                    |
|                   | Grand Total.....                         | 122,515,655 23  | 120,843,977 66                             | 58,076,533 33 |   | 34,649,995 47                                |

<sup>4</sup>Differences between advances for interest and repayments which were accepted as in full of the debt. Road ceased operation April 1919.

<sup>6</sup>Différence entre avances pour intérêt et remboursements qui furent acceptés en acquittement de la dette. Cette compagnie a cessé ses opérations en avril 1919.

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by Governments and Municipalities, to December 31, 1919—Concluded  
 par les gouvernements et les municipalités jusqu'au 31 décembre 1919—fin

| Governments<br>gouvernements provinciaux   |               |  | By Municipalities<br>Par les municipalités   |  |               |  | Number—<br>Numero |
|--|---------------|--|--|--|---------------|--|-------------------|
| Bonus<br>Paid up<br>Subventions<br>versées | Loan<br>Prêts | Subscription<br>to Shares<br>Souscription<br>d'actions | Bonus<br>Granted<br>Subventions<br>accordées | Bonus<br>Paid up<br>Subventions<br>versées | Loan<br>Prêts | Subscription<br>to Shares<br>Souscription<br>d'actions |                   |
| cts.                                       | \$ cts.       | \$ cts.  | \$ cts.                                      | \$ cts.                                    | \$ cts.       | \$ cts.  |                   |
| 276,645 00                                 |               |  | 25,000 00                                    | 25,000 00                                  |               |  | 166               |
| 115,215 00                                 |               |  |  |  |               |  | 167               |
|  |               |  |  |  |               |  | 168               |
|  |               |  | 12,365 30                                    | 12,365 30                                  |               |  | 169               |
|  |               |  |  |  |               |  | 170               |
|  |               |  |  |  |               |  | 171               |
|  |               |  |  |  |               |  | 172               |
| 70,400 00                                  |               |  |  |  |               |  | 173               |
| 82,000 00                                  |               |  |  |  |               |  | 174               |
| 5,000 00                                   |               |  |  |  |               |  | 175               |
| 362,250 00                                 |               |  | 25,000 00                                    | 25,000 00                                  |               |  | 176               |
| 66,000 00                                  |               |  |  |  |               |  |                   |
|  |               |  |  |  |               |  | 177               |
|  |               |  | 10,000 00                                    | 10,000 00                                  |               |  | 178               |
|  |               |  | 303,000 00                                   | 300,500 00                                 |               |  | 179               |
| 91,135 00                                  |               |  | 136,702 50                                   | 136,702 50                                 |               |  | 180               |
| 33,593,898 44                              | 9,575,472 11  | 300,000 00   | 13,140,768 33                                | 12,893,528 30                              | 1,071,644 62  | 2,425,500 00   |                   |

TABLE 5—Earnings of Railways for the Year Ending December 31, 1919  
 TABLEAU 5—Bilan financier des chemins de fer pour l'année terminée le 31 décembre 1919

| Name of Railway<br>Nom du chemin de fer                          | Earnings—Rail and Water Lines<br>Gains provenant des transports par terre et par eau |  |             |   | Total<br>Earnings from<br>Operation<br>Total des<br>gains de<br>l'exploitation | Operating<br>Expenses<br>Frais<br>d'exploitation | Net<br>Operating<br>Earnings<br>Gains nets<br>de<br>l'exploitation |      |             |      |            |    |
|--|--|--|-------------|---|--|--|--|------|-------------|------|------------|----|
|  | Passenger <sup>1</sup><br>Voyageurs <sup>1</sup>                                     | Freight and<br>Switching<br>Marchandises<br>et<br>transbordement |             | Other Earnings<br>from<br>Operation<br>Autres<br>gains de<br>l'exploitation |  |  |  |      |             |      |            |    |
|  |  | \$   | cts.        | \$  |  |  |  | cts. | \$          | cts. |            |    |
| Algoma Central and Hudson Bay.....                               | 119,916  | 74   | 1,545,118   | 06  | 136,619  | 71   | 1,801,654  | 51   | 31,723      | 37   |            |    |
| Algonia Eastern.....   | 63,348   | 50   | 736,415     | 38  | 57,467   | 50   | 837,231  | 78   | 573,112     | 21   | 282,119    | 37 |
| Alberta and Great Waterways<br>Atlantic, Quebec and Western..... | 37,416   | 11   | 99,074      | 57  | 9,121  | 11   | 145,611  | 79   | 162,620     | 07   | 17,008     | 28 |
| Brandon, Sask. and Hudson Bay.....                               | 50,831   | 66   | 157,115     | 77  | 207,947  | 43   | 249,234  | 46   | 249,234     | 46   | 41,287     | 03 |
| British Yukon.....   | 30,473   | 95   | 21,370      | 30  | 557  | 04   | 52,401   | 29   | 186,241     | 17   | 133,839    | 88 |
| Canada and Gulf Terminal.....                                    | 44,833   | 36   | 96,985      | 85  | 2,361  | 29   | 144,180  | 41   | 105,774     | 17   | 38,406     | 24 |
| Canada Southern.....   | 34,579   | 18   | 69,445      | 70  | 5,186  | 36   | 109,211  | 24   | 76,545      | 99   | 32,665     | 25 |
| Canadian National Railways—<br>Intercolonial.....                | 6,253,213  | 17   | 15,409,050  | 18  | 354,326  | 61   | 22,016,589   | 96   | 13,771,294  | 52   | 8,245,295  | 44 |
| Prince Edward Island.....  | 10,607,947   | 03   | 16,631,004  | 73  | 1,191,415  | 72   | 27,830,357   | 48   | 31,416,053  | 12   | 3,585,685  | 64 |
| International of New Brunswick.....                              | 335,728  | 03   | 531,920     | 61  | 27,564   | 05   | 895,212  | 69   | 1,647,352   | 24   | 752,139    | 55 |
| St. John and Quebec.....   | 60,394   | 52   | 140,196     | 91  | 2,296  | 37   | 202,887  | 80   | 481,427     | 08   | 278,539    | 28 |
| Transcontinental.....  | 54,421   | 05   | 101,526     | 87  | 1,657  | 74   | 157,615  | 05   | 254,138     | 39   | 96,522     | 73 |
| Elgin and Havelock.....  | 2,340,712  | 04   | 8,568,639   | 45  | 171,136  | 48   | 11,080,487   | 97   | 13,815,382  | 69   | 2,735,194  | 72 |
| Moncton and Baieouche.....                                       | 6,455  | 41   | 16,679      | 41  | .....  | .....  | 23,134   | 82   | 53,006      | 92   | 29,872     | 10 |
| Salisbury and Albert.....  | 21,467   | 70   | 29,430      | 93  | 100  | 64   | 50,999   | 27   | 101,881     | 46   | 50,882     | 19 |
| St. Martins.....   | 15,033   | 25   | 51,548      | 96  | 802  | 02   | 67,404   | 23   | 133,261     | 61   | 65,857     | 41 |
| York and Carleton.....   | 6,839  | 10   | 11,982      | 03  | 257  | 19   | 19,078   | 35   | 51,989      | 49   | 32,211     | 17 |
| Canadian Northern.....   | 2,747  | 05   | 6,995       | 70  | 65   | 00   | 9,808  | 35   | 27,951      | 09   | 18,142     | 71 |
| Canadian Pacific.....  | 11,792,576   | 80   | 38,817,442  | 56  | 1,526,887  | 83   | 52,136,907   | 25   | 58,885,291  | 80   | 6,748,291  | 55 |
| Cape Breton.....   | 38,783,005   | 14   | 114,806,356 | 31  | 7,099,691  | 61   | 177,679,963  | 06   | 145,188,844 | 33   | 32,491,118 | 73 |
| Caracquet and Gulf Shore.....                                    | 10,567   | 67   | 14,737      | 10  | .....  | .....  | 25,324   | 77   | 31,390      | 77   | 6,066      | 00 |
| Central Canada.....  | 28,917   | 93   | 101,938     | 50  | .....  | .....  | 130,856  | 43   | 123,648     | 32   | 7,208      | 11 |
| Central Vermont.....   | 17,205   | 04   | 17,493      | 55  | 893  | 51   | 35,592   | 10   | 68,451      | 05   | 32,858     | 95 |
| Crow's Nest, Southern.....                                       | 158,446  | 17   | 273,484     | 22  | 4,148  | 40   | 436,078  | 79   | 475,071     | 83   | 38,993     | 04 |
| Cumberland.....  | 18,526   | 30   | 49,308      | 55  | 2,255  | 74   | 70,091   | 19   | 286,470     | 36   | 216,379    | 17 |
| Donnion Atlantic.....  | 25,581   | 63   | 144,365     | 91  | 7,999  | 17   | 175,946  | 71   | 131,336     | 18   | 44,590     | 53 |
| Eastern British Columbia.....                                    | 770,145  | 88   | 1,047,881   | 45  | 31,235   | 02   | 1,849,262  | 35   | 1,575,231   | 73   | 274,030    | 62 |
| Edmonton, Dunvegan and British Columbia.....                     | 1,854  | 20   | 30,872      | 72  | 3,034  | 30   | 35,761   | 22   | 50,112      | 75   | 14,351     | 53 |
| Essex Terminal.....  | 359,899  | 90   | 715,497     | 66  | 42,494   | 14   | 1,117,894  | 76   | 939,615     | 76   | 178,275    | 94 |
| Esquimaux and Naininao.....                                      | 120,826  | 51   | 190,297     | 15  | 19,297   | 15   | 140,123  | 66   | 124,877     | 82   | 15,245     | 84 |
| .....  | 352,033  | 54   | 843,707     | 75  | 27,167   | 04   | 1,222,908  | 33   | 848,465     | 47   | 374,442    | 80 |

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|  |                |                |               |                |                |               |
|--|----------------|----------------|---------------|----------------|----------------|---------------|
| Fredericton and Grand Lake Coal Rly. Co. | 13,069 85      | 128,257 75     | 319 41        | 141,647 01     | 143,385 14     | -1,738 13     |
| Grand Trunk                              | 18,223,650 95  | 48,755,370 69  | 1,580,467 81  | 68,530,489 45  | 59,881,123 68  | 8,678,365 77  |
| Grand Trunk Pacific                      | 2,138,971 92   | 6,389,819 23   | 372,303 13    | 8,961,094 28   | 13,557,003 27  | -4,595,908 99 |
| Grand Trunk Pacific Branch Lines         | 566,710 93     | 1,725,212 78   | 38,584 89     | 2,330,508 60   | 4,007,043 87   | -1,676,535 27 |
| Heretford                                | 28,988 96      | 84,619 24      | 939 89        | 114,548 09     | 253,238 70     | -138,690 61   |
| Kent Northern                            | 14,605 98      | 34,684 25      | 195 51        | 49,485 71      | 27,898 78      | -21,586 96    |
| Kettle Valley                            | 320,527 76     | 440,271 11     | 26,661 54     | 787,460 41     | 1,106,441 33   | -318,980 92   |
| Lotbinière and Mégantic                  | 6,648 35       | 45,191 51      | 30 00         | 51,869 86      | 45,432 32      | 6,437 54      |
| Maine Central                            | 18,925 76      | 8,680 97       | 778 54        | 27,616 73      | 27,765 84      | -149 11       |
| Manitoba Great Northern                  | 8,168 92       | 17,996 54      | 778 54        | 26,944 00      | 157,293 48     | -130,349 48   |
| Maritime Coal Rly. and Power Co.         | 9,295 53       | 120,241 44     | 112 00        | 129,648 97     | 90,843 79      | 38,805 18     |
| Massachusetts Valley                     | 108,968 80     | 132,480 99     | 2,547 81      | 243,967 60     | 354,337 79     | -110,340 19   |
| Midland of Manitoba                      | 236,170 73     | 127,377 06     | 24,032 72     | 377,580 51     | 491,441 07     | -113,860 56   |
| Montreal and Atlantic                    | 316,929 11     | 1,309,158 67   | 48,233 86     | 1,674,321 64   | 1,659,706 05   | 14,615 59     |
| Morrissey, Fernie and Michel             | 7,056 50       | 79,779 45      | 86,873 95     | 86,450 38      | 86,450 38      | 385 57        |
| Napierville Junction                     | 284,965 39     | 213,126 58     | 765 17        | 498,857 34     | 385,917 79     | 112,939 55    |
| Nelson and Fort Sheppard                 | 26,761 70      | 26,017 97      | 2,104 14      | 54,883 81      | 163,424 96     | -108,541 05   |
| New Brunswick Coal and Rly. Co.          | 21,102 30      | 39,719 06      | 9,574 91      | 70,476 27      | 100,339 76     | -29,863 49    |
| New Westminster Southern                 | 203 67         | 214 64         | 20 33         | 438 64         | 5,312 69       | -4,874 05     |
| Ottawa and New York                      | 168,740 16     | 224,164 65     | 1,817 23      | 394,722 04     | 472,538 34     | -77,816 30    |
| Père Marquette                           | 194,777 80     | 4,380,205 86   | 33,550 08     | 4,608,533 74   | 2,817,037 98   | 1,791,495 76  |
| Pacific Great Eastern                    | 129,872 43     | 344,637 34     | 6,738 52      | 481,248 29     | 838,837 12     | -357,588 83   |
| Quebec Central                           | 732,222 85     | 1,810,147 42   | 45,392 10     | 2,587,762 37   | 2,001,239 89   | 586,522 48    |
| Quebec, Montreal and Southern            | 159,536 66     | 414,190 63     | 4,163 41      | 577,890 70     | 837,138 44     | -259,247 74   |
| Quebec Oriental                          | 96,600 02      | 242,306 26     | 221 56        | 338,906 28     | 302,820 08     | 36,086 20     |
| Quebec Rly. Light and Power Co.          | 7,414 31       | 151,613 48     | 221 56        | 159,249 35     | 292,444 06     | -133,194 71   |
| Red Mountain                             | 3,119 17       | 4,414 46       | 218 96        | 7,752 39       | 36,657 94      | -28,905 35    |
| Roberval-Saguenay                        | 38,196 00      | 272,007 00     | 24,802 00     | 335,005 00     | 251,395 00     | 83,610 00     |
| Rutland and Noyan                        | 327,608 04     | 7,863 84       | 7,863 84      | 7,863 84       | 14,129 23      | -6,265 39     |
| St. Lawrence and Adirondaek              | 68,480 55      | 820,188 55     | 16,965 69     | 1,164,762 28   | 904,187 00     | 260,575 28    |
| Sydney and Louisburg                     | 74,954 90      | 1,061,631 51   | 25,917 57     | 1,156,329 63   | 1,054,178 34   | 102,151 29    |
| Témiscouata                              | 1,010,188 66   | 292,637 64     | 6,637 05      | 374,229 59     | 332,857 45     | 41,372 14     |
| Temiskaming and Northern Ontario         | 17,971 11      | 2,053,323 33   | 127,636 46    | 3,191,148 45   | 3,142,611 58   | 48,536 87     |
| Thousand Islands                         | 616,637 15     | 33,808 02      | 4,786 91      | 56,568 04      | 38,002 02      | 18,566 02     |
| Toronto, Hamilton and Buffalo            | 237,129 98     | 1,833,796 87   | 50,482 76     | 2,500,916 78   | 2,006,997 76   | 493,919 02    |
| Vancouver, Victoria and Eastern          | 305 85         | 277,485 86     | 112,027 39    | 646,643 23     | 1,384,563 51   | -737,920 28   |
| Victoria Terminal Rly. and Ferry Co.     | 3,723 78       | 5,790 71       | 39 57         | 9,638 43       | 2,322 98       | -1,709 50     |
| Victoria and Sidney, B.C.                | 491,427 34     | 4,491,245 97   | 99,649 96     | 5,082,323 23   | 3,891,817 65   | -5,364 03     |
| Wabash (in Canada)                       | 119,203,749 34 | 276,008,801 59 | 13,385,809 87 | 408,598,360 80 | 376,789,093 44 | 31,809,267 36 |
| Total                                    | 119,203,749 34 | 276,008,801 59 | 13,385,809 87 | 408,598,360 80 | 376,789,093 44 | 31,809,267 36 |

\*Includes all passenger train revenue except dining and buffet car receipts.  
 \*Comprendant tous les trains de voyageurs, à l'exception des recettes des wagons-restaurants.

TABLE 6—Earnings and Income for the year ending December 31, 1919.  
TABLEAU 6—Gains et revenu pendant l'année terminée le 31 décembre 1919

| Name of Railway<br>Nom du chemin de fer         | Revenue from Transportation—Rail Line—Receites provenant du service des transports—Par rail |  |                        |   |   |                                     |  |                |  |  |  |
|---|---|--|------------------------|---|---|-------------------------------------|--|----------------|--|--|--|
|   | Freight<br>Marchandises   | Per Ton<br>per Mile<br>Par tonne,<br>par mille | Passenger<br>Voyageurs | Per<br>Passenger<br>per Mile<br>Par<br>voyageur,<br>par mille | Excess<br>Baggage<br>Excédent<br>de bagages | Sleeping<br>Cars<br>Wagons-<br>lits | Parlor and<br>Chair Car<br>Wagons-<br>salons | Mail<br>Postes |  |  |  |
|   | \$ cts.   | Cents.   | \$ cts.                | Cents.  | \$ cts.                                     | \$ cts.                             | \$ cts.                                      | \$ cts.        |  |  |  |
| Algoma Central and Hudson Bay.....              | 879,404 16  | 1-026  | 113,974 87             | 3-714   | 551 31                                      |                                     |  |                |  |  |  |
| Algoma Eastern.....                             | 577,836 88  | 3-216  | 55,566 15              | 3-584   | 339 72                                      |                                     |  |                |  |  |  |
| Alberta Great Waterways.....                    | 99,074 57   | 1-521  | 32,024 66              | 3-583   | 41 18                                       |                                     |  | 980 42         |  |  |  |
| Atlantic, Quebec and Western.....               | 157,115 77  | 2-161  | 46,916 00              | 3-068   | 284 33                                      |                                     |  | 1,025 40       |  |  |  |
| Brandon, Saskatchewan and Hudson Bay.....       | 13,818 19   | 1-449  | 25,586 69              | 3-222   | 194 23                                      |                                     |  | 2,442 24       |  |  |  |
| British, Yukon.....                             | 96,985 85   | 9-929  | 38,723 11              | 8-751   | 235 66                                      |                                     |  | 2,896 04       |  |  |  |
| Canada and Gulf Terminal.....                   | 69,445 70   | 5-440  | 26,054 90              | 3-772   | 395 63                                      |                                     |  |                |  |  |  |
| Canada Southern.....                            | 15,353,757 08   | 0-978  | 5,717,020 47           | 2-865   | 33,337 92                                   |                                     |  | 127,414 97     |  |  |  |
| Canadian National Railways:—                    |   |  |                        |   |   |                                     |  |                |  |  |  |
| Intercolonial.....                              | 15,274,057 42   | 0-912  | 8,760,126 72           | 2-288   | 45,651 67                                   | 461,081 97                          |  | 399,058 59     |  |  |  |
| Prince Edward Island.....                       | 531,168 18  | 4-275  | 275,440 87             | 2-415   | 2,736 68                                    | 24 50                               |  | 22,410 81      |  |  |  |
| International of New Brunswick.....             | 140,196 91  | 1-877  | 57,192 33              | 3-307   | 281 01                                      |                                     |  | 1,389 72       |  |  |  |
| St. John and Quebec.....                        | 101,527 87  | 2-562  | 50,572 62              | 2-989   | 254 15                                      |                                     |  | 2,203 62       |  |  |  |
| Transcontinental.....                           | 8,535,891 72  | 0-655  | 2,161,521 61           | 2-286   | 6,599 27                                    | 41,829 83                           |  | 31,363 35      |  |  |  |
| Edgin & Haydock.....                            | 16,679 41   | 7-381  | 5,225 48               | 3-016   | 18 19                                       |                                     |  | 673 92         |  |  |  |
| Moncton and Buctouche.....                      | 29,370 93   | 5-670  | 19,003 66              | 2-518   | 277 68                                      |                                     |  | 801 28         |  |  |  |
| Sallsbury and Albert.....                       | 51,558 96   | 2-967  | 11,480 51              | 3-011   | 117 99                                      |                                     |  | 2,535 30       |  |  |  |
| St. Martins.....                                | 11,982 03   | 5-882  | 5,738 72               | 3-103   | 69 72                                       |                                     |  | 751 20         |  |  |  |
| York and Carlton.....                           | 6,989 70  | 10-950   | 2,569 38               | 3-906   | 28 03                                       |                                     |  | 150 24         |  |  |  |
| Canadian Northern.....                          | 38,276,362 55   | 0-946  | 9,620,397 13           | 2-793   | 64,753 87                                   | 427,261 18                          |  | 374,156 10     |  |  |  |
| Canadian Pacific.....                           | 109,391,147 05  | 1-003  | 45,596,446 55          | 2-585   | 371,187 00                                  | 3,578,218 50                        |  | 1,688,060 48   |  |  |  |
| Caracquet and Gulf Shore.....                   | 14,757 10   | 5-707  | 9,681 22               | 2-982   | 48 30                                       |                                     |  |                |  |  |  |
| Central Canada.....                             | 101,938 50  | 3-064  | 27,295 10              | 3-514   | 93 64                                       |                                     |  | 560 40         |  |  |  |
| Crow's Nest Southern.....                       | 269,472 68  | 2-521  | 121,717 77             | 3-283   | 953 95                                      | 379 62                              |  | 383 12         |  |  |  |
| Cumberland.....                                 | 49,332 55   | 1-104  | 15,220 13              | 3-586   | 119-42                                      |                                     |  | 7,106 41       |  |  |  |
| Dominion Atlantic.....                          | 144,365 91  | 5-940  | 17,525 79              | 2-790   | 339 29                                      |                                     |  | 1,288 78       |  |  |  |
| Eastern British Columbia.....                   | 1,045,254 01  | 2-619  | 647,024 55             | 2-936   |   |                                     |  | 985 92         |  |  |  |
| Edmonton, Duavegan and British Columbia.....    | 30,872 72   | 2-622  | 1,579 20               | 5-433   |   |                                     |  | 27,732 34      |  |  |  |
| Essex Terminal.....                             | 715,494 66  | 2-094  | 300,843 47             | 3-336   | 4,686 37                                    | 1,354 20                            |  | 2,575 00       |  |  |  |
| Esquimalt and Nanaimo.....                      | 116,890 44  | 3-170  |                        |   | 1,592 21                                    |                                     |  | 2,912 32       |  |  |  |
| Fredericton and Grand Lake Coal and Ry. Co..... | 842,989 87  | 3-517  | 303,615 47             | 3-230   | 1,937 37                                    |                                     |  | 10,108 16      |  |  |  |
|   | 128,257 75  | 2-357  | 12,243 53              | 3-571   |   |                                     |  | 826 32         |  |  |  |

STEAM RAILWAY STATISTICS

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|  |                |        |               |       |            |              |              |
|--|----------------|--------|---------------|-------|------------|--------------|--------------|
| Grand Trunk.....                             | 48,162,013 07  | 1-056  | 15,107,381 56 | 2-701 | 71,075 06  | 102,204 31   | 546,649 15   |
| Grand Trunk Pacific.....                     | 6,363,302 42   | 0-987  | 1,674,079 76  | 2-786 | 13,159 00  | 342 46       | 124,223 03   |
| Grand Trunk Pacific Branch Lines.....        | 1,708,632 28   | 1-643  | 485,554 37    | 2-956 | 3,351 04   | 1,371 29     | 19,710 95    |
| Hereford.....                                | 84,619 24      | 2-682  | 24,791 90     | 4-010 | 145 57     | .....        | 2,979 00     |
| Kent Northern.....                           | 34,681 25      | .....  | 11,107 80     | 0-572 | 114 58     | .....        | 721 76       |
| Kettle Valley.....                           | 426,238 77     | 2-137  | 261,375 59    | 3-330 | 2,223 12   | .....        | 7,804 51     |
| Loebrière and Megantic.....                  | 45,191 51      | .....  | 4,919 05      | ..... | .....      | .....        | 1,729 30     |
| Maine Central.....                           | 8,690 97       | 0-672  | 17,417 74     | 2-937 | 35 08      | .....        | 128 61       |
| Manitoba Great Northern.....                 | 17,036 88      | 1-353  | 7,267 75      | 3-249 | 56 34      | .....        | .....        |
| Maritime Coal Railway and Power Co.....      | 119,659 44     | 4-963  | 7,612 65      | 3-362 | 66 10      | 283 80       | 591 84       |
| Mississippi Valley.....                      | 130,491 94     | 0-849  | 103,517 83    | 3-277 | 473 42     | .....        | 3,977 59     |
| Midland of Manitoba.....                     | 116,867 57     | 1-093  | 177,174 90    | 3-179 | 1,446 36   | .....        | 8,693 14     |
| Montreal and Atlantic.....                   | 1,294,909 71   | 1-634  | 270,901 89    | 3-653 | 2,047 06   | 1,428 49     | 12,876 74    |
| Morrissey, Fermie and Michel.....            | 76,677 90      | 3-829  | 7,056 50      | 1-942 | .....      | .....        | .....        |
| Napierville Junction.....                    | 213,126 58     | 0-957  | 252,725 55    | 4-009 | 1,707 55   | .....        | 1,331 24     |
| Nelson and Fort Sheppard.....                | 26,017 97      | 2-045  | 22,458 22     | 3-928 | 177 10     | .....        | 1,487 52     |
| New Brunswick Coal and Railway Co.....       | 39,799 06      | 2-358  | 18,788 24     | 3-199 | .....      | .....        | 135 59       |
| New Westminster Southern.....                | 214 64         | 3-818  | 84 39         | 3-183 | 0 60       | .....        | .....        |
| Ottawa and New York.....                     | 228,270 71     | 0-887  | 113,200 19    | 3-013 | 685 85     | .....        | 4,732 44     |
| Père Marquette.....                          | 4,341,925 16   | 0-770  | 145,096 72    | 2-986 | 1,083 09   | .....        | 11,719 57    |
| Pacific Great Eastern.....                   | 344,610 34     | .....  | 117,654 45    | ..... | 190 50     | .....        | 2,487 21     |
| Quebec Central.....                          | 1,810,147 42   | 2-239  | 652,688 08    | 2-612 | 4,806 47   | .....        | 27,805 24    |
| Quebec Oriental.....                         | 410,999 10     | 1-904  | 135,539 59    | 3-302 | 878 30     | .....        | 3,946 03     |
| Quebec Railway, Light and Power Co.....      | 244,306 26     | 1-834  | 83,271 77     | 3-109 | 85 00      | 1,661 30     | 4,951 44     |
| Red Mountain.....                            | 148,239 88     | 5-254  | 7,414 31      | 3-148 | 14 16      | .....        | 244 00       |
| Roberval Saguenay.....                       | 3,199 46       | 3-622  | 1,765 28      | 3-418 | 215 00     | .....        | .....        |
| Rutland and Noyan.....                       | 168,922 00     | 1-465  | 31,429 00     | ..... | .....      | .....        | .....        |
| St. Lawrence and Adirondack.....             | 7,863 84       | .....  | .....         | ..... | .....      | .....        | .....        |
| Sydney and Louisburg.....                    | 817,907 74     | 0-695  | 277,336 49    | 1-905 | 857 45     | .....        | 3,992 20     |
| Témiscouata.....                             | 1,037,801 53   | 2-280  | 63,656 10     | 3-129 | 464 10     | .....        | 1,009 60     |
| Thémiskaming and Northern Ontario.....       | 276,909 14     | 3-588  | 63,129 04     | 3-294 | 846 78     | .....        | 5,991 68     |
| Thousand Islands.....                        | 2,035,491 56   | 1-104  | 896,257 66    | 2-784 | 6,126 76   | .....        | 23,457 13    |
| Toronto, Hamilton and Buffalo.....           | 33,791 77      | 16-595 | 11,003 15     | 4-114 | 201 21     | .....        | 963 13       |
| Vancouver, Victoria and Eastern.....         | 1,739,637 63   | 2-006  | 581,430 11    | 3-146 | 2,588 22   | .....        | 4,007 46     |
| Vancouver Terminal Railway and Ferry Co..... | 233,980 89     | 1-109  | 208,066 31    | 3-303 | 1,583 34   | 4,258 08     | 9,379 52     |
| Victoria and Sidney, B.C.....                | 4,903 88       | 7-326  | 262 57        | 4-001 | .....      | .....        | 8 32         |
| Wabash (in Canada).....                      | 4,491,245 97   | 0-825  | 3,247 48      | 2-428 | 2,131 67   | .....        | 142 13       |
| Total.....                                   | 270,533,047 47 | .....  | 96,262,240 97 | ..... | 655,892 12 | 4,735,108 58 | 3,548,325 11 |

TABLE 6—Earnings and Income for the year ending December 31, 1919—Continued  
 TABLEAU 6—Gains et revenu pendant l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer   | Revenues from Transportation—Rail Line—Continued<br>Recettes provenant du service des transports—Par rail—suite |   |                            |                                  |   |  |                |       |        |       |            |            |             |    |
|---|---|---|----------------------------|----------------------------------|---|--|----------------|-------|--------|-------|------------|------------|-------------|----|
|   | Express<br>Messagerie   | Other<br>Passenger<br>Train<br>Autres<br>trains de<br>voyageurs | Milk<br>Service<br>du lait | Switching<br>Transborde-<br>ment | Special<br>Service<br>Train<br>Trains<br>spéciaux | Other<br>Freight<br>Train<br>Autres<br>trains de<br>marchandises | Total<br>Total |       |        |       |            |            |             |    |
|   | \$  | cts.  | \$                         | cts.                             | \$  | cts.   | \$             | cts.  | \$     | cts.  |            |            |             |    |
| Algonia Central and Hudson Bay.....       | 5,390   | 53  |                            |                                  |   |  |                |       |        |       | 1,140,668  | 86         |             |    |
| Algoma Eastern.....                       | 7,442   | 63  |                            | 141,205                          | 46  |  |                | 42    | 50     |       | 666,843    | 01         |             |    |
| Alberta Great Waterways.....              | 4,349   | 85  | 20                         | 18,788                           | 63  |  |                | 6,849 | 00     |       | 136,790    | 68         |             |    |
| Atlantic, Quebec and Western.....         | 2,605   | 93  |                            |                                  |   |  |                | 300   | 00     |       | 207,947    | 43         |             |    |
| Brandon, Saskatchewan and Hudson Bay..... | 2,428   | 26  |                            | 7,552                            | 11  |  |                |       |        |       | 51,844     | 25         |             |    |
| British Yukon.....                        | 1,411   | 57  |                            |                                  |   |  |                | 237   | 50     |       | 142,056    | 71         |             |    |
| Canada and Gulf Terminal.....             | 8,128   | 65  |                            |                                  |   |  |                |       |        |       | 104,024    | 88         |             |    |
| Canada Southern.....                      | 368,491   | 53  | 3,158                      | 55,293                           | 10  | Dr.  |                | 126   | 53     |       | 21,662,136 | 82         |             |    |
| Canadian National Railways:—              |   |   |                            |                                  |   |  |                |       |        |       |            |            |             |    |
| Intercolonial.....                        | 875,784   | 38  |                            |                                  |   |  |                |       |        |       |            |            |             |    |
| Prince Edward Island.....                 | 35,115  | 17  |                            | 137,438                          | 27  |  |                | 9,053 | 01     | 1,019 | 86         | 26,029,515 | 59          |    |
| International of New Brunswick.....       | 1,530   | 86  |                            | 376                              | 38  |  |                | 1,025 | 50     | 376   | 05         | 868,674    | 14          |    |
| St. John & Quebec.....                    | 1,390   | 76  |                            |                                  |   |  | 9              |       |        |       |            | 200,591    | 43          |    |
| Transcontinental.....                     | 95,089  | 44  |                            |                                  |   |  | 9              |       |        |       |            | 155,957    | 92          |    |
| Edgton and Havelock.....                  | 516   | 90  |                            |                                  |   |  | 32,777         | 73    |        |       |            | 10,912,879 | 19          |    |
| Moncton and Pictouche.....                | 585   | 90  |                            |                                  |   |  | 60             |       |        |       |            | 23,134     | 82          |    |
| Salisbury and Albert.....                 | 811   | 86  |                            |                                  |   |  | 10             |       |        |       |            | 50,898     | 63          |    |
| St. Martins.....                          | 277   | 36  |                            |                                  |   |  |                |       |        |       |            | 66,602     | 21          |    |
| York and Carleton.....                    |   |   |                            |                                  |   |  |                |       |        |       |            | 18,821     | 13          |    |
| Canadian Northern.....                    | 1,172,025   | 76  | 16,102                     | 86,868                           | 15  |  | 6              |       |        |       |            | 9,743      | 35          |    |
| Canadian Pacific.....                     | 6,532,868   | 62  | 10,541                     | 243,824                          | 68  |  | 540,857        | 51    | 6,856  | 05    | 222        | 50         | 50,617,079  | 87 |
| Cape Breton.....                          | 835   | 15  |                            |                                  |   |  | 719,808        | 55    | 31,184 | 79    | 22,106     | 08         | 168,556,225 | 62 |
| Caracquet and Gulf Shore.....             | 787   | 43  | 275                        |                                  |   |  |                |       |        |       |            | 25,324     | 77          |    |
| Central Canada.....                       | 1,061   | 85  |                            |                                  |   |  | 129            | 74    |        |       |            | 130,856    | 43          |    |
| Central Vermont.....                      | 27,155  | 39  | 15                         | 4,011                            | 54  |  |                |       | 406    | 80    |            | 34,698     | 59          |    |
| Crow's Nest Southern.....                 | 1,888   | 94  | 9                          | Dr.                              | 24  | 00   |                |       |        |       |            | 432,337    | 19          |    |
| Cumberland.....                           | 4,730   | 70  |                            |                                  |   |  |                |       |        |       |            | 67,835     | 45          |    |
| Dominion Atlantic.....                    | 70,000  | 00  | 35                         | 9,348                            | 52  |  | 2,627          | 44    | 2,659  | 40    |            | 167,972    | 54          |    |
| Eastern British Columbia.....             |   |   |                            |                                  |   |  |                |       |        |       |            | 1,820,686  | 73          |    |
|   |   |   |                            |                                  |   |  |                |       |        |       |            | 32,751     | 92          |    |



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|   |               |           |            |              |            |           |                |
|---|---------------|-----------|------------|--------------|------------|-----------|----------------|
| Edmonton, Dunvegan and British Columbia.....    | 29,203 67     |           |            |              | 3 00       |           | 1,075,397 56   |
| Essex Terminal.....                             | 20,689 96     | 88 20     | 6,746 88   | 711 88       |            | 3,936 07  | 1,195,741 29   |
| Esquimalt and Nanaimo.....                      |               |           |            |              |            | 6 00      | 1,141,327 60   |
| Fredericton and Grand Lake Coal and Railway Co. |               |           |            |              |            |           | 67,024,632 00  |
| Grand Trunk.....                                | 2,128,618 15  | 57,915 41 | 209,807 31 | 593,337 62   | 45,610 36  |           | 8,588,921 15   |
| Grand Trunk Pacific.....                        | 227,448 72    |           | 1,365 02   | 26,516 81    |            |           | 2,291,923 71   |
| Grand Trunk Pacific Branch Lines.....           | 49,045 47     |           | 2,325 52   | 16,580 50    |            |           | 113,608 20     |
| Hereford.....                                   | 647 37        |           | 455 32     |              |            |           | 49,290 23      |
| Kent Northern.....                              | 2,631 84      |           |            |              |            |           | 762,870 24     |
| Kettle Valley.....                              | 25,526 20     | 20 00     | 12 18      | 6,018 08     | 2,071 37   | 8,014 26  | 51,839 86      |
| Lotbinière and Mégantic.....                    |               |           |            |              |            |           | 27,616 73      |
| Maine Central.....                              | 1,344 33      |           |            |              |            |           | 26,165 46      |
| Manitoba Coal, Railway and Power Co.            | 556 42        | 4 61      |            | 959 66       |            |           | 129,536 97     |
| Maritime Great Northern.....                    | 1,024 94      |           |            | 582 00       |            |           | 241,449 79     |
| Massawippi Valley.....                          | 909 96        |           |            | 1,989 05     |            |           | 353,547 79     |
| Midland of Manitoba.....                        | 22,191 97     | 176 20    | 7,003 86   | 9,919 22     | 184 15     | 650 27    | 1,626,271 63   |
| Montreal and Atlantic.....                      | 25,223 79     |           | 5,879 63   | 6,142 99     |            | 8,103 97  | 86,835 93      |
| Morrissey, Fernie and Michel.....               |               |           |            | 2,952 80     |            | 148 75    | 498,092 17     |
| Naperville Junction.....                        | 27,962 60     | 29 80     | 1,208 76   |              |            |           | 52,779 67      |
| Nelson and Fort Sheppard.....                   | 2,623 58      | 15 28     |            |              |            |           | 60,901 36      |
| New Brunswick Coal and Railway Co.              | 2,178 47      |           |            |              |            |           | 418 31         |
| New Westminster Southern.....                   | 2,118 64      | 0 04      |            |              |            |           | 392,904 81     |
| Ottawa and New York.....                        | 38,001 68     | 217 38    | 11,902 62  | 893 04       |            |           | 4,574,983 66   |
| Père Marquette.....                             | 33,892 11     | 24 30     | 2,962 01   | 38,280 70    |            |           | 474,509 77     |
| Pacific Great Eastern.....                      | 9,540 27      |           |            | 27 00        |            |           | 2,542,370 27   |
| Pacific Great Eastern.....                      | 46,922 16     |           |            |              |            |           | 573,770 29     |
| Quebec Central.....                             | 18,618 95     | 162 65    | 391 14     | 3,165 12     | 43 00      | 26 41     | 338,906 28     |
| Quebec, Montreal and Southern.....              | 6,630 51      |           |            |              |            |           | 159,027 79     |
| Quebec Oriental.....                            |               |           |            |              |            |           | 7,533 63       |
| Quebec, Railway, Light and Power Co.            | 1,064 58      | 1 15      |            | 3,373 60     |            |           | 310,203 00     |
| Red Mountain.....                               | 6,137 00      | 415 00    |            | 1,215 00     |            |           | 7,863 84       |
| Roberval Saguenay.....                          |               |           |            | 103,085 00   |            |           | 1,147,796 59   |
| Rutland and Noyan.....                          | 29,291 13     | 271 25    | 15,859 52  | 2,280 81     | 557 64     |           | 1,130,969 70   |
| St. Lawrence and Adirondack.....                | 3,350 75      |           |            | 24,069 98    |            |           | 307,592 54     |
| Sydney and Louisburg.....                       | 4,987 40      |           |            | 15,728 50    |            |           | 3,066,065 51   |
| Témiscouata.....                                | 83,457 28     |           | 389 80     | 17,831 77    | 2,553 52   |           | 31,779 13      |
| Témiscouata and Northern Ontario.....           | 5,803 62      |           |            | 16 25        |            |           | 2,450,434 02   |
| Thousand Islands.....                           | 28,310 00     | 211 36    |            | 94,159 24    |            |           | 535,720 52     |
| Toronto, Hamilton and Buffalo.....              | 27,762 53     | 167 02    |            | 43,504 97    | 1,104 68   |           | 573 91         |
| Vancouver, Victoria and Eastern.....            |               |           |            |              |            |           | 9,514 49       |
| Victoria Terminal Railway and Ferry Co.         |               |           |            |              |            |           | 4,982 673 27   |
| Victoria and Sidney, B.C.                       | 176,397 42    | 161 49    | 334 17     | 886 83       |            |           |                |
| Wabash (in Canada).....                         |               |           | 777 37     |              |            |           |                |
| Total.....                                      | 12,312,439 19 | 90,121 36 | 661,238 81 | 2,675,179 78 | 114,190 44 | 44,612 22 | 391,979,957 66 |

TABLE 6—Earnings and Income for the year ending December 31, 1919—Continued  
 TABLEAU 6—Gains et revenu pendant l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer          | Revenue from Transportation—Water Line—Revenu du transport—Par eau |                                  |   |                          |                        |                           | Total<br>Total |
|--|--|----------------------------------|---|--------------------------|------------------------|---------------------------|----------------|
|  | Freight<br>Revenu<br>Marchan-<br>dises                             | Passenger<br>Revenu<br>Voyageurs | Excess<br>Baggage<br>Excédent de<br>bagages | Mail<br>Revenu<br>Postes | Express<br>Messageries | Other<br>Revenu<br>Autres |                |
|  | \$ cts.  | \$ cts.                          | \$ cts. <sup>6</sup>                        | \$ cts.                  | \$ cts.                | \$ cts.                   | \$ cts.        |
| Algoma Central Hudson Bay.....                   | 524,408 44   |                                  |   |                          |                        |                           | 524,408 44     |
| Algonia and Eastern.....                         | 139,769 87   |                                  |   |                          |                        |                           | 139,769 87     |
| Alberta Great Waterways.....                     |  |                                  |   |                          |                        |                           |                |
| Atlantic Quebec and Eastern.....                 |  |                                  |   |                          |                        |                           |                |
| Brandon Sask. and Hudson Bay.....                |  |                                  |   |                          |                        |                           |                |
| British Yukon.....                               |  |                                  |   |                          |                        |                           |                |
| Canada and Gulf Terminal.....                    |  |                                  |   |                          |                        |                           |                |
| Canada Southern.....                             |  |                                  |   |                          |                        |                           |                |
| Canadian National Ry.—                           | 618,489 18   |                                  |   |                          |                        |                           | 618,489 18     |
| Intercolonial.....                               |  |                                  |   |                          |                        |                           |                |
| Prince Edward Island.....                        |  |                                  |   |                          |                        |                           |                |
| International of N. B.....                       |  |                                  |   |                          |                        |                           |                |
| St. John and Quebec.....                         |  |                                  |   |                          |                        |                           |                |
| Transcontinental.....                            |  |                                  |   |                          |                        |                           |                |
| Elgin and Havelock.....                          |  |                                  |   |                          |                        |                           |                |
| Moncton and Buctouche.....                       |  |                                  |   |                          |                        |                           |                |
| Salisbury and Albert.....                        |  |                                  |   |                          |                        |                           |                |
| St. Marins.....                                  |  |                                  |   |                          |                        |                           |                |
| York and Carleton.....                           |  |                                  |   |                          |                        |                           |                |
| Canadian Northern.....                           |  |                                  |   |                          |                        |                           |                |
| Canadian Pacific.....                            | 1,473,294 63   | 551,629 02                       | Dr. 1,301 26                                | 18,675 50                | 19,420 21              | Dr. 204 40                | 2,064,440 62   |
| Cape Breton.....                                 |  |                                  |   |                          |                        | 120 00                    |                |
| Caracnet and Gulf Shore.....                     |  |                                  |   |                          |                        |                           |                |
| Central Canada.....                              |  |                                  |   |                          |                        |                           |                |
| Central Vermont.....                             |  |                                  |   |                          |                        |                           |                |
| Crow's Nest Southern.....                        |  |                                  |   |                          |                        |                           |                |
| Cumberland.....                                  |  |                                  |   |                          |                        |                           |                |
| Dominion Atlantic.....                           |  |                                  |   |                          |                        |                           |                |
| Eastern British Columbia.....                    |  |                                  |   |                          |                        |                           |                |
| Edmonton, Dunvegan and British Columbia.....     |  |                                  |   |                          |                        |                           |                |
| Essex Terminal.....                              |  |                                  |   |                          |                        |                           |                |
| Esquimalt and Nanaimo.....                       |  |                                  |   |                          |                        |                           |                |
| Fredericton and Grand Lake Coal and Rly. Co..... |  |                                  |   |                          |                        |                           |                |
| Grand Trunk.....                                 |  |                                  |   |                          |                        |                           |                |
| Grand Trunk Pacific.....                         |  |                                  |   |                          |                        |                           |                |

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|  |              |            |          |           |           |        |              |  |  |
|--|--------------|------------|----------|-----------|-----------|--------|--------------|--|--|
| Grand Trunk Pacific Branch Lines.....    |              |            |          |           |           |        |              |  |  |
| Hereford.....                            |              |            |          |           |           |        |              |  |  |
| Kent Northern.....                       |              |            |          |           |           |        |              |  |  |
| Kettle Valley.....                       |              |            |          |           |           |        |              |  |  |
| Lothbinière and Mégantic.....            |              |            |          |           |           |        |              |  |  |
| Maine Central.....                       |              |            |          |           |           |        |              |  |  |
| Manitoba Great Northern.....             |              |            |          |           |           |        |              |  |  |
| Maritime Coal Rly. and Power Co.....     |              |            |          |           |           |        |              |  |  |
| Massawippi Valley.....                   |              |            |          |           |           |        |              |  |  |
| Midland of Manitoba.....                 |              |            |          |           |           |        |              |  |  |
| Montreal and Atlantic.....               |              |            |          |           |           |        |              |  |  |
| Morrissey, Fermie and Michel.....        |              |            |          |           |           |        |              |  |  |
| Napierville Junction.....                |              |            |          |           |           |        |              |  |  |
| Nelson and Fort Sheppard.....            |              |            |          |           |           |        |              |  |  |
| New Brunswick Coal and Rly. Co.....      |              |            |          |           |           |        |              |  |  |
| New Westminster and Southern.....        |              |            |          |           |           |        |              |  |  |
| Ottawa and New York.....                 |              |            |          |           |           |        |              |  |  |
| Père Marquette.....                      |              |            |          |           |           |        |              |  |  |
| Pacific Great Eastern.....               |              |            |          |           |           |        |              |  |  |
| Quebec Central.....                      |              |            |          |           |           |        |              |  |  |
| Quebec, Montreal and Southern.....       |              |            |          |           |           |        |              |  |  |
| Quebec Oriental.....                     |              |            |          |           |           |        |              |  |  |
| Quebec Rly. Light and Power Co.....      |              |            |          |           |           |        |              |  |  |
| Red Mountain.....                        |              |            |          |           |           |        |              |  |  |
| Roberval-Saguenay.....                   |              |            |          |           |           |        |              |  |  |
| Rutland and Noyan.....                   |              |            |          |           |           |        |              |  |  |
| St. Lawrence and Adirondack.....         |              |            |          |           |           |        |              |  |  |
| Sydney and Louisburg.....                |              |            |          |           |           |        |              |  |  |
| Temiscouata.....                         |              |            |          |           |           |        |              |  |  |
| Thousand Islands.....                    |              |            |          |           |           |        |              |  |  |
| Toronto, Hamilton and Buffalo.....       |              |            |          |           |           |        |              |  |  |
| Vancouver, Victoria and Eastern.....     |              |            |          |           |           |        |              |  |  |
| Victoria Terminal Rly. and Ferry Co..... |              |            |          |           |           |        |              |  |  |
| Victoria and Sidney, B.C.....            |              |            |          |           |           |        |              |  |  |
| Wabash (in Canada).....                  |              |            |          |           |           |        |              |  |  |
| Total.....                               | 2,755,962 12 | 551,629 02 | 1,096 86 | 18,675 50 | 19,420 21 | 120 00 | 3,346,903 71 |  |  |

TABLE 6—Earnings and Income for the year ending December 31, 1919—Continued  
 TABLEAU 6—Gains et revenu pendant l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer      | Incidental—Receettes accessoires                     |  |   |   | Storage<br>Freight<br>Emmagasnage<br>de<br>marchandises |
|--|--|--|---|---|---|
|  | Dining<br>and<br>Buffet<br>Réfectoires<br>et buffets | Hotel<br>and<br>Restaurant<br>Hôtel<br>et restaurant | Station,<br>Train, and Boat<br>Privileges<br>Privilegés de<br>gares, trains<br>et bateaux | Parcel<br>Room<br>Closé<br>des<br>colis |   |
|  | \$ cts.  | \$ cts.  | \$ cts.   | \$ cts.                                 | \$ cts.   |
| Algoma Central and Hudson Bay                |  |  |   |   | 18,102 41   |
| Algoma Eastern                               |  |  |   |   | 6,404 68  |
| Alberta Great Waterways                      |  |  | 390 00  |   | 59 02   |
| Atlantic Quebec and Eastern                  |  |  |   |   |   |
| Brandon Sask. and Hudson Bay                 |  |  |   |   |   |
| British Yukon                                |  |  |   |   | 107 04  |
| Canada and Gulf Terminal                     |  |  |   |   | 66,80   |
| Canada Southern                              | 246,331 11   | 35,125 55  | 4,452 47  | 9,539 71                                | 5 67  |
| Canadian National Ry's—                      |  |  |   |   | 6,665 10  |
| Intercolonial                                |  |  |   |   |   |
| Prince Edward Island                         | 704,400 59   | 80,127 15  | 18,343 23   |   | 16,288 11   |
| International of N. B.                       |  |  | 707 00  |   | 890 10  |
| St. John and Quebec                          |  |  | 276 86  |   | 48 29   |
| Transcontinental                             |  |  | 65 00   |   | 35 89   |
| Elgin and Havelock                           | 66,231 15  | Dr. 11 25  | 6,767 06  |   | 16,455 24   |
| Moncton and Pictouche                        |  |  |   |   |   |
| Salisbury and Albert                         |  |  |   |   |   |
| St. Martins                                  |  |  |   |   |   |
| York and Carleton                            |  |  |   |   | 34 06   |
| Canadian Northern                            |  |  |   |   | 28 02   |
| Canadian Pacific                             | 616,168 89   | 204,236 09   | 39,195 47   | 13,945 90                               | 59,475 59   |
| Cape Breton                                  | 3,316,172 56   | 563,902 89   | 14,811 55   | 123,531 75                              | 347,471 44  |
| Caracquet and Gulf Shore                     |  |  |   |   |   |
| Central Canada                               |  |  |   |   |   |
| Central Vermont                              |  |  |   |   |   |
| Crow's Nest Southern                         |  |  | 0 25  |   |   |
| Cumberland                                   |  |  |   |   |   |
| Dominion Atlantic                            | 2,418 55   |  | 999 99  |   | 1,080 28  |
| Eastern British Columbia                     |  |  |   |   |   |
| Edmonton, Dunvegan and British Columbia      | 26,926 95  |  | 2,384 98  |   | 906 53  |
| Essex Terminal                               |  |  |   |   |   |
| Esquimalt and Nanaimo                        |  |  | 180 00  | 49 10                                   | 1,201 13  |
| Fredericton and Grand Lake Coal and Rly. Co. |  |  |   |   |   |
| Grand Trunk                                  | 388,499 13   |  | 42,505 72   | 36,110 45                               | 52,130 15   |

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|  |              |            |            |            |
|--|--------------|------------|------------|------------|
| Grand Trunk Pacific.....                 | 142,928 36   | 485 34     | 1,186 15   | 9,452 70   |
| Grand Trunk Pacific Branch Lines.....    | 11,421 14    | 7 75       | 301 65     | 1,273 17   |
| Hereford.....                            |              |            | 13 80      | 7 79       |
| Kent Northern.....                       |              |            |            | 22 50      |
| Kettle Valley.....                       | 14,027 41    |            |            | 155 08     |
| Lotbinière and Mégantic.....             |              |            |            |            |
| Maine Central.....                       |              |            | 4 80       | 45 36      |
| Manitoba Great Northern.....             |              |            |            |            |
| Maritime Coal Rly. and Power Co.....     |              |            |            | 302 51     |
| Mississippi Valley.....                  |              |            |            | 1,167 79   |
| Midland of Manitoba.....                 | 12,753 08    |            |            | 12,100 97  |
| Montreal and Atlantic.....               |              |            |            |            |
| Morrissey, Fernie and Michel.....        |              |            |            | 21 47      |
| Napierville Junction.....                |              |            | 2 30       | 3 91       |
| Nelson and Fort Sheppard.....            |              |            |            |            |
| New Brunswick Coal and Rly. Co.....      |              |            | 0 22       | 0 14       |
| New Westminster Southern.....            |              | 34 32      |            | 710 31     |
| Ottawa and New York.....                 |              | 132 89     | 1 40       | 761 14     |
| Père Marquette.....                      |              |            |            |            |
| Pacific Great Eastern.....               | 15,509 32    | 6,941 22   |            | 1,002 97   |
| Quebec Central.....                      |              | 120 00     |            | 632 74     |
| Quebec, Montreal and Southern.....       |              |            |            |            |
| Quebec Oriental.....                     |              |            | 14 16      | 29 64      |
| Quebec Rly. Light and Power Co.....      |              | 78 87      | 1 30       |            |
| Red Mountain.....                        |              |            |            | 48 00      |
| Roberval-Saguenay.....                   |              |            |            |            |
| Rutland and Noyan.....                   |              | 370 46     | 0 90       | 15 27      |
| St. Lawrence and Adirondack.....         |              |            |            | 62 56      |
| Sydney and Louisburg.....                |              | 500 00     |            | 142 45     |
| Témiscouata.....                         | 6,814 79     | 10,115 22  |            | 1,982 74   |
| Temiskaming and Northern Ontario.....    |              | 10 38      |            | 39 83      |
| Thousand Islands.....                    | 29,853 96    | 341 10     |            | 835 88     |
| Toronto, Hamilton and Buffalo.....       | 8,397 59     | 102 82     | 68 89      | 10,213 47  |
| Vancouver, Victoria and Eastern.....     |              |            |            | 30 51      |
| Victoria Terminal Rly. and Ferry Co..... |              |            |            |            |
| Victoria and Sidney, B. C.....           |              |            | 1 50       | 438 37     |
| Wabash (in Canada).....                  |              |            |            |            |
| Total.....                               | 5,626,781 20 | 150,319 95 | 184,821 88 | 569,239 09 |



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|  |            |              |            |              |           |        |
|--|------------|--------------|------------|--------------|-----------|--------|
| Grand Trunk.....                         | 24,831 21  | 412,818 50   | 3,532 58   | 251,194 35   | 7,559 89  | 691 38 |
| Grand Trunk Pacific.....                 | 4,395 00   | 39,345 38    |            |              | 50 55     |        |
| Grand Trunk Pacific Branch Lines.....    | 815 80     | 8,723 54     |            |              |           |        |
| Heretofore.....                          | 0 65       | 447 00       |            |              |           |        |
| Kent Northern.....                       | 134 80     | 625 00       | 173 01     |              |           |        |
| Kettle Valley.....                       |            |              | 758 26     |              |           |        |
| Lotbinière and Mégantic.....             |            |              |            |              |           |        |
| Maine Central.....                       | 0 45       | 582 20       | 141 85     |              |           |        |
| Manitoba Great Northern.....             |            |              |            |              |           |        |
| Maritime Coal Rly. and Power Co.....     | 114 39     | 1,432 00     | 587 04     |              |           |        |
| Massawippi Valley.....                   | 3 05       | 5,139 68     |            |              |           |        |
| Midland of Manitoba.....                 | 18 35      | 21,290 00    |            |              |           |        |
| Montreal and Atlantic.....               |            |              |            |              |           |        |
| Morrissey, Fernie and Michel.....        | 5 00       | 698 00       | 40 70      |              |           |        |
| Naperville Junction.....                 | 38 68      | 1,868 00     | 189 41     |              |           |        |
| Nelson and Fort Sheppard.....            |            |              |            |              |           |        |
| New Brunswick Coal and Rly. Co.....      |            |              |            |              |           |        |
| New Westminster Southern.....            |            |              | 19 97      |              |           |        |
| Ottawa and New York.....                 | 10 15      | 946 00       | 14 10      |              |           |        |
| Père Marquette.....                      |            | 22,359 00    |            |              |           |        |
| Pacific Great Eastern.....               |            | 1,488 20     |            |              |           |        |
| Quebec Central.....                      | 321 46     | 6,522 00     |            |              |           |        |
| Quebec, Montreal and Southern.....       | 24 00      | 2,794 00     | 527 42     |              |           |        |
| Quebec Oriental.....                     |            |              |            |              |           |        |
| Quebec Rly. Light and Power Co.....      | 3 10       | 46 60        | 168 66     |              |           |        |
| Red Mountain.....                        |            | 45 00        |            |              |           |        |
| Roberval-Saguenay.....                   |            | 17,215 00    |            |              |           |        |
| Rutland and Noxan.....                   | 5 10       | 16,310 73    | 9 93       |              |           |        |
| St. Lawrence and Adirondack.....         | 0 25       | 3,445 60     | 94 31      |              |           |        |
| Sydney and Louisburg.....                |            | 3,748 60     |            |              |           |        |
| Témiscouata.....                         |            | 9,581 33     | 78,768 64  |              |           |        |
| Temiskaming and Northern Ont.....        | 818 90     | 159 00       | 639 93     |              |           |        |
| Thousand Islands.....                    |            |              |            |              |           |        |
| Toronto, Hamilton and Buffalo.....       | 28 20      | 18,233 00    |            |              |           |        |
| Vancouver, Victoria and Eastern.....     | 1,556 18   | 9,632 46     | 2,466 35   |              |           |        |
| Victoria Terminal Rly. and Ferry Co..... |            | 9 06         |            |              |           |        |
| Victoria and Sidney, B.C.....            | 141 94     |              |            |              |           |        |
| Wabash (in Canada).....                  | 40 76      | 7,094 08     |            |              |           |        |
| Total.....                               | 133,964 59 | 1,504,199 56 | 120,401 39 | 1,101,482 29 | 14,877 89 | 696 38 |





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|  |               |            |                |
|--|---------------|------------|----------------|
| Fredericton and Grand Lake Coal and Rly. Co. | 319 41        | 9,723 49   | 141,647 01     |
| Grand Trunk                                  | 1,586,794 39  | 61,660 43  | 68,559,489 45  |
| Grand Trunk Pacific                          | 347,205 07    |            | 8,961,004 28   |
| Grand Trunk Pacific Branch Lines             | 38,584 89     |            | 2,330,508 60   |
| Herford                                      | 939 80        |            | 114,548 09     |
| Kent Northern                                | 195 51        |            | 49,485 74      |
| Kettle Valley                                | 23,407 56     |            | 787,460 41     |
| Lothbère and Mégantic                        | 30 00         |            | 51,869 86      |
| Maine Central                                |               |            | 27,616 73      |
| Manitoba Great Northern                      |               | 0 88       | 26,944 00      |
| Maritime Coal Rly. and Power Co.             | 777 66        |            | 129,648 97     |
| Massawippi Valley                            | 112 00        |            | 243,997 60     |
| Midland of Manitoba                          | 111 87        |            | 377,580 51     |
| Montreal and Atlantic                        | 4,108 12      |            | 1,074,321 64   |
| Morrissey, Fernie and Michel                 | 11,729 90     |            | 86,835 95      |
| Napierville Junction                         |               |            | 498,837 34     |
| Nelson and Fort Sheppard                     | 765 17        |            | 54,883 81      |
| New Brunswick Coal and Rly. Co.              | 2,104 14      |            | 70,476 27      |
| New Westminster Southern                     | 9,574 91      |            | 438 64         |
| Ottawa and New York                          | 20 33         |            | 394,722 04     |
| Père Marquette                               | 212 50        |            | 4,008,533 74   |
| Pacific Great Eastern                        | 2,359 38      |            | 481,248 29     |
| Pacific Central                              | 5,144 07      |            | 2,987,762 37   |
| Quebec, Montreal and Southern                | 2,247 00      |            | 577,890 70     |
| Quebec Oriental                              | 12 25         |            | 338,906 28     |
| Quebec Rly. Light and Power Co.              | 52 29         |            | 159,249 35     |
| Red Mountain                                 | 0 90          |            | 7,752 59       |
| Roberval-Saguenay                            | 7,539 00      |            | 335,005 00     |
| Rutland and Noyan                            |               |            | 7,863 84       |
| St. Lawrence and Adirondacks                 |               |            | 1,104,762 28   |
| Sydney and Louisburg                         | 18 00         |            | 1,156,329 63   |
| Témiscouata                                  | 235 30        |            | 374,229 59     |
| Temiskaming and Northern Ont.                | 21,757 21     |            | 3,191,148 45   |
| Thousand Islands                             | 2,190 00      |            | 56,566 04      |
| Toronto, Hamilton and Buffalo                | 7,598 55      |            | 2,500,916 78   |
| Vancouver, Victoria and Eastern              | 1,224 52      |            | 646,643 23     |
| Victoria Terminal Rly. and Ferry Co.         | 237 00        |            | 613 48         |
| Victoria and Sidney, B. C.                   | 1,340 69      | 6 46       | 19,656 43      |
| Wabash. (in Canada)                          | 110,916 45    |            | 5,082,323 23   |
|  | 39 57         |            |                |
|  | 141 94        |            |                |
|  | 26,451 63     |            |                |
| Total  | 13,167,993 17 | 189,370 86 | 408,598,360 80 |
|  | 1,267,252 14  |            | 85,866 60      |
|  | 1,520,578 38  |            |                |

<sup>1</sup>From January to April only—De janvier à avril seulement.

TABLE 7—Summary of Operating Expenses for the Year ending December 31, 1919  
 TABLEAU 7—Sommaire des frais d'exploitation pendant l'année terminée le 31 décembre 1919

| Name of Railway<br>Nom du chemin de fer     | Maintenance of Way and Structures—Entretien des voies et ouvrages |  |  |   |  |  |                   |                | Ties<br>Traverses | Rails<br>Rails |
|---|---|--|--|---|--|--|-------------------|----------------|-------------------|----------------|
|   | Superintend-<br>ence<br>Gestion                                   | Roadway<br>maintenance<br>Entretien<br>des voies | Underground<br>Power Tubes<br>Conduits<br>souterrains<br>pour force<br>motrice | Tunnels and<br>Subways<br>Tunnels et<br>passages<br>souterrains | Bridges,<br>Trestles and<br>Culverts<br>Ponts,<br>croisillons et<br>ponceaux | Elevated<br>Structures<br>Constructions<br>élevées | Ties<br>Traverses | Rails<br>Rails |                   |                |
|   | \$ cts.   | \$ cts.  | \$ cts.  | \$ cts.   | \$ cts.  | \$ cts.  | \$ cts.           | \$ cts.        | \$ cts.           |                |
| Algoma Central and Hudson Bay.....          | 18,708 64   | 61,907 17  | 3,388 03   | 37,121 33   | 24,554 33  | 25,153 25  |                   |                |                   |                |
| Altona Eastern.....                         | 6,177 94  | 2,158 45   |  | 99 65   | 10,767 34  | 2,007 30   |                   |                |                   |                |
| Alberta and Great Waterways.....            | 1,405 85  | 41,823 75  |  | 1,128 95  | 2,902 65   | 1,702 32   |                   |                |                   |                |
| Atlantic, Quebec and Western.....           | 2,222 841   | 11,416 20  |  |   | 3,881 03   | 3,429 56   |                   |                |                   |                |
| Brandon, Sask. and Hudson Bay.....          | 8,708 87  | 12,902 75  |  |   | 3,187 37   | 17,996 65  |                   | 7 50           |                   |                |
| British Yukon.....                          | 31 01   | 309,970 77                                       |  | 21,775 66   | 11 50  | 444 80   |                   | 198 41         |                   |                |
| Canada and Gulf Terminal.....               | 470 04  |  |  |   | 31,995 24  | 11 50  |                   | 11 50          |                   |                |
| Canada Southern.....                        | 131,484 36  |  |  |   |  | 134,409 63   |                   | 111,817 87     |                   |                |
| Canadian National Rlys—                     |   |  |  |   |  |  |                   |                |                   |                |
| Intercolonial.....                          | 272,470 26  | 461,775 19                                       |  | 1,981 31  | 250,739 78   | 775,560 89   |                   | 677,826 96     |                   |                |
| Prince Edward Island.....                   | 28,657 81   | 53,283 02  |  |   | 4,049 47   | 78,085 77  |                   | 92,126 90      |                   |                |
| International of New Brunswick.....         | 8,269 06  | 46,799 26  |  |   | 3,001 98   | 17,061 16  | Cr.               | 2,537 83       |                   |                |
| St. John and Quebec.....                    | 6,980 37  | 27,647 63  |  |   | 1,045 03   | 372 02   |                   | 3,030 21       |                   |                |
| Transcontinental.....                       | 187 071 77  | 584,316 07                                       |  | 7 70  | 307,838 14   | 727,924 07   |                   | 70,448 12      |                   |                |
| Plain and Havelock.....                     | 1,606 55  | 3,518 73   |  |   | 2,404 03   | 5,182 95   | Cr.               | 3,130 30       |                   |                |
| Moncton and Buctouche.....                  | 1,588 78  | 620 23   |  |   | 2,742 16   | 9,805 35   |                   | 2,779 78       |                   |                |
| Salisbury and Albert.....                   | 1,704 86  | 5,485 56   |  |   | Cr.  | 7,234 53   | Cr.               | 3,065 34       |                   |                |
| St. Martins.....                            | 2,389 78  | 2,875 90   |  |   | Cr.  | 1,913 60   |                   | 699 54         |                   |                |
| York and Carleton.....                      | 163 94  | 1,544 77   |  |   | Cr.  | 1,926 40   | Cr.               | 207 59         |                   |                |
| Canadian Northern.....                      | 626,428 56  | 1,808,126 08                                     |  | 5,113 17  | 668,800 50   | 3,424,312 57                                       |                   | 131,469 83     |                   |                |
| Canadian Pacific.....                       | 887,234 44  | 2,833,648,98                                     |  | 81,196 44   | 1,118,143 73   | 3,406,863 15                                       |                   | 3,876,409 37   |                   |                |
| Cape Breton.....                            |   | 7,981 73   |  |   | 105 00   | 2,472 32   |                   |                |                   |                |
| Caraquet and Gulf Shore.....                | 2,000 00  | 25,425 75  |  |   | 2,668 32   | 11,799 67  |                   |                |                   |                |
| Central Canada.....                         | 1,017 89  | 3,968 82   |  |   | 1,163 14   | 65 00  |                   |                |                   |                |
| Central Vermont.....                        | 4,691 26  | 15,360 23  |  |   | 12,037 80  | 40,966 43  |                   | 11,042 45      |                   |                |
| Crow's Nest Southern.....                   | 10,663 88   | 32,831 40  |  |   | 16,840 79  | 179 39   |                   | 179 39         |                   |                |
| Cumberland.....                             | 1,344 85  | 19,980 73  |  |   | 845 21   | 6,922 18   |                   | 591 00         |                   |                |
| Dominion Atlantic.....                      | 14,537 00   | 55,157 90  |  |   | 15,562 00  | 85,124 57  |                   | 24,000 00      |                   |                |
| Eastern British Columbia.....               | 5 00  | 8,189 77   |  |   | 1,089 58   | 1,404 51   |                   |                |                   |                |
| Edmonton, Duvegan and British Columbia..... | 8,494 94  | 26,210 21  |  |   | 7,026 20   | 37,927 64  |                   | 1,439 69       |                   |                |
| Essex Terminal.....                         | 1,943 14  | 11,019 99  |  |   |  | 4,096 26   |                   | 6,530 19       |                   |                |
| Esquimalt and Nanaimo.....                  | 12,026 99   | 60,352 13  |  |   | 16,354 78  | 24,768 77  |                   | 10,075 72      |                   |                |

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|---|--------------|--------------|--------------|---------------|--------------|
| Fredericton and Grand Lake Coal and Rly.... | 1,036 00     | 3,544 00     | 24 77        | 33,486 35     | 6,188 10     |
| Grand Trunk.....                            | 329,156 54   | 696,421 17   | 350,934 65   | 1,610,146 29  | 812,316 08   |
| Grand Trunk Pacific.....                    | 171,029 10   | 524,115 51   | 219,044 99   | 628,001 96    | 1,272 76     |
| Grand Trunk Pacific Branch Lines.....       | 93,140 23    | 123,956 80   | 28,184 29    | 258,483 17    | 912 82       |
| Hereford.....                               | 1,933 07     | 10,089 62    | 3,438 91     | 12,182 41     | 5,580 37     |
| Kent Northern.....                          | 1,000 00     | 6,663 32     | .....        | .....         | .....        |
| Kettle Valley.....                          | 15,707 73    | 219,692 44   | 36,630 76    | 28,019 73     | 2,155 96     |
| L'Angele and Mégantic.....                  | 10,717 10    | .....        | 326 76       | 5,291 04      | .....        |
| Maine Central.....                          | 19 20        | .....        | .....        | .....         | .....        |
| Manitoba Great Northern.....                | 8,687 54     | 15,416 18    | 6,195 99     | 1,345 88      | 466 97       |
| Maritime Coal Rly. and Power Co.....        | .....        | 200 00       | .....        | 15,022 46     | 2 05         |
| Massachusetts Valley.....                   | 3,981 66     | 10,060 31    | 1,633 99     | 5,582 23      | .....        |
| Midland of Manitoba.....                    | 5,190 28     | 988 62       | 1,925 57     | 6,150 43      | 2,600 02     |
| Montreal and Atlantic.....                  | 9,878 25     | 33,423 35    | 22,596 12    | 5,572 48      | 51 90        |
| Morrissey, Fermie and Michel.....           | .....        | .....        | 32,107 49    | 59,707 57     | 58,616 56    |
| Napierville Junction.....                   | 2,607 23     | 4,990 97     | 98 77        | 5,494 00      | 1,202 04     |
| Nelson and Fort Sheppard.....               | 6,729 78     | 17,926 45    | 12,285 16    | 6,699 35      | 41,719 16    |
| New Brunswick Coal and Rly. Co.....         | 1,305 41     | 4,793 94     | 22,823 81    | 13,669 74     | 9 76         |
| New Westminster Southern.....               | 1,712 67     | 35 00        | .....        | 13,176 40     | .....        |
| Ottawa and New York.....                    | 5,366 61     | 16,839 38    | 11,196 93    | 100 70        | 5 84         |
| Pacific Great Eastern Rly. Co.....          | 24,257 34    | 46,244 29    | 10,294 82    | 17,501 88     | 176 76       |
| Pacific Central.....                        | 14,697 22    | 102,115 25   | 43,361 48    | 55,026 61     | 1,992 99     |
| Quebec Central.....                         | 15,843 15    | 192,929 62   | 8,465 53     | 6,246 18      | 41 77        |
| Quebec Oriental.....                        | 13,976 51    | 25,383 94    | 25,972 45    | 44,638 75     | 40,000 00    |
| Quebec Rly., Light and Power Co.....        | 1,374 12     | 30,329 67    | 11,121 27    | 26,051 60     | 188 30       |
| Red Mountain.....                           | 1,267 33     | 2,224 07     | 1,457 72     | 18,377 50     | 72 40        |
| Roberval-Saguenay.....                      | 2,857 00     | 18,982 00    | 4,261 08     | 5,992 17      | .....        |
| Rutland and Noyan.....                      | 421 22       | 828 90       | 1,950 00     | 2,139 76      | 21 12        |
| St. Lawrence and Adirondack.....            | 4,823 31     | 14,780 83    | 276 21       | 4,666 00      | 284 00       |
| Sydney and Louisburg.....                   | 5,170 37     | 93,116 05    | 14,668 99    | 1,111 66      | 136 92       |
| Témiscouata.....                            | 3,269 15     | 51,866 45    | 2,501 64     | 35,900 76     | 18,079 23    |
| Témiskaming and Northern Ontario.....       | 38,883 02    | 97,550 39    | 8,191 13     | 41,120 37     | 22,404 03    |
| Thousand Islands.....                       | 778 12       | 2,615 36     | 32,709 04    | 13,998 87     | 2,153 32     |
| Toronto, Hamilton and Buffalo.....          | 42,718 70    | 62,945 20    | 182 62       | 85,285 94     | 69,917 10    |
| Vancouver, Victoria and Eastern.....        | 50,334 70    | 89,312 53    | 29,062 14    | 1,330 78      | 380 00       |
| Victoria Terminal Rly. and Ferry Co.....    | 10 01        | 48 37        | 125,283 24   | 58,147 35     | 11,178 32    |
| Victoria and Sidney Rly. Co.....            | 150 40       | 1,547 72     | 1 15         | 57,429 21     | 9,222 05     |
| Wabash (in Canada).....                     | .....        | .....        | .....        | .....         | 0 67         |
| Total.....                                  | 3,140,302 48 | 9,111,060 82 | 3,571,744 70 | 12,069,461 03 | 6,125,793 09 |

TABLE 7—Summary of Operating Expenses for the Year ending December 31, 1919—Continued  
 TABLEAU 7—Sommaire des frais d'exploitation pendant l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer      | Maintenance of Way and Structures—Continued—Entretien des voies et ouvrages—suite |                    |  |   |  |   |   |  |  |  |
|--|---|--------------------|--|---|--|---|---|--|--|--|
|  | Other Track Material<br>Autre matériel des voies ferrées                          | Ballast<br>Ballast | Tracklaying and Surfacing<br>Posage des voies et nivellement | Right of Way Fences<br>Clôtures des voies | Snow and Sand Fences and Snow Shields<br>Abris contre les neiges et les sables | Crossings and Signs<br>Passages à niveau et indicateurs | Station and office Buildings<br>Édifices de gares et de bureaux | Roadway Buildings<br>Bâtimens le long de la voie |  |  |
|  | \$ cts.   | \$ cts.            | \$ cts.  | \$ cts.                                   | \$ cts.  | \$ cts.   | \$ cts.   | \$ cts.  |  |  |
| Algoma Central and Hudson Bay.....           | 9,690 38  | 9,137 40           | 143,977 73   | 733 92                                    | .....  | 1,115 05  | 4,480 74  | 5,060 14   |  |  |
| Algonia Eastern.....                         | 6,217 94  | .....              | 36,967 15  | 53,50                                     | 71 82  | 1,022 70  | 1,103 88  | 1,803 46   |  |  |
| Alberta and Great Waterways.....             | 491 01  | .....              | 11,287 56  | 127 53                                    | 202 79   | 87 20   | 216 48  | 15 34  |  |  |
| Atlantic, Quebec and Western.....            | 1,508 79  | .....              | .....  | 1,313 50                                  | 1,295 05   | 652 30  | 310 15  | 443 20   |  |  |
| Brandon, Sask. and Hudson Bay.....           | 114 74  | 3 84               | 21,780 44  | 1,997 93                                  | 1,497 74   | 646 06  | 561 32  | 21 25  |  |  |
| British Yukon.....                           | 113 39  | .....              | 11,479 95  | .....                                     | 366 31   | 5 90  | .....   | 1,757 02   |  |  |
| Canada and Gulf Terminal.....                | .....   | 81,408 76          | 685,246 11   | 41,426 17                                 | 215 97   | 684 13  | 21,822 45   | 2,158 76   |  |  |
| Canada Southern.....                         | 205,217 56  | .....              | .....  | .....                                     | .....  | 28,878 30   | .....   | 3,598 44   |  |  |
| Canadian National Ry.s.—                     | .....   | .....              | .....  | .....                                     | .....  | .....   | .....   | .....  |  |  |
| Intercolonial.....                           | 533,004 42  | 227,288 28         | 2,030,320 76   | 108,494 77                                | 4,523 23   | 55,680 32   | 394,447 18  | 6,742 49   |  |  |
| Prince Edward Island.....                    | 45,802 56   | Cr.                | 149,907 70   | 9,052 25                                  | 1,748 69   | 2,177 90  | 18,472 32   | 593 15   |  |  |
| International of New Brunswick.....          | 6,471 06  | 8,182 14           | 74,631 59  | 1,928 85                                  | 33 18  | 226 05  | 4,052 22  | 109 38   |  |  |
| St. John and Quebec.....                     | .....   | .....              | 44,669 96  | .....                                     | .....  | 3,927 00  | .....   | 232 82   |  |  |
| Transcontinental.....                        | 386 02  | 117,426 74         | 1,701,691 85   | 14,957 54                                 | 2,639 21   | 5,098 71  | 92,379 12   | 11,249 15  |  |  |
| Elgin and Havelock.....                      | 3,399 03  | 116 82             | 9,133 06   | 25 20                                     | .....  | 70 16   | 7 68  | 9 87   |  |  |
| Moncton and Buctouche.....                   | 2,143 34  | 4,580 42           | 19,285 86  | 168 60                                    | 75 66  | 190 44  | 728 99  | 9 87   |  |  |
| Salisbury and Albert.....                    | 7,303 92  | 373 92             | 26,912 76  | 341 25                                    | 163 83   | 732 60  | 867 98  | 47 07  |  |  |
| St. Martins.....                             | 2,542 16  | 1,414 02           | 8,008 22   | 320 20                                    | .....  | 82 20   | 938 38  | 315 37   |  |  |
| York and Carleton.....                       | 173 58  | 160 40             | 2,057 34   | 13 35                                     | .....  | 5 20  | 320 53  | .....  |  |  |
| Canadian Northern.....                       | 487,623 54  | 3,123 12           | 5,884,050 50   | 100,746 18                                | 24,849 13  | 95,244 20   | 370,512 95  | 70,572 69  |  |  |
| Campan Pacific.....                          | 1,406,556 88  | 652,507 00         | 7,905,022 45   | 309,774 35                                | 90,883 01  | 149,227 81  | 1,304,709 20  | 121,986 70                                       |  |  |
| Cape Breton.....                             | .....   | .....              | .....  | 102 49                                    | .....  | .....   | 69 28   | .....  |  |  |
| Caracquet and Gulf Shore.....                | 3,367 64  | .....              | 6,426 37   | .....                                     | 64 20  | .....   | .....   | 3,316 93   |  |  |
| Central Canada.....                          | 94 61   | .....              | .....  | 42 08                                     | .....  | 20 46   | 114 89  | 0 55   |  |  |
| Central Vermont.....                         | 7,665 28  | 3,715 27           | 92,514 95  | 6,478 92                                  | 1,534 12   | 729 17  | 8,453 06  | 362 93   |  |  |
| Crow's Nest Southern.....                    | 573 39  | 4 25               | 32,173 81  | 539 50                                    | .....  | 188 36  | 1,083 01  | 627 11   |  |  |
| Cumberland.....                              | 1,194 22  | .....              | .....  | .....                                     | 31 40  | 649 35  | .....   | 1,024 20   |  |  |
| Dominion Atlantic.....                       | 22,794 54   | 12,329 04          | 138,717 10   | 7,072 27                                  | 36,88  | 8,308 09  | 17,915 56   | 538 63   |  |  |
| Eastern British Columbia.....                | 13 84   | .....              | .....  | .....                                     | .....  | 7 85  | 15 15   | 3 05   |  |  |
| Edmonton, Dunvegan and British Columbia..... | 2,391 02  | 99 12              | 80,375 31  | 196 38                                    | 63 68  | 288 50  | 2,197 92  | 392 32   |  |  |
| Essex Terminal.....                          | 3,713 96  | 805 43             | .....  | .....                                     | .....  | 35 32   | .....   | 1,399 38   |  |  |

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|---|--------------|--------------|---------------|------------|------------|--------------|------------|
| Fresquimatt and Nainaino.....               | 375 90       | 13 48        | 58,045 72     | 1,439 09   | 638 26     | 6,606 24     | 1,753 94   |
| Fredericton and Grand Lake Coal Rly. Co.... | 2,198 92     | 88 96        | 21,384 46     | 81 13      | 18 30      | 247 46       | 25 29      |
| Grand Trunk.....                            | 982,037 61   | 250,694 80   | 2,958,019 47  | 176,253 73 | 222,112 88 | 543,275 33   | 65,526 55  |
| Grand Trunk Pacific.....                    | 49,947 76    | 84,995 66    | 1,523,810 63  | 5,448 86   | 1,548 80   | 54,632 27    | 8,789 08   |
| Grand Trunk Pacific Branch Lines.....       | 26,686 87    | 50,428 04    | 583,743 28    | 4,261 76   | 4,939 83   | 17,457 99    | 2,757 93   |
| Hereford.....                               | 2,080 54     | 168 87       | 26,312 31     | 692 21     | 416 61     | 1,021 41     | 1,126 13   |
| Kent Northern.....                          | 2,345 85     | 11,854 90    | 171,099 80    | 2,252 25   | 684 52     | 411 50       | 831 13     |
| Kettle Valley.....                          | 175 13       | 21 30        | 3,484 15      | 74 43      | 28 05      | 28 05        |            |
| Loebiniere and M'égantic.....               | 58 13        |              | 24,020 46     | 462 31     | 500 66     | 1,536 92     | 472 03     |
| Maine Central.....                          | 311 12       |              | 17,470 56     | 150 00     | 11 00      | 2,657 15     | 465 73     |
| Manitoba Great Northern.....                | 1,903 11     |              | 25,817 94     | 2,732 74   | 1,273 07   | 2,657 15     | 124 81     |
| Maritime Coal Rly. and Power Co.....        | 3,064 90     |              | 3,496 42      |            | 35 40      | 271 02       | 116 45     |
| Massawippi Valley.....                      | 1,141 27     | 676 45       | 3,496 42      |            |            |              |            |
| Midland of Manitoba.....                    | 24,650 50    | 3,909 76     | 121,882 83    | 7,846 42   | 2,971 54   | 16,632 31    | 459 48     |
| Montreal and Atlantic.....                  | 3,722 77     | 3,695 87     | 10,475 69     | 104 72     | 449 45     | 292 32       | 13 20      |
| Morrissey, Ferme and Michel.....            | 6,030 43     | 29 96        | 24,616 89     | 61 20      | 23 07      | 199 73       | 10 60      |
| Naperville Junction.....                    | 404 49       |              | 17,430 00     | 40 01      | 310 92     | 1,183 76     | 21 11      |
| Nelson and Fort Sheppard.....               | 1,661 86     |              | 13 33         | 0 44       | 0 68       | 224 37       |            |
| New Brunswick Coal and Rly. Co.....         | 0 55         |              | 32,931 53     | 2,179 05   | 1,408 79   | 4,824 38     | 657 49     |
| New Westminster Southern.....               | 3,406 69     | 16 68        | 121,081 03    | 9,835 00   | 3,768 84   | 12,301 85    | 1,610 57   |
| Ottawa and New York.....                    | 16,167 52    | 3,575 77     | 66,785 50     | 776 59     | 575 68     | 2,149 52     | 1,197 59   |
| Pere Marquette.....                         | 844 43       |              | 34,046 40     | 4,113 50   | 2,198 67   | 566 25       | 9,909 42   |
| Pacific Great Eastern Rly. Co.....          | 6,919 69     | 36,943 98    | 28,368 82     | 2,552 79   | 321 26     | 2,404 30     | 126 52     |
| Quebec Central.....                         | 8,513 89     | 13,678 11    |               | 2,010 50   | 1,742 82   | 1,413 80     | 1,921 06   |
| Quebec, Montreal and Southern.....          | 5,494 39     | 2,114 55     |               | 34 29      | 3,742 14   | 3,715 54     | 3,715 54   |
| Quebec Oriental.....                        | 1,239 01     |              | 3,463 74      | 32 53      | 59 63      | 478 04       | 37 57      |
| Quebec Rly., Light and Power Co.....        | 18 81        |              |               | 27 85      | 1,232 00   | 3,852 00     | 3,852 00   |
| Red Mountain.....                           | 859 00       | 55 00        |               | 359 00     | 86 61      | 297 10       | 16 32      |
| Roberval-Saguenay.....                      | 319 06       | 39 59        | 2,099 19      | 131 80     | 1,745 64   | 3,222 76     | 451 86     |
| Rutland and Noyan.....                      | 16,170 93    | 6,961 33     | 46,784 12     | 4,327 92   | 3,245 21   | 2,100 72     | 4,245 51   |
| St. Lawrence and Adirondack.....            | 26,120 77    |              |               |            | 441 66     | 40,203 71    | 15,368 43  |
| Sydney and Louisburg.....                   | 3,574 75     | 22,994 52    | 249,540 00    | 6,931 99   | 3,337 11   | 349 50       | 1,417 31   |
| Tennessee.....                              | 43,200 92    | 74 00        | 123,128 92    |            | 313 50     | 23,555 93    | 2,663 41   |
| Teniskaming and Northern Ontario.....       | 230 72       |              | 106,574 05    | 450 01     | 2,880 38   | 11,468 41    | 52 50      |
| Thousand Islands.....                       | 27,355 56    | 16,844 87    |               |            | 0 07       | 17 01        | 53 12      |
| Toronto, Hamilton and Buffalo.....          | 2,046 35     | 1,084 49     |               |            |            |              |            |
| Yamouche, Victoria and Eastern.....         | (Cr.)        |              |               |            |            |              |            |
| Victoria Terminal and Ferry Co.....         | 5 05         |              |               |            |            |              |            |
| Victoria and Sidney Rly. Co.....            | 13 92        |              |               |            |            |              |            |
| Wabash (in Canada).....                     |              |              |               |            |            |              |            |
| Total.....                                  | 4,150,514 21 | 1,674,974 36 | 25,468,627 98 | 855,385 34 | 173,266 58 | 3,000,597 86 | 362,685 03 |

TABLE 7—Summary of Operating Expenses for the Year ending December 31, 1919—Continued  
 TABLEAU 7—Sommaire des frais d'exploitation pendant l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer | Maintenance of Way and Structures—Continued—Entretien des voies et ouvrages—suite |  |  |                                       |  |                                     |  |                                      |    |          |
|---|---|--|--|---------------------------------------|--|-------------------------------------|--|--------------------------------------|----|----------|
|   | Water Stations<br>Stations pour eau   | Fuel Stations<br>Stations pour combustible | Shop and Engine-houses<br>Ateliers et hangars à machines | Grain Elevators<br>Élévateurs à grain | Storage Warehouses<br>Entrepôts d'emmagasinement | Wharves and Docks<br>Quais et docks | Coal and Ore Wharves<br>Quais à houille et minéral | Gas-producing Plants<br>Usines à gaz | \$ | cts.     |
| Algoma Central and Hudson Bay           | 3,801 20  | 366 81                                     | 9,399 31   |                                       |  |                                     | 29,464 64  |                                      |    |          |
| Algoma Eastern                          | 1,006 65  | 340 25                                     | 63 70  |                                       |  |                                     | 12,944 62  |                                      |    |          |
| Alberta and Great Waterways             | 801 30  |  | 5 60   |                                       |  |                                     |  |                                      |    |          |
| Atlantic, Quebec and Western            | 422 10  |  |  |                                       |  |                                     |  |                                      |    |          |
| Brandon, Sask. and Hudson Bay           | 1,567 59  | 106 72                                     | 569 25   |                                       |  | 974 45                              |  |                                      |    |          |
| British Yukon                           |   |  |  |                                       |  |                                     |  |                                      |    |          |
| Canada and Gulf Terminal                | 38,329 60   | 8,139 53                                   | 35,231 71  |                                       |  | Cr. 506 63                          |  |                                      |    |          |
| Canadian National Ryss.                 |   |  |  |                                       |  |                                     |  |                                      |    |          |
| Intercolonial                           | 49,510 15   | 58,247 21                                  | 199,381 26   | 7,586 03                              | 204 85   | 68,585 47                           |  |                                      |    | 6,214 77 |
| Prince Edward Island                    | 6,363 58  | 2,564 56                                   | 6,273 61   |                                       |  | 2,565 29                            |  |                                      |    |          |
| International of New Brunswick          | 1,553 92  | 4 00                                       | 1,512 95   |                                       |  |                                     |  |                                      |    |          |
| St. John and Quebec                     | 120 27  | 551 22                                     |  |                                       |  |                                     |  |                                      |    | 2,793 38 |
| Transcontinental                        | 55,720 95   | 22,115 25                                  | 139,598 63   | 1,421 94                              |  |                                     |  |                                      |    | 334 83   |
| Elgin and Havelock                      | 779 32  |  | 649 18   |                                       |  |                                     |  |                                      |    |          |
| Moncton and Buctouche                   | 816 58  | 9 00                                       | Cr. 181 29   |                                       |  |                                     |  |                                      |    |          |
| Salisbury and Albert                    | 503 98  |  | 172 91   |                                       |  |                                     |  |                                      |    |          |
| St. Martins                             | 367 87  | 36 51                                      | 952 99   |                                       |  |                                     |  |                                      |    |          |
| York and Carleton                       |   |  | Cr. 72 18  |                                       |  |                                     |  |                                      |    |          |
| Canadian Northern                       | 301,697 00  | 49,902 72                                  | 250,954 69   | 115,146 21                            | 5,905 01   | 6,061 54                            | 2,193 72   |                                      |    | 515 29   |
| Canadian Pacific                        | 549 244 92  | 172,859 86                                 | 872,981 67   |                                       |  | 106,589 83                          | 97,780 59  |                                      |    |          |
| Cape Breton                             |   |  |  |                                       |  |                                     |  |                                      |    |          |
| Caraquet and Gulf Shore                 |   |  |  |                                       |  |                                     |  |                                      |    |          |
| Central Canada                          | 1,323 52  |  |  |                                       |  |                                     |  |                                      |    |          |
| Central Vermont                         | 980 33  | 259 69                                     | 1,204 76   |                                       |  | 80 28                               |  |                                      |    |          |
| Crow's Nest Southern                    | 1,525 23  | 31 14                                      | 121 30   |                                       |  |                                     |  |                                      |    |          |
| Cumberland                              |   | 1 94                                       | 108 16   |                                       |  |                                     |  |                                      |    |          |
| Dominion Atlantic                       | 2,191 61  | 1,004 93                                   | 4,239 51   |                                       |  | 710 37                              |  |                                      |    |          |
| Eastern British Columbia                | 156 46  |  | 176 55   |                                       |  |                                     |  |                                      |    |          |
| Edmonton, Dunvegan and British Columbia | 6,166 75  |  | 3,888 03   |                                       |  |                                     |  |                                      |    |          |
| Essex Terminal                          |   |  |  |                                       |  |                                     |  |                                      |    |          |
| Esquimaux and Nanaimo                   | 1,892 18  | 1,308 69                                   | 3,363 12   |                                       |  | 1,349 29                            |  |                                      |    |          |

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|  |              |            |              |       |            |  |          |            |            |  |  |  |  |  |          |
|--|--------------|------------|--------------|-------|------------|--|----------|------------|------------|--|--|--|--|--|----------|
| Fredericton and Grand Lake Coal Rly. Co. |              |            |              |       |            |  |          |            |            |  |  |  |  |  |          |
| Grand Trunk                              | 118,332 26   | 66,664 17  | 737,542 34   | 73 05 | 35,321 89  |  |          | 47,203 21  | 273 09     |  |  |  |  |  |          |
| Grand Trunk Pacific                      | 36,517 97    | 10,072 63  | 92,722 78    |       |            |  |          | 9,513 49   | 6 24       |  |  |  |  |  |          |
| Grand Trunk Pacific Branch Lines         | 10,019 85    | 428 27     | 17,165 73    |       |            |  |          |            |            |  |  |  |  |  |          |
| Hereford                                 | 1,071 22     | 25 28      | 280 31       |       |            |  |          |            |            |  |  |  |  |  |          |
| Kent Northern                            |              |            |              |       |            |  |          |            |            |  |  |  |  |  |          |
| Kettle Valley                            | 3,001 75     | 767 36     | 597 95       |       |            |  |          | 605 55     |            |  |  |  |  |  |          |
| Lothbière and Mégantic                   |              |            |              |       |            |  |          |            |            |  |  |  |  |  |          |
| Maine Central                            |              |            |              |       |            |  |          |            |            |  |  |  |  |  |          |
| Manitoba Great Northern                  | 1,386 18     | 7 00       | 56 94        |       |            |  |          |            |            |  |  |  |  |  |          |
| Maritime Coal Rly. and Power Co.         |              |            |              |       |            |  |          |            |            |  |  |  |  |  |          |
| Massawippi Valley                        | 2,071 84     | 117 54     | 2,807 35     |       |            |  |          |            |            |  |  |  |  |  |          |
| Midland of Manitoba                      | 322 06       | 74 92      | 601 11       |       |            |  |          |            |            |  |  |  |  |  |          |
| Montreal and Atlantic                    | 2,488 36     | 3,017 15   | 6,415 89     |       |            |  |          |            |            |  |  |  |  |  |          |
| Morrissey, Fernie and Michel             |              |            |              |       |            |  |          |            |            |  |  |  |  |  |          |
| Napierville Junction                     | 233 87       | 186 70     |              |       |            |  |          |            |            |  |  |  |  |  |          |
| Nelson and Fort Sheppard                 | 728 27       |            | 147 77       |       |            |  |          |            |            |  |  |  |  |  |          |
| New Brunswick Coal and Rly. Co.          |              |            |              |       |            |  |          |            |            |  |  |  |  |  |          |
| New Westminster Southern                 |              |            |              |       |            |  |          |            |            |  |  |  |  |  |          |
| Ottawa and New York                      | 288 93       | 90 88      | 292 92       |       |            |  |          |            |            |  |  |  |  |  |          |
| Père Marquette                           | 8,692 08     | 743 78     | 14,690 42    |       |            |  |          | 6,576 12   |            |  |  |  |  |  |          |
| Pacific Great Eastern Rly. Co.           | 6,161 41     | 819 64     | 2,632 72     |       |            |  |          | 17,593 41  |            |  |  |  |  |  |          |
| Quebec Central                           | 7,707 82     | 849 37     | 1,415 63     |       |            |  |          | 981 39     |            |  |  |  |  |  |          |
| Quebec, Montreal and Southern            | 2,215 13     | 1,392 20   | 1,325 15     |       |            |  |          |            |            |  |  |  |  |  |          |
| Quebec Rly., Light and Power Co.         | 721 20       |            |              |       |            |  |          |            |            |  |  |  |  |  |          |
| Red Mountain                             |              |            |              |       |            |  |          |            |            |  |  |  |  |  |          |
| Roberval-Saguenay                        | 271 61       |            |              |       |            |  |          |            |            |  |  |  |  |  |          |
| Rutland and Noyan                        | 69 18        | 36 75      | 404 50       |       |            |  |          | 257 00     |            |  |  |  |  |  |          |
| St. Lawrence and Adirondaek              | 2,351 12     | 521 90     | 3,621 30     |       |            |  |          |            |            |  |  |  |  |  |          |
| Sydney and Louisburg                     |              | 2,226 75   | 5,815 31     |       |            |  |          |            |            |  |  |  |  |  |          |
| Témiscouata                              |              |            |              |       |            |  |          |            |            |  |  |  |  |  |          |
| Temiskaming and Northern Ontario         | 10,234 86    | 2,429 83   | 19,715 35    |       |            |  |          |            |            |  |  |  |  |  |          |
| Thousand Islands                         |              |            |              |       |            |  |          |            |            |  |  |  |  |  |          |
| Toronto, Hamilton and Buffalo            | 2,721 79     | 782 37     | 16,757 99    |       |            |  |          | 42 69      |            |  |  |  |  |  |          |
| Vancouver, Victoria and Eastern          | 3,583 25     | 4,222 97   | 7,351 63     |       |            |  |          | 1,881 00   |            |  |  |  |  |  |          |
| Victoria Terminal and Rly. Ferry Co.     |              |            |              |       |            |  |          | 1,838 57   |            |  |  |  |  |  |          |
| Victoria and Sidney Rly. Co.             |              |            |              |       |            |  |          |            |            |  |  |  |  |  |          |
| Wabash (in Canada)                       |              |            |              |       |            |  |          | 720 71     |            |  |  |  |  |  |          |
| Total                                    | 1,240,915 40 | 413,357 69 | 2,459 939 59 |       | 159,476 07 |  | 7,464 26 | 273,465 91 | 142,662 81 |  |  |  |  |  | 9,588 27 |

TABLE 7—Summary of Operating Expenses for the Year ending December 31, 1919—Continued  
 TABLEAU 7—Sommaire des frais d'exploitation pendant l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer |  | Maintenance of Way and Structures—Continued—Entretien des voies et ouvrages—suite |   |  |  |                  |  |   |  |        |      |        |    |
|---|--|---|---|--|--|------------------|--|---|--|--------|------|--------|----|
|   |  | Telegraph and Telephone Lines<br>Lignes de télégraphe et de téléphone             | Signals and Interlockers<br>Signaux et aiguillage à enclanchement | Power Transmission System<br>Réseau de transmission de force motrice | Miscellaneous Structures<br>Diverses constructions | Paving<br>Pavage | Roadway Machines<br>Machines routières | Small Tools and Supplies<br>Menus outils et fournitures | Removing Snow, Ice and Sand<br>Enlèvement de neige, glace et sable |        |      |        |    |
|   |  | \$  | cts.  | \$   | cts.   | \$               | cts.                                   | \$  | cts.   | \$     | cts. |        |    |
| Algonia Central and Hudson Bay          |  | 6,361   | 07  | Cr.  | 0  | 08               |  |   |  | 4,581  | 74   | 19,423 | 74 |
| Alberta Eastern                         |  | 3,175   | 60  |  | 39   | 23               |  |   |  | 2,316  | 80   | 2,700  | 49 |
| Alberta and Great Waterways             |  | 886   | 13  |  |  |                  |  |   |  | 1,167  | 55   | 645    | 60 |
| Atlantic, Quebec and Western            |  | 75  | 03  |  |  |                  |  |   |  | 1,115  | 77   | 10,191 | 38 |
| Brandon, Sask. and Hudson Bay           |  | 142   | 11  |  | 371  | 41               |  |   |  | 1,698  | 06   | 9,624  | 95 |
| British Yukon                           |  | 455   | 75  |  |  |                  |  |   |  | 1,041  | 91   | 7,693  | 78 |
| Canada and Gulf Terminal                |  | 309   | 91  |  |  |                  |  |   |  | 595    | 35   | 1,807  | 11 |
| Canada Southern                         |  | 1,288   | 84  |  | 77,765   | 93               |  |   |  | 32,853 | 74   | 6,926  | 74 |
| Canadian National Rlys.—                |  |   |   |  |  |                  | 21,736                                 | 73  |  |        |      |        |    |
| Intercolonial                           |  | 55,873  | 29  |  | 45,709   | 14               |  |   |  |        |      |        |    |
| Prince Edward Island                    |  | 4,076   | 49  |  | 382  | 94               |  |   |  |        |      |        |    |
| International of New Brunswick          |  | 9,830   | 51  |  | 250  | 95               |  |   |  |        |      |        |    |
| St. John and Quebec                     |  | 142   | 11  |  |  |                  |  |   | 965  | 37     |      |        |    |
| Transcontinental                        |  | 43,347  | 81  |  | 22,286   | 21               |  |   |  |        |      |        |    |
| Elgin and Hawkeok                       |  | 17  | 57  |  |  |                  |  |   |  |        |      |        |    |
| Moncton and Buctouche                   |  | 17  | 57  |  |  |                  |  |   |  |        |      |        |    |
| Saskbury and Albert                     |  | 1,037   | 94  |  |  |                  |  |   |  |        |      |        |    |
| St. Martins                             |  | 81  | 57  |  |  |                  |  |   |  |        |      |        |    |
| York and Carleton                       |  |   |   |  |  |                  |  |   |  |        |      |        |    |
| Canadian Northern                       |  | 240,466   | 32  |  | 42,089   | 07               |  |   |  |        |      |        |    |
| Canadian Pacific                        |  | 379,020   | 10  |  | 298,318  | 96               |  |   |  |        |      |        |    |
| Cape Breton                             |  |   |   |  |  |                  | 3,915                                  | 63  | 374  | 13     |      |        |    |
| Caracquet and Gulf Shore                |  |   |   |  |  |                  |  |   |  |        |      |        |    |
| Central Canada                          |  | 454   | 15  |  |  |                  |  |   |  |        |      |        |    |
| Central Vermont                         |  | 1,376   | 47  |  | 13   | 99               |  |   |  |        |      |        |    |
| Crow's Nest Southern                    |  | 245   | 06  |  | 234  | 71               |  |   |  |        |      |        |    |
| Cumplerland                             |  | 84  | 80  |  |  |                  |  |   |  |        |      |        |    |
| Dominion Atlantic                       |  | 1,250   | 41  | Cr.  | 16   | 26               |  |   |  |        |      |        |    |
| Eastern British Columbia                |  | 14  | 77  |  |  |                  |  |   |  |        |      |        |    |
| Edmonton, Dunvegan and British Columbia |  | 6,362   | 27  |  |  |                  |  |   |  |        |      |        |    |
| Essex Terminal                          |  |   |   |  | 1,824  | 55               |  |   |  |        |      |        |    |



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|--|------------|------------|-----|------------|-----------|----------|------------|------------|--------------|
| Esquimaux and Nanaimo.....                   | 84 23 Cr.  | 14 35      |     |            |           |          | 1,920 14   | 2,168 18   | 720 19       |
| Fredericton and Grand Lake Coal and Rly. Co. | 113 43     |            |     |            |           |          | 12 43      | 709 70     | 1,138 16     |
| Grand Trunk.....                             | 37,320 74  | 128,289 88 |     | 16,041-91  |           |          | 31,171 60  | 132,152 70 | 159,998 37   |
| Grand Trunk Pacific.....                     | 19,225 58  | 5,138 22   |     | 541 45     |           |          | 11,165 85  | 51,075 76  | 104,462 61   |
| Grand Trunk Pacific Branch Lines.....        | 3,243 27   | 3,690 26   |     |            |           |          | 4,818 93   | 30,173 58  | 60,269 24    |
| Hereford.....                                | 5 14       | 176 08     |     |            |           |          | 339 06     | 683 82     | 3,863 32     |
| Kent Northern.....                           |            |            |     |            |           |          |            |            |              |
| Kettle Valley.....                           | 5,455 40   | 204 19     | Cr. | 27 00      |           |          | 4,822 04   | 5,116 43   | 24,068 09    |
| LoftBrière and Mécanic.....                  | 5 30       |            |     |            |           |          |            | 137 10     | 97 50        |
| Maine Central.....                           |            |            |     |            |           |          |            | 1,430 33   | 4,035 40     |
| Manitoba Great Northern.....                 | 434 65     | 597 40     |     |            |           |          | 554 83     | 1,624 44   | 3,098 92     |
| Maritime Coal Rly. and Power Co.             | 301 17     | 17 65      |     |            |           |          | 53 24      | 1,762 72   | 1,762 72     |
| Ma-sawippi Valley.....                       | 243 62     |            |     |            |           |          | 3,782 14   | 4,446 04   | 12,186 75    |
| Midland of Manitoba.....                     | 23,042 97  | 2,335 88   |     | 1,276 28   |           |          |            |            | 2,284 98     |
| Montréal and Atlantic.....                   |            |            |     |            |           |          |            |            | 211 78       |
| Morrissey, Fernie and Mictel.....            | 94 54      | 16,608 33  |     |            |           |          | 32 32      |            | 1,151 72     |
| Naperville Junction.....                     | 463 72     | 212 36     |     |            |           |          | 30 35      | 285 92     | 2,665 61     |
| Nelson and Fort Sheppard.....                | 166 46     |            |     |            |           |          | 15 95      | 700 86     | 1,017 77     |
| New Brunswick Coal and Rly. Co.              |            |            |     |            |           |          | 22 56      | 61 68      | 15 05        |
| New Westminster Southern.....                |            | 67 80      |     |            |           |          |            |            |              |
| Ottawa and New York.....                     | 23 39      | 5,067 40   |     |            |           |          | 0 35       | 2,438 06   | 3,500 89     |
| Père Marquette.....                          | 1,277 89   | 4,334 76   |     |            | 206 26    |          |            |            | 2,850 10     |
| Pacific Great Eastern Rly. Co.               | 3,984 18   |            |     |            |           |          | 3,887 85   | 2,850 10   | 2,599 13     |
| Quebec Central.....                          |            |            |     |            |           |          | 5,583 23   | 6,539 08   | 7,660 21     |
| Quebec, Montréal and Southern.....           | 182 13     | 1,466 77   |     |            |           |          | 3,599 52   | 5,264 28   | 7,978 46     |
| Quebec Oriental.....                         | 541 81     |            |     |            | 53 62     |          |            | 2,173 51   | 13,204 35    |
| Quebec Rly., Light and Power Co.             | 103 20     |            | Cr. |            |           | 0 48     |            | 2,148 07   | 3,895 75     |
| Red Mountain.....                            | 106 16     | 1,071 16   |     |            |           |          | 301 36     | 669 30     | 8,718 71     |
| Roberval-Saguenay.....                       | 323 00     | 37 10      |     |            |           |          | 5 32       | 41 16      | 1,479 97     |
| Rutland and Noyan.....                       | 13 42      | 31 60      |     |            | 238 00    |          |            | 964 00     | 9,147 00     |
| St. Lawrence and Adirondack.....             | 9 94       | 3,186 12   |     |            |           |          | 40 39      | 79 58      | 1,28 37      |
| Sydney and Louisbourg.....                   |            |            |     |            |           |          | 287 59     | 1,526 87   | 4,784 61     |
| Témiscouata.....                             |            |            |     |            |           |          |            | 2,074 21   | 4,575 03     |
| Témiscauming and Northern Ontario.....       | 9,357 30   | 54 03      |     |            | 135 15    |          | 5,021 85   | 946 80     | 8,452 19     |
| Thousand Islands.....                        |            |            |     |            |           |          |            | 12,755 87  | 46,800 71    |
| Toronto, Hamilton and Buffalo.....           | 3,686 58   | 32,593 44  |     |            |           |          | 1,342 70   | 176 30     | 685 64       |
| Vancouver, Victoria and Eastern.....         | 4,541 10   | 4,893 38   |     | 1,375 16   |           |          | 3,064 03   | 5,663 03   | 1,382 43     |
| Victoria Terminal Rly. and Ferry Co.....     |            |            |     | 100 01     |           |          |            | 4,765 37   | 3,918 71     |
| Victoria and Sidney Rly. Co.....             |            |            |     |            |           |          |            | 0 16       |              |
| Wabash (in Canada).....                      |            |            |     |            |           |          |            | 3 60       |              |
| Total.....                                   | 867,915 92 | 699,928 68 |     | 101,348 75 | 34,557 31 | 2,251 60 | 353,046 70 | 997,275 14 | 2,888,089 73 |

TABLE 7—Summary of Operating Expenses for the Year ending December 31, 1919—Continued  
 TABLEAU 7—Sommaire des frais d'exploitation pendant l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer | Maintenance of Way and Structures— <i>Entretien des voies et ouvrages—fin</i>         |  |                        |   |   |  |   |      |          |      | Total<br>Maintenance<br>of Way<br>and<br>Structures<br>Total<br>de l'entretien<br>des voies et<br>ouvrages |      |               |
|---|---|--|------------------------|---|---|--|---|------|----------|------|--|------|---------------|
|   | Assessments<br>for Public<br>Improvements<br>Taxes pour<br>améliorations<br>publiques | Injuries to<br>Persons<br>Blessures<br>causées | Insurance<br>Assurance | Stationary<br>and<br>Printing<br>Papeterie<br>et<br>impressions | Other<br>Expenses<br>Autres<br>dépenses | Maintaining<br>Joint Tracks,<br>Yards and<br>Facilities—Dr.<br>Entretien<br>des<br>voies et parcs<br>communs<br>D.L. | Maintaining<br>Joint Tracks,<br>Yards and<br>other<br>Facilities—Cr.<br>Entretien<br>des<br>voies et parcs<br>communs<br>A.V. |      |          |      |  |      |               |
|   | \$  | cts.   | \$                     | cts.  | \$                                      | cts.   | \$  | cts. | \$       | cts. | \$   | cts. |               |
| Algoma Central and Hudson Bay.....      |   |  | 492 64                 |   | 16 735 09                               |  | 743 85  |      | 359 49   |      | 1 100 00   |      | 443 269 45    |
| Alberta Eastern.....                    |   |  |                        |   | 4 827 50                                |  | 211 80  |      | 215 03   |      | 2 747 81   |      | 117 351 74    |
| Alberta and Great Waterways.....        | 11 82   |  |                        |   | 401 94                                  |  |   |      | 858 55   |      |  |      | 25 693 63     |
| Atlantic, Quebec and Western.....       |   |  | 96 84                  |   | 129 40                                  |  | 197 20  |      | 275 70   |      |  |      | 72 693 17     |
| Brandon, Sask. and Hudson Bay.....      |   |  | 298 37                 |   |   |  | 1 68  |      | 32 15    |      |  |      | 83 178 27     |
| British Yukon.....                      |   |  |                        |   |   |  |   |      |          |      |  |      | 30 774 04     |
| Canada and Gulf Terminal.....           |   |  |                        |   |   |  |   |      |          |      |  |      | 19 611 82     |
| Canada Southern.....                    | 23 00   |  | 8 203 13               |   |   |  | 4 611 48  |      |          |      | 100 490 96   |      | 2 001 189 78  |
| Canadian National Ry.—                  |   |  |                        |   |   |  |   |      |          |      |  |      |               |
| Intercolonial.....                      |   |  | 3 694 92               |   |   |  | 20 908 57   |      | 2 286 66 |      | 357 529 76   |      | 7 106 940 33  |
| Prince Edward Island.....               |   |  | 117 16                 |   |   |  | 3 197 98  |      | 90 00    |      |  |      | 530 390 74    |
| International of New Brunswick.....     |   |  |                        |   | 2 11                                    |  | 23 05   |      | 11 00    |      |  |      | 197 274 11    |
| St. John and Quebec.....                |   |  | 706 73                 |   |   |  | 10 988 87   |      | 270 24   |      |  |      | 132 692 14    |
| Transcontinental.....                   |   |  |                        |   | 210 37                                  |  | 104 04  |      | 29 30    |      |  |      | 21 737 30     |
| Elgin and Truro.....                    |   |  |                        |   |   |  | 213 21  |      | 12 75    |      |  |      | 43 473 91     |
| Moncton and Pictou-Quebec.....          |   |  |                        |   |   |  | 253 28  |      | 103 50   |      |  |      | 56 201 42     |
| Saskatchewan and Alberta.....           |   |  |                        |   |   |  | 98 90   |      |          |      |  |      | 26 045 41     |
| St. Martins.....                        |   |  | 12 00                  |   |   |  | 0 93  |      |          |      |  |      | 4 795 08      |
| York and Carleton.....                  |   |  | 45 529 97              |   | 123 272 52                              |  | 31 484 46   |      | 433 02   |      | 107 542 71   |      | 15 664 857 15 |
| Canadian Northern.....                  |   |  | 146 290 70             |   |   |  | 19 453 70   |      | 4 739 29 |      | 519 839 29   |      | 28 912 220 30 |
| Canadian Pacific.....                   | 34 076 88   |  |                        |   |   |  |   |      |          |      |  |      | 10 834 57     |
| Cape Breton.....                        |   |  |                        |   |   |  |   |      |          |      |  |      | 48 642 49     |
| Carleton and Gulf Shore.....            |   |  |                        |   | 209 80                                  |  |   |      |          |      |  |      | 15 864 51     |
| Central Canada.....                     |   |  |                        |   |   |  |   |      |          |      |  |      | 192 588 12    |
| Central Vermont.....                    |   |  | 149 96                 |   |   |  | 98 86   |      |          |      | 3 80   |      | 122 498 38    |
| Crow's Nest Southern.....               |   |  | 32 20                  |   | 143 41                                  |  | 197 16  |      | 183 38   |      | 99 00  |      | 34 032 60     |
| Cumberland.....                         |   |  |                        |   |   |  |   |      | 18 41    |      |  |      | 418 651 07    |
| Dominion Atlantic.....                  |   |  | 5 00                   |   |   |  | 168 53  |      | 462 24   |      |  |      | 13 886 80     |
| Eastern British Columbia.....           |   |  |                        |   |   |  |   |      | 33 28    |      |  |      |               |

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|---|------------|-------------|-------------|-------------|----------------|-----------------|
| Edmonton, Duavegan and British Columbia.....  | 37 72      | 4, 237 43   | 0 77        | 7, 997 72   | 2, 737 81      | 213, 431 71     |
| Essex Terminal.....                           | 685 50     |             |             |             |                | 31, 458 22      |
| E-quinnalt and Nanaimo.....                   | 847 87     |             |             |             |                | 207, 143 01     |
| Frederickton and Grand Lake Coal and Rly. Co. |            |             |             |             |                | 9, 406, 841 48  |
| Grand Trunk.....                              | 47, 783 68 | 59, 380 05  | 8, 988 86   | 85, 973 15  | 1, 290, 044 85 | 3, 709, 745 71  |
| Grand Trunk Pacific.....                      | 12, 134 57 | 35, 559 75  | 6, 235 34   | 31, 723 48  | 645 70         | 1, 339, 376 99  |
| Cr. ....                                      | 1, 762 93  | 9, 536 58   | 2, 209 63   | 105 10      |                | 70, 993 74      |
| Heneford.....                                 | 50 00      | 26 80       | 225 56      | 184 69      |                | 8, 074 82       |
| Kent Northern.....                            |            |             | 430 82      | 27 75       | 4, 353 85      | 505, 637 71     |
| Kettle Valley.....                            | 19 00      | 6, 333 42   |             | 25 15       |                | 16, 898 86      |
| Lotbinière and Mégantic.....                  |            |             | 18 35       |             |                | 5, 437 68       |
| Maine Central.....                            |            |             | 246 50      | 372 20      |                | 82, 132 74      |
| Manitoba Great Northern.....                  | 47 73      | 92 72       |             | 143 50      |                | 28, 046 62      |
| Maritime Coal Rly. and Power Co.              |            |             |             | 360 00      |                | 71, 404 61      |
| Cr. ....                                      |            |             | 25 69       | 332 82      |                | 119, 300 52     |
| Ma-sawippi Valley.....                        |            | 63 76       | 68 39       | 75, 486 23  |                | 439, 183 54     |
| Midland of Manitoba.....                      | 427 20     | 427 20      | 569 38      | 2, 684 42   |                | 101, 170 74     |
| Montreal and Atlantic.....                    | 222 73     |             |             | 969 15      | 36 51          | 83, 522 60      |
| Morrissey, Fernie and Michel.....             |            | 59 04       | 38 92       | 5, 227 24   | 99 00          | 64, 825 09      |
| Napierville Junction.....                     |            |             | 147 92      | 336 76      | 450 88         | 2, 478 70       |
| Nelson and Fort Sheppard.....                 | 15 30      | 134 81      |             | 9 10        |                | 110, 238 36     |
| New Brunswick Coal and Rly. Co.               |            |             |             | 163 77      |                | 491, 963 34     |
| New Westminster Southern.....                 | 2 23       | 2 56        | 22 06       | 2, 222 26   |                | 308, 454 66     |
| Ottawa and New York.....                      |            | 51 63       | 2 33        | 77 50       | 4, 538 19      | 422, 954 61     |
| Père Marquette.....                           | 3, 442 35  | Cr.         | 842 05      | 143, 515 89 |                | 163, 545 55     |
| Pacific Great Eastern Rly. Co.                |            | 0 49        | 734 91      | 720 00      |                | 100, 639 80     |
| Quebec Central.....                           | 32 24      | 14, 957 53  | 269 68      | 2, 901 56   |                | 58, 387 67      |
| Quebec, Montreal and Southern.....            | 2, 797 05  | 1, 440 00   | 198 74      | 740 18      |                | 16, 231 83      |
| Quebec Oriental.....                          | 71 09      | 859 81      |             | 32 00       |                | 47, 044 00      |
| Quebec Rly., Light and Power Co.              |            |             |             | 1, 418 41   |                | 6, 594 40       |
| Red Mountain.....                             |            |             | 35 59       | 4 00        |                | 220, 605 37     |
| Roberval-Saguenay.....                        | 2 23       | 112 37      | 24 65       | 59 73       |                | 214, 891 45     |
| Rutland and Noyan.....                        | 400 00     | 2 00        | 134 00      | 637 00      |                | 95, 393 99      |
| St. Lawrence and Adirondack.....              |            |             | 18 92       |             |                | 794, 848 86     |
| Sydney and Louisburg.....                     |            |             |             | 52 34       | 36, 345 90     | 7, 159 23       |
| Téniscouata.....                              |            | 4, 496 16   | 6 38        | 15 50       | 22, 681 98     | 438, 213 04     |
| Témiscamingue and Northern Ontario.....       | 1, 123 33  |             | 1, 636 85   | 2, 495 00   |                | 522, 153 73     |
| Thousand Islands.....                         |            |             |             |             |                | 112 10          |
| Toronto, Hamilton and Buffalo.....            | 1, 432 70  | 713 96      | 1, 181 46   | 34 30       | 58, 599 85     | 2, 386 00       |
| Vancouver, Victoria and Eastern.....          | 138 27     | 1, 104 19   | 1, 017 66   | 3, 800 68   | 18, 472 19     | 798, 530 86     |
| Victoria Terminal Rly. and Ferry Co.          |            |             |             |             |                |                 |
| Victoria and Sidney Rly. Co.                  |            | 7 98        | 18 51       | 798, 803 68 | 310 24         |                 |
| Wabash (in Canada).....                       |            |             |             |             |                |                 |
| Total.....                                    | 35, 259 40 | 285, 259 69 | 118, 712 62 | 23, 999 86  | 1, 902, 103 03 | 82, 343, 529 51 |

TABLE 7—Summary of Operating Expenses for the Year ending December 31, 1919—Continued  
 TABLEAU 7—Sommaire des frais d'exploitation pendant l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer | Maintenance of Equipment—Entretien du matériel |  |  |   |   |   |   |  |    |              |
|---|--|--|--|---|---|---|---|--|----|--------------|
|   | Superintendent—<br>Gestion                     | Shop<br>Machinery<br>Machinerie<br>des<br>ateliers | Power Plant<br>Machinery<br>Usine<br>de force<br>motrice | Power<br>Sub-station<br>Apparatus<br>Machinerie<br>et outillage<br>des<br>sous-stations | Steam<br>Locomotives<br>Repairs<br>Locomotives<br>à vapeur<br>Réparations | Steam<br>Locomotives<br>Renovals<br>Locomotives<br>à vapeur<br>Renouvelle-<br>ments | Freight-train<br>Cars—<br>Repairs<br>Wagons de<br>marchandises<br>Réparations | Freight-train<br>Cars—<br>Renovals<br>Wagons de<br>marchandises<br>Renouvele-<br>ments |    |              |
|   | \$   | cts.   | \$   | cts.  | \$  | cts.  | \$  | cts.   | \$ | cts.         |
| Algoma Central and Hudson Bay           | 11,951   | 89   | 6,652  | 88  | 99,537  | 60  | 141,263   | 38   |    |              |
| Algoma Eastern                          | 7,578  | 79   | 151  | 43  | 46,514  | 08  | 14,843  | 47   |    | 454 76       |
| Alberta and Great Waterways             |  |  | 965  | 46  | 7,481   | 49  | 1,760   | 42   |    |              |
| Atlantic, Quebec and Western            | 1,639  | 74   | 739  | 90  | 33,606  | 54  |   |  |    |              |
| Brandon, Sask. and Hudson Bay           | 1,074  | 27   | 189  | 77  | 8,497   | 74  |   |  |    |              |
| British Yukon                           | 470  | 01   |  |   | 4,714   | 02  |   |  |    |              |
| Canada and Gulf Terminal                | 114,067  | 59   | 41,633   | 83  | 1,368,966   | 02  | 2,024,095   | 06   |    | 66,858 45    |
| Canadian National Ryys.—                |  |  |  |   |   |   |   |  |    |              |
| Intercolonial                           | 123,140  | 49   | 146,183  | 59  | 14,413  | 57  | 2,051,462   | 61   |    |              |
| Prince Edward Island                    | 5,807  | 28   | 6,804  | 96  | 70,908  | 54  |   |  |    |              |
| International of New Brunswick          | 2,074  | 52   | 2,461  | 49  | 38,440  | 50  |   |  |    | 11,238 17    |
| St. John and Quebec                     | 300  | 00   |  |   | 13,248  | 39  | 4   | 30   |    |              |
| Transcontinental                        | 73,400   | 39   | 97,425   | 84  | 922,030   | 55  | 1,061,979   | 90   |    |              |
| Elgin and Havelock                      | 255  | 15   | 302  | 68  | 2,821   | 84  | 524   | 94   |    |              |
| Moncton and Buctouche                   | 305  | 80   | 364  | 10  | 4,687   | 02  | 1,118   | 15   |    |              |
| Salisbury and Albert                    | 606  | 07   | 718  | 42  | 4,726   | 66  | 2,600   | 90   |    |              |
| St. Martins                             | 268  | 93   | 316  | 74  | 545   | 70  | 483   | 10   |    |              |
| York and Carleton                       | 113  | 01   | 133  | 86  | 1,326   | 33  | 237   | 49   |    |              |
| Canadian Northern                       | 419,445  | 86   | 292,152  | 94  | 4,095,293   | 50  | 4,200,780   | 84   |    |              |
| Canadian Pacific                        | 516,352  | 03   | 1,218,180  | 93  | 9,663,700   | 92  | 11,339,675  | 68   |    | 2,192,007 86 |
| Cape Breton                             |  |  |  |   | 856   | 66  | 52  | 80   |    |              |
| Caracot and Gulf Shore                  | 1,600  | 00   |  |   | 7,428   | 49  |   |  |    |              |
| Central Canada                          |  |  |  |   | 3,866   | 63  | 1,070   | 15   |    |              |
| Central Vermont                         | 2,428  | 75   |  |   | 18,836  | 96  | 7,534   | 75   |    |              |
| Crow's Nest Southern                    | 1,272  | 15   | 969  | 89  | 16,402  | 42  | 24,919  | 29   |    |              |
| Cumberland                              | 1,095  | 49   |  |   | 12,750  | 10  | 6,236   | 76   |    |              |
| Dominion Atlantic                       | 7,312  | 46   | 2,810  | 39  | 105,154   | 51  | 39,568  | 50   |    |              |
| Eastern British Columbia                |  | 20   | 101  | 58  | 7,825   | 46  | 32,378  | 12   |    | 2,552 54     |
| Edmonton, Dunvegan and British Columbia | 11,896   | 82   | 4,001  | 08  | 52,007  | 38  | 8,239   | 05   |    |              |
| Essex Terminal                          |  |  |  |   | 12,567  | 35  |   |  |    |              |
| Esquimalt and Nanaimo                   | 5,868  | 55   | 1,268  | 33  | 63,910  | 70  | 32,031  | 24   |    | 1,000 00     |

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|  |              |               |            |               |              |
|--|--------------|---------------|------------|---------------|--------------|
| Fredericton and Grand Lake Coal and Rly. Co. | 10 65        | 5,464 55      | 149,844 71 | 1,045 37      | 200,000 00   |
| Grand Trunk                                  | 606,859 02   | 7,675,724 39  | 149,844 71 | 5,524,345 63  | 40,713 50    |
| Grand Trunk Pacific                          | 62,122 83    | 1,068,726 38  | 4,973 09   | 2,271,771 90  | 5,022 05     |
| Grand Trunk Pacific Branch Lines             | 9,193 07     | 312,973 58    | 3,374 32   | 396,549 45    | 135 79       |
| Hereford                                     | 235 80       | 23,268 78     | 143 52     | 18,971 87     | Cr.          |
| Kent Northern                                | 2,956 43     | 1,000 00      |            | 34,243 45     |              |
| Kettle Valley                                | 569 49       | 68,586 30     |            | 99 29         |              |
| Loebinière and Mécanic                       | 51 99        | 1,989 36      | 16 48      | 3,135 60      | 25 14        |
| Maine Central                                | 488 42       | 993 30        |            | 389 52        |              |
| Manitoba Great Northern                      | 1,826 33     | 3,282 36      |            |               |              |
| Maritime Coal Rly. and Power Co.             | 151 25       | 6,517 68      | 507 34     |               |              |
| Massawippi Valley                            | 2,257 08     | 36,798 12     |            | 26,630 84     |              |
| Midland of Manitoba                          | 1,681 96     | 36,619 80     |            | 15,015 59     | 15,964 51    |
| Montreal and Atlantic                        | 8,542 47     | 126,222 92    |            | 3,452 77      | 13,349 73    |
| Montrose, Fernie and Michel                  | 2,451 87     | 7,431 34      |            | 6,598 57      |              |
| Napierville Junction                         | 641 44       | 59,001 18     |            |               |              |
| Nelson and Fort Sheppard                     | 215 25       | 5,228 97      |            | 4,255 34      |              |
| New Brunswick Coal and Rly. Co.              | 14 58        | 1,505 88      |            |               |              |
| New Westminster Coal and Rly. Co.            | 3,231 29     | 34,392 58     |            | 11,772 51     |              |
| Ottawa and New York                          | 14,873 80    | 323,105 40    |            | 15,894 63     | 88 19        |
| Père Marquette                               | 4,166 22     | 65,111 27     |            | 21,336 10     | 45 68        |
| Pacific Great Eastern Rly. Co.               | 15,852 68    | 117,150 01    | 39,356 84  | 126,354 47    |              |
| Quebec Central                               | 3,461 01     | 78,285 99     |            | 160,637 05    | 4,502 15     |
| Quebec, Montreal and Southern                | 1,016 47     | 35,529 28     |            | 4,213 96      |              |
| Quebec Oriental                              | 1,008 48     | 7,000 00      |            | 11,160 84     |              |
| Quebec Rly., Light and Power Co.             | 90 32        | 2,351 96      |            |               |              |
| Red Mountain                                 | 1 71         | 7,000 00      |            | 9,808 00      |              |
| Roberval-Saguenay                            | 981 00       | 10,867 00     |            | 1,148 94      |              |
| Rutland and Noyan                            | 78 12        | 1,120 35      |            | 8,392 93      |              |
| St. Lawrence and Abitibiak                   | 1 63         | 45,414 66     |            | 158,980 57    |              |
| Sydney and Louisbourg                        | 1,874 79     | 110,894 56    |            | 16,078 14     |              |
| Témiscouata                                  | 5,310 63     | 15,076 47     |            | 54,388 10     | 21,822 19    |
| Temiskaming and Northern Ontario             | 9,307 56     | 2,215 47      | 20,259 48  |               |              |
| Thousand Islands                             | 888 01       | 183 41        |            |               |              |
| Toronto, Hamilton and Buffalo                | 12,639 21    | 197,344 37    | 14,235 15  | 167,928 40    | 16,930 21    |
| Vancouver, Victoria and Eastern              | 2,589 36     | 72,326 74     |            | 27,751 84     |              |
| Victoria Terminal Rly. and Ferry Co.         | 0 21         | 43 36         |            | 2 49          |              |
| Victoria and Sidney Rly. Co.                 | 3 40         | 659 31        |            | 33 93         |              |
| Wabash (in Canada)                           | 12,281 25    | 320,560 32    |            | 254,746 02    |              |
| Total  | 2,603,237 30 | 29,631,009 31 | 881,179,36 | 29,938,025 77 | 2,592,192 68 |

TABLE 7—Summary of Operating Expenses for the Year ending December 31, 1919—Continued  
 TABLEAU 7—Sommaire des frais d'exploitation pendant l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer      | Maintenance of Equipment—Continued—Entretien du matériel—Suite   |   |   |  |  |   |   |  |    |            |
|--|--|---|---|--|--|---|---|--|----|------------|
|  | Passenger-train Cars—Repairs<br>Wagons de voyageurs. Réparations | Passenger-train Cars—Renewals<br>Wagons de voyageurs. Renouvellements | Motor Equipment of Cars—Repairs<br>Moteurs de wagons. Réparations | Motor Equipment of Cars—Renewals<br>Moteurs de wagons. Renouvellements | Floating Equipment—Repairs<br>Matériel flottant. Réparations | Floating Equipment—Renewals<br>Matériel flottant. Renouvellements | Work Equipment—Repairs<br>Matériel servant aux travaux. Réparations | Work Equipment—Renewals<br>Matériel servant aux travaux. Renouvellements | \$ | cts.       |
| Algona Central and Hudson Bay.....           | 20,779 51  |   |   |  | 40,234 06  |   |   | 32,971 17  |    |            |
| Algona Eastern.....                          | 13,506 58  |   |   |  | 5,823 07   |   |   | 6,440 82   |    |            |
| Alberta and Great Waterways.....             | 4,082 24   |   |   |  | 48 77  |   |   | 362 82   |    |            |
| Atlantic, Quebec and Western.....            | 6,618 04   |   |   |  |  |   |   | 1,276 36   |    |            |
| Brandon, Sask. and Hudson Bay.....           | 2,785 98   |   |   |  |  |   |   | 2,069 38   |    |            |
| British Yukon.....                           | 958 07   |   |   |  |  |   |   | 1,630 82   |    |            |
| Canada and Gulf Terminal.....                | 1,964 19   |   |   |  |  |   |   |  |    |            |
| Canada Southern.....                         | 221,963 17   | 14,199 80   |   |  |  |   |   | 18,875 07  |    | 5,684 59   |
| Canadian National Ry's—                      |  |   |   |  |  |   |   |  |    |            |
| Intercolonial.....                           | 971,350 75   |   | 398 48  |  | 73,727 09  |   |   | 203,195 74   |    |            |
| Prince Edward Island.....                    | 28,447 04  |   | 19 98   |  | 42,408 63  |   |   | 11,734 22  |    |            |
| International of New Brunswick.....          | 5,492 61   |   |   | 6 74   |  |   |   | 9,669 02   |    |            |
| St. John and Quebec.....                     | 399 94   |   |   |  |  |   |   |  |    |            |
| Transcontinental.....                        | 427,460 47   |   | 78 73   |  |  |   |   | 199,626 09   |    |            |
| Elgin and Havelock.....                      | 519 40   |   |   | 0 81   |  |   |   | 604 42   |    |            |
| Moncton and Baie-touche.....                 | 1,433 67   |   | 0 98  |  |  |   |   | 2,889 38   |    |            |
| Salisbury and Albert.....                    | 1,793 57   |   |   | 1 84   |  |   |   | 3,721 12   |    |            |
| St. Martins.....                             | 599 92   |   | 0 90  |  |  |   |   | 306 83   |    |            |
| York and Carleton.....                       | 310 16   |   | 0 39  |  |  |   |   | 204 74   |    |            |
| Canadian Northern.....                       | 1,508,516 10   |   | 24 50   |  | 13,851 70  |   |   | 524,731 84   |    |            |
| Canadian Pacific.....                        | 5,817,016 39   | 1,186,477 92  |   |  | 141,232 86   |   |   | 794,835 26   |    | 499,994 98 |
| Cape Breton.....                             | 743 36   |   |   |  |  |   |   |  |    |            |
| Caraqueet and Gulf Shore.....                | 1,013 23   |   |   |  |  |   |   | 4,199 82   |    |            |
| Central Canada.....                          | 304 94   |   |   |  |  |   |   | 1,163 21   |    |            |
| Central Vermont.....                         | 2,503 22   |   |   |  |  |   |   | 2,247 11   |    |            |
| Crow's Nest Southern.....                    | 1,552 12   |   |   |  |  |   |   | 2,637 01   |    |            |
| Cumberland.....                              | 3,255 87   |   |   |  |  |   |   | 762 35   |    |            |
| Dominion Atlantic.....                       | 34,695 53  |   |   |  |  |   |   | 5,206 77   |    |            |
| Eastern British Columbia.....                | 293 46   |   |   |  |  |   |   |  |    |            |
| Edmonton, Dunvegan and British Columbia..... | 21,212 09  |   | 1,263 63  |  |  |   |   | 3,889 15   |    |            |

STEAM RAILWAY STATISTICS

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|  |                      |                     |                 |                  |                   |                     |                   |
|--|----------------------|---------------------|-----------------|------------------|-------------------|---------------------|-------------------|
| Essex Terminal.....                          | 28,276 07            | 32,000 00           |                 |                  |                   | 4,570 98            |                   |
| Esquimalt and Nanaimo.....                   | 143 01               |                     |                 |                  |                   | 274 94              |                   |
| Fredericton and Grand Lake Coal and Rly. Co. | 1,422,970 02         | 50,000 00           |                 |                  |                   | 543,800 50          |                   |
| Grand Trunk.....                             | 335,440 16           | 5,370 38            |                 |                  | 80,200 18         | 150,794 24          | 3,985 43          |
| Grand Trunk Pacific.....                     | 62,436 41            | 169 14              |                 |                  |                   | 2,841 41            | 10,963 80         |
| Grand Trunk Pacific Branch Lines.....        | 3,938 76             | Cr. 53 27           |                 |                  |                   | 847 61              | 31 01             |
| Hereford.....                                | 100 00               |                     |                 |                  |                   | 17,822 37           |                   |
| Kent Northern.....                           | 3,741 17             |                     |                 |                  |                   | 34 02               | 2 37              |
| Kettle Valley.....                           | 671 74               |                     |                 |                  |                   | 2,434 73            |                   |
| Loebnière and Mégantic.....                  | 779 76               | Cr. 10 20           |                 |                  |                   |                     |                   |
| Maime Central.....                           | 1,610 51             |                     |                 |                  |                   |                     |                   |
| Manitoba Great Northern.....                 |                      |                     |                 |                  |                   |                     |                   |
| Maritime Coal Rly. and Power Co.....         | 6,365 61             |                     |                 |                  |                   | 59 71               |                   |
| Massawippi Valley.....                       | 16,191 62            |                     |                 |                  |                   | 219 45              |                   |
| Midland of Manitoba.....                     | 2,091 22             | 70,010 66           |                 |                  |                   | 12 96               | 2,735 88          |
| Montreal and Atlantic.....                   |                      |                     |                 |                  |                   | 426 50              |                   |
| Morrissey, Fernie and Michel.....            | 77 79                |                     |                 |                  |                   | 243 10              | 1,800 51          |
| Naperville Junction.....                     | 1,690 43             |                     |                 |                  |                   | 347 46              |                   |
| Nelson and Fort Sheppard.....                | 129 13               |                     |                 |                  |                   | 1,295 60            |                   |
| New Brunswick Coal and Rly. Co.....          |                      |                     |                 |                  |                   | 7,019 22            | 176 52            |
| New Westminster Southern.....                | 3,038 04             |                     |                 |                  |                   | 25,621 75           |                   |
| Ottawa and New York.....                     | 20,216 17            |                     |                 |                  | 38,209 66         | 1,408 27            |                   |
| Père Marquette.....                          | 26,441 00            |                     |                 |                  |                   | 4,832 35            |                   |
| Pacific Great Eastern Rly. Co.....           | 40,716 92            | 24,868 94           |                 | 12,252 92        |                   | 1,179 79            |                   |
| Quebec Central.....                          | 9,484 39             |                     |                 |                  |                   | 1,007 82            |                   |
| Quebec, Montreal and Southern.....           | 4,122 06             |                     |                 |                  |                   | 268 61              |                   |
| Quebec Oriental.....                         | 23,541 46            |                     |                 |                  |                   | 45 00               |                   |
| Red Mountain.....                            | 2,833 00             |                     |                 | 5,291 00         |                   | Cr. 1,200 21        |                   |
| Roberval-Saguenay.....                       | 3,255 40             |                     |                 |                  |                   | 4,226 66            |                   |
| Rutland and Noyan.....                       | 4,911 39             |                     |                 |                  |                   | 2,584 98            |                   |
| St. Lawrence and Adirondack.....             | 7,495 83             |                     |                 |                  |                   | 27,650 10           | 4,825 32          |
| Sydney and Louisburg.....                    | 130,480 31           | 15,011 88           |                 |                  |                   |                     |                   |
| Témiscouata.....                             | 57 18                |                     |                 |                  |                   |                     |                   |
| Teniskaming and Northern Ontario.....        | 24,948 30            | 7,198 63            |                 |                  |                   | 16,512 07           | 1,331 94          |
| Thousand Islands.....                        | 17,764 32            |                     |                 |                  |                   | 12,339 42           |                   |
| Toronto, Hamilton and Buffalo.....           | 1 51                 |                     |                 |                  | 869 93            |                     |                   |
| Vancouver, Victoria and Eastern.....         | 23 59                |                     |                 |                  |                   |                     |                   |
| Victoria Terminal Rly. and Ferry Co.....     | 22,275 69            |                     |                 |                  | Cr. 28,135 56     |                     |                   |
| Victoria and Sidney Rly. Co.....             |                      |                     |                 |                  |                   |                     |                   |
| Wabash (in Canada).....                      |                      |                     |                 |                  |                   |                     |                   |
| <b>Total.....</b>                            | <b>11,329,831 59</b> | <b>1,405,243 88</b> | <b>1,787 59</b> | <b>17,553 34</b> | <b>408,530 39</b> | <b>2,683,252 04</b> | <b>531,532 35</b> |







TABLE 7—Summary of Operating Expenses for the Year ending December 31, 1919—Continued  
 TABLEAU 7—Sommaire des frais d'exploitation pendant l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer | Traffic Expenses—Dépenses du trafic |                                    |                          |  |                          |   |           |                               |    |       |
|---|-------------------------------------|------------------------------------|--------------------------|--|--------------------------|---|-----------|-------------------------------|----|-------|
|   | Super-<br>intendence<br>Gestion     | Outside<br>Agencies<br>extérieures | Advertising<br>Publicité | Traffic<br>Associa-<br>tions<br>de<br>trafic | Fast<br>Freight<br>Lines | Industrial<br>and<br>Immigration<br>Bureaus | Insurance | Stationery<br>and<br>Printing |    |       |
|   | \$                                  | \$                                 | \$                       | \$   | \$                       | \$  | \$        | \$                            | \$ | cts.  |
| Algoma Central and Hudson Bay           | 8,470 37                            | 143 00                             | 342 86                   | 278 77                                       |                          |   | 298 49    | 930 46                        |    |       |
| Algoma Eastern                          | 6,225 83                            |                                    | 28 65                    | 307 60                                       |                          |   | 129 01    | 659 36                        |    |       |
| Alberta and Great Waterways             | 898 76                              | 218 69                             | 63 56                    |  |                          |   |           | 48 77                         |    |       |
| Atlantic, Quebec and Western            | 739 59                              | 481 75                             | 112 31                   | 237 54                                       |                          | 102 25                                      | 1 01      | 275 55                        |    |       |
| Brandon, Sask. and Hudson Bay           | 802 72                              | 4,246 36                           | 872 59                   |  |                          |   |           | 181 07                        |    |       |
| British Yukon                           | 2,142 46                            |                                    | 71 45                    |  |                          |   |           | 26 43                         |    |       |
| Canada and Gulf Terminal                | 162,469 88                          | 30,332 33                          | 9,943 53                 | 21,622 04                                    | 1,989 11                 | 2,169 22                                    | 55 36     | 46,633 54                     |    |       |
| Canadian National Ry.—                  |                                     |                                    |                          |  |                          |   |           |                               |    |       |
| Intercolonial                           | 123,015 61                          | 116,529 89                         | 22,864 90                | 2,918 05                                     |                          |   | 600 38    | 25,934 55                     |    |       |
| Prince Edward Island                    | 5,782 21                            | 5,453 36                           | 1,120 44                 | 133 29                                       |                          |   | 30 54     | 1,220 93                      |    |       |
| International of New Brunswick          | 2,061 10                            | 1,897 25                           | 318 54                   | 54 67  |                          |   | 8 37      | 431 15                        |    |       |
| St. John and Quebec                     | 1,879 35                            |                                    | 1,067 84                 |  |                          |   |           |                               |    |       |
| Transcontinental                        | 57,328 16                           | 56,404 86                          | 13,513 03                | 4,065 97                                     |                          | 912 12                                      | 150 51    | 11,083 06                     |    |       |
| Edglin and Havelock                     | 265 17                              | 204 68                             | 8 19                     | 8 19   |                          |   | 0 90      | 45 00                         |    |       |
| Moncton and Baie-Croche                 | 314 07                              | 244 61                             | 30 67                    | 9 80   |                          |   | 0 98      | 53 06                         |    |       |
| Salisbury and Albert                    | 638 02                              | 450 28                             | 43 37                    | 21 54  |                          |   | 1 72      | 108 68                        |    |       |
| St. Martins                             | 272 44                              | 214 04                             | 27 09                    | 7 77   |                          |   | 0 89      | 50 27                         |    |       |
| York and Carleton                       | 115 61                              | 90 46                              | 11 30                    | 3 54   |                          |   | 0 39      | 21 29                         |    |       |
| Canadian Northern                       | 366,606 71                          | 284,227 44                         | 206,742 55               | 20,936 68                                    |                          | 75,939 67                                   | 44 98     | 67,360 41                     |    |       |
| Canadian Pacific                        | 857,940 99                          | 1,843,521 69                       | 735,490 41               | 60,887 63                                    |                          | 44,974 80                                   |           | 276,373 99                    |    |       |
| Cape Breton                             |                                     |                                    | 45 50                    |  |                          |   |           |                               |    |       |
| Caracquet and Gulf Shore                |                                     | 94 92                              |                          | 12 94  |                          |   |           |                               |    | 19 42 |
| Central Canada                          | 581 98                              |                                    | 9 95                     |  |                          |   |           |                               |    |       |
| Central Vermont                         | 3,008 03                            | 2,505 61                           | 174 41                   | 738 82                                       | 0 40                     |   | 10 00     | 2,571 73                      |    |       |
| Crow's Nest Southern                    | 922 61                              | 535 66                             | 82 07                    | 280 27                                       |                          | 107 75                                      | 0 84      | 358 53                        |    |       |
| Cumberland                              |                                     |                                    | 16 29                    | 19 90  |                          |   |           |                               |    |       |
| Dominion Atlantic                       | 17,502 30                           | 10,579 54                          | 10,221 56                | 446 44                                       |                          |   |           | 2,467 94                      |    |       |
| Eastern British Columbia                |                                     |                                    |                          |  |                          |   |           | 25 70                         |    |       |
| Edmonton, Dunvegan and British Columbia | 6,994 79                            | 2,936 03                           | 606 06                   | 502 51                                       |                          | 50 30                                       |           | 1,046 68                      |    |       |



TABLE 7—Summary of Operating Expenses for the Year ending December 31, 1919—Continued  
 TABLEAU 7—Sommaire des frais d'exploitation pendant l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer | Transportation Expenses—Rail Line.—Dépenses des transports par rail |  |                            |   |  |  |  |   |  |  |  |
|---|---|--|----------------------------|---|--|--|--|---|--|--|--|
|   | Other Expenses<br>Autres dépenses                                   | Total Traffic Expenses<br>Total des dépenses du trafic | Superintendence<br>Gestion | Despatching<br>Trains<br>Mise en mouvement des trains | Station Employees<br>Employés de gares | Weighing, Inspection and Demurrage<br>Bureaux<br>Bureaux d'inspection, de pesage et de surestaries | Coal and Ore Wharves.<br>Quais à houille et minerais | Station Supplies and Expenses<br>Fournitures et dépenses des stations |  |  |  |
|   | \$ cts.   | \$ cts.  | \$ cts.                    | \$ cts.   | \$ cts.                                | \$ cts.  | \$ cts.  | \$ cts.   |  |  |  |
| Algoma Central and Hudson Bay           |   |  |                            |   |  |  |  |   |  |  |  |
| Algonia Eastern                         |   | 10,463 95  | 24,359 05                  | 8,360 76  | 33,089 76                              | 755 91   | 36,608 32  | 5,177 93  |  |  |  |
| Alberta and Great Waterways             |   | 7,350 45   | 7,150 98                   | 3,642 37  | 11,165 27                              | 241 93   | 16,744 54  | 956 41  |  |  |  |
| Atlantic, Quebec and Western            | 7 16  | 1,236 94   | 3,657 60                   | 2,567 89  | 4,004 28                               | 8 85   |  | 340 59  |  |  |  |
| Brandon, Sask. and Hudson Bay           |   |  | 589 20                     | 978 22  | 11,528 28                              |  |  | 1,703 88  |  |  |  |
| British Yukon                           | 1 17  | 1,951 17   | 3,088 79                   | 1,164 47  | 15,430 99                              | 173 16   |  | 2,448 41  |  |  |  |
| Canada and Gulf Terminal                | 90 18   | 6,192 92   | 2,097 38                   | 862 77  | 11,265 57                              |  |  | 1,208 13  |  |  |  |
| Canada Southern                         |   | 2,240 34   | 941 96                     |   | 5,530 08                               |  |  | 973 19  |  |  |  |
| Canadian National Ry.—                  | 55 63   | 275,159 38   | 193,268 55                 | 24,942 99   | 379,581 06                             | 1,149 95   |  | 27,019 39   |  |  |  |
| Intercolonial                           | 130 30  | 291,993 68   | 196,749 79                 | 244,222 28  | 2,464,198 05                           | 1,957 12   |  | 244,989 91  |  |  |  |
| Prince Edward Island                    | 5 99  | 13,746 76  | 24,141 35                  | 8,461 45  | 156,705 73                             |  |  | 14,266 42   |  |  |  |
| International of New Brunswick          | 1 99  | 4,773 07   | 9,800 20                   | 2 85  | 17,297 10                              |  |  | 1,415 26  |  |  |  |
| St. John and Quebec                     |   | 2,047 19   | 2,682 31                   | 4 00  | 8,420 78                               |  |  | 1,101 26  |  |  |  |
| Transcontinental                        | 29 04   | 133,286 75   | 112,244 96                 | 253,994 87  | 372,637 72                             | 2,116 54   |  | 78,422 63   |  |  |  |
| Elgin and Havelock                      | 3 48  | 553 40   | 1,177 78                   | 1,220 79  | 1,272 45                               |  |  | 389 40  |  |  |  |
| Moncton and Buctouche                   | 3 96  | 657 15   | 1,215 04                   | 1,443 58  | 10,996 87                              |  |  | 488 96  |  |  |  |
| Salsbury and Albert                     | 0 46  | 1,264 07   | 1,267 78                   | 1,220 81  | 5,394 19                               |  |  | 125 04  |  |  |  |
| St. Martins                             | 0 22  | 572 72   | 1,186 12                   | 1,220 80  | 9,956 08                               |  |  | 216 65  |  |  |  |
| York and Carleton                       | 0 09  | 242 68   | 6 38                       |   | 2,273 29                               |  |  | 309,418 87  |  |  |  |
| Canadian Northern                       | 91 74   | 1,019,850 18   | 963,040 37                 | 369,834 56  | 4,353,221 87                           | 10,646 84  | 39 56  | 934,000 30  |  |  |  |
| Canadian Pacific                        | 10,497 05   | 3,829,686 56   | 1,973,944 71               | 1,145,553 39  | 11,316,638 55                          | 16,481 03  |  | 139 21  |  |  |  |
| Cape Breton                             |   | 45 50  |                            |   | 2,022 02                               |  |  | 976 40  |  |  |  |
| Caruquet and Gulf Shore                 | 45 00   | 45 00  |                            |   | 7,321 27                               |  |  | 156 55  |  |  |  |
| Central Canada                          | 2 46  | 721 67   | 2,215 24                   | 1,084 13  | 3,909 41                               |  |  | 4,617 88  |  |  |  |
| Central Vermont                         |   | 9,008 99   | 3,965 21                   | 2,585 61  | 47,834 03                              | 175 98   |  | 468 06  |  |  |  |
| Crow's Nest, Southern                   |   | 2,347 72   | 3,589 59                   | 1,374 69  | 11,628 34                              | 327 36   |  | 899 75  |  |  |  |
| Cumherland                              | 1 99  | 53 23  | 1,084 33                   | 1,023 00  | 9,041 83                               | 3,366 84   |  | 12,971 91   |  |  |  |
| Dominion Atlantic                       | 17 04   | 40,809 91  | 9,088 58                   | 11,544 96   | 160,462 54                             | 38 23  |  | 222 99  |  |  |  |
| Eastern British Columbia                | 407 87  | 25 70  | 800 00                     |   | 2,363 68                               |  |  | 3,699 36  |  |  |  |
| Edmonton, Dunvegan and British Columbia | 29 72   | 12,166 09  | 13,224 76                  | 6,611 73  | 30,280 54                              | 99 31  |  |   |  |  |  |

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|   |            |              |              |               |              |              |
|---|------------|--------------|--------------|---------------|--------------|--------------|
| Essex Terminal.....                         | 305 14     | 2,349 99     | 15,580 06    | 4,604 30      | 73 17        | 4,969 64     |
| Esquimaux and Nainaimo.....                 | 323 90     | 12,780 44    | 15,580 06    | 89,086 20     | 437 02       | 2,299 03     |
| Fredericton and Grand Lake Coal and Ry. Co. | 33 05      |              |              | 2,127 66      |              | 419,972 19   |
| Grand Trunk.....                            | 998,677 18 | 708,118 84   | 332,788 16   | 4,921,854 80  | 12,276 46    | 55,098 20    |
| Grand Trunk Pacific.....                    | 215,143 02 | 107,074 26   | 69,027 17    | 670,730 09    | 2,196 73 Cr. | 21,532 47    |
| Grand Trunk Pacific Branch Lines.....       | 78,551 25  | 36,563 54    | 31,780 34    | 233,207 06    | 521 33       | 2,669 75     |
| Hereford.....                               | 2,244 04   | 3,034 96     | 2,385 82     | 12,744 94     |              | 3,220 60     |
| Kent Northern.....                          | 225 00     |              |              | 2,606 69      |              | 491 20       |
| Kettle Valley.....                          | 6,240 08   | 6,883 44     | 11,419 97    | 40,364 08     | 46 06        | 1,901 83     |
| Loftbore and Megantic.....                  | 310 44     |              |              | 2,472 00      |              |              |
| Maine Central.....                          | 428 30     | 549 63       | 311 23       | 10,061 41     | 37 24        |              |
| Manitoba Great Northern.....                | 1,334 39   | 2,010 79     | 468 17       | 10,061 41     | 169 43       |              |
| Maritime Coal Ry. and Power Co.....         | 0 82       | 2,146 04     | 2,146 04     |               |              |              |
| Massachusetts Valley.....                   | 4,281 37   | 7,177 47     | 4,098 14     | 41,364 40     | 68 31        | 1,242 09     |
| Midland of Manitoba.....                    | 6,077 49   | 5,034 92     | 36 98        | 33,084 36     | 351 43       | 9,862 14     |
| Montreal and Atlantic.....                  |            | 20,864 26    | 12,563 93    | 146,789 14    | 39 96        | 12,684 05    |
| Morrissey, Fernie and Michel.....           |            | 2,400 60     |              | 2,493 10      |              | 19 35        |
| Napierville Junction.....                   | 2,586 74   | 2,000 44     | 1,507 64     | 12,773 43     | 23 33        | 1,333 00     |
| Nelson and Fort Sheppard.....               | 1,745 31   | 2,278 22     | 1,110 36     | 5,319 95      | 169 43       | 442 75       |
| New Brunswick Coal and Ry. Co.....          | 60 00      |              |              | 3,188 77      |              | 430 27       |
| New Westminster Southern.....               | 38 05      | 35 72        | 15 43        |               |              |              |
| Ottawa and New York.....                    | 7,859 42   | 1,864 88     | 4,021 15     | 43,777 31     | 51 72        | 1,627 65     |
| Pere Marquette.....                         | 52,011 20  | 58,337 83    | 17,916 09    | 188,902 36    | 1,725 63     | 9,513 79     |
| Pacific Great Eastern Ry. Co.....           | 5,779 43   | 8,876 48     | 4,884 73     | 38,055 58     | 103 79       | 2,439 88     |
| Quebec Central.....                         | 30,684 92  | 18,603 37    | 14,815 33    | 187,553 08    | 1,102 34     | 14,874 58    |
| Quebec, Montreal and Southern.....          | 10,977 46  | 13,096 90    | 4,207 13     | 67,076 02     | 246 89       | 4,467 27     |
| Quebec Oriental.....                        |            | 695 20       | 973 52       | 11,801 50     |              | 1,533 00     |
| Quebec Ry., Light and Power Co.....         | 7,806 54   | 249 15       | 5,910 37     | 38,674 66     | 160 14       | 4,117 20     |
| Red Mountain.....                           | 145 46     | 147 27       | 112 45       | 4,437 21      | 14 80        | 3,340 06     |
| Roberval-Saguenay.....                      | 2,714 00   | 1,906 00     | 1,225 00     | 11,945 00     | 7 00         | 3,632 00     |
| Rutland and Noyan.....                      |            |              |              | 653 21        | 4 53         | 51 39        |
| St. Lawrence and Adirondack.....            | 6,046 29   | 5,883 78     | 3,182 23     | 49,856 14     |              | 3,170 57     |
| Sydney and Louisburg.....                   | 3,227 50   | 3,083 67     | 13,208 53    | 51,947 93     | 54,219 92    | 3,895 15     |
| Temisconata.....                            | 6,714 10   | 4,293 07     | 3,329 90     | 20,279 31     | 432 02       | 1,806 33     |
| Teniskaming and Northern Ontario.....       | 19,189 89  | 27,381 94    | 22,340 12    | 263,122 32    | 772 54       | 37,855 85    |
| Thousand Islands.....                       |            | 600 00       |              | 8,481 80      | 64 49        | 841 99       |
| Toronto, Hamilton and Buffalo.....          | 36,620 34  | 49,823 12    | 22,882 05    | 255,306 20    | 888 56       | 12,552 20    |
| Vanover, Victoria and Eastern.....          | 7,704 96   | 12,622 66    | 4,783 46     | 240,082 59    | 847 94       | 19,188 10    |
| Victoria Terminal Ry. and Ferry Co.....     | 26 37      | 1,253 42     |              | 101 76        |              | 27 86        |
| Victoria and Sidney Ry. Co.....             | 306 91     |              |              | 1,449 22      |              | 284 34       |
| Wabash (in Canada).....                     | 56,434 26  | 37,091 27    |              | 31,103 63     | 7,432 76     | 1,493 88     |
| Total.....                                  | 16,311 98  | 4,725,437 16 | 2,704,152 10 | 27,236,950 46 | 122,706 34   | 53,381 42    |
|   |            |              |              |               |              | 2,306,774 37 |

TABLE 7—Summary of Operating Expenses for the Year ending December 31, 1919—Continued  
 TABLEAU 7—Sommaire des frais d'exploitation pendant l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer |            | Transportation expenses, Rail Line—Continued.—Dépenses des transports par rail—suite |  |   |  |   |   |   |   |  |  |
|---|------------|--|--|---|--|---|---|---|---|--|--|
|   |            | Yardmasters<br>and<br>Clerks<br>\$ cts.  | Yard<br>Conductors<br>and<br>Brakemen<br>\$ cts. | Yard,<br>Switch<br>and Signal<br>Tenders<br>\$ cts. | Yard<br>Engineers<br>Mécaniciens<br>des pares<br>\$ cts. | Yard<br>Motormen<br>Wattmen<br>des pares<br>\$ cts. | Fuel for<br>Yard<br>Locomotives<br>Combustible<br>pour<br>locomotives<br>des pares<br>\$ cts. | Yard<br>Switching<br>Power<br>Produced<br>\$ cts. | Yard<br>Switching<br>Power<br>Purchased<br>Achat de<br>force-motrice<br>pour<br>manœuvre<br>\$ cts. |  |  |
| Algoma Central and Hudson Bay           | 2,124 52   | 20,510 27  | 1,374 66   | 12,675 74   |  | 22,486 65   |   |   |   |  |  |
| Algoma Eastern                          | 1,110 62   |  |  |   |  |   |   |   |   |  |  |
| Alberta and Great Waterways             |            |  |  |   |  |   |   |   |   |  |  |
| Atlantic, Quebec and Western            |            |  |  |   |  |   |   |   |   |  |  |
| Brandon, Sask. and Hudson Bay           |            | 234 21   |  | 210 55  |  | 371 72  |   |   |   |  |  |
| British Yukon                           |            |  |  |   |  |   |   |   |   |  |  |
| Canada and Gulf Terminal                | 204,025 87 | 406,128 28   | 96,357 04  | 192,844 92  | 11,312 36  | 286,676 19  |   | 9,024 01  |   |  |  |
| Canada Southern                         |            |  |  |   |  |   |   |   |   |  |  |
| Canadian National Ry.—                  |            |  |  |   |  |   |   |   |   |  |  |
| Intercolonial                           |            |  |  |   |  |   |   |   |   |  |  |
| Prince Edward Island                    | 180,611 51 | 730,899 59   | 38,174 78  | 409,336 44  |  | 862,006 14  |   |   |   |  |  |
| International of New Brunswick          |            | 25,241 10  | 374 67   | 17,154 02   |  | 16,884 41   |   |   |   |  |  |
| St. John and Quebec                     |            | 38 73  | 68 81  |   |  |   |   |   |   |  |  |
| Transcontinental                        | 22 50      |  |  |   |  |   |   |   |   |  |  |
| Elgin and Havelock                      | 79,326 27  | 141,585 50   | 14,780 18  | 98,913 93   |  | 14 86   |   |   |   |  |  |
| Moncton and Bactouche                   |            |  |  |   |  | 216,481 97  |   |   |   |  |  |
| Saskatchewan and Alberta                |            |  |  |   |  |   |   |   |   |  |  |
| S4, Martins                             |            |  |  |   |  |   |   |   |   |  |  |
| York and Carleton                       |            |  |  |   |  |   |   |   |   |  |  |
| Canadian Northern                       | 285,377 91 | 945,584 30   | 25,726 33  | 580,865 91  |  | 898,861 57  |   |   |   |  |  |
| Canadian Pacific                        | 769,019 59 | 2,059,051 16   | 260,914 37                                       | 1,695,881 96  |  | 2,444,973 88  |   |   |   |  |  |
| Cape Breton                             |            |  |  |   |  |   |   |   |   |  |  |
| Caracquet and Gulf Shore                |            |  |  |   |  |   |   |   |   |  |  |
| Central Canada                          |            |  |  |   |  |   |   |   |   |  |  |
| Central Vermont                         | 362 41     | 6 74   | 1,213 64   | 4 32  |  | 44 34   |   |   |   |  |  |
| Crow's Nest Southern                    |            |  |  |   |  |   |   |   |   |  |  |
| Cumberland                              | 1,352 56   |  |  |   |  |   |   |   |   |  |  |
| Dominion Atlantic                       | 20,453 58  |  | 520 32   | 20,560 02   |  | 24,211 38   |   |   |   |  |  |
| Eastern British Columbia                |            |  |  |   |  |   |   |   |   |  |  |
| Edmonton, Dunvegan and British Columbia |            |  |  |   |  |   |   |   |   |  |  |
| Essex Terminal                          |            |  | 17 50  |   |  |   |   |   |   |  |  |

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|   |              |            |              |              |
|---|--------------|------------|--------------|--------------|
| Esquimaux and Nanaimo                       | 16,975 93    | 451 05     | 12,028 45    | 11,588 68    |
| Fredericton and Grand Lake Coal and Ry. Co. | 3,726 93     |            | 3,599 92     | 6,559 38     |
| Grand Trunk                                 | 1,376,808 36 | 364,399 18 | 1,025,043 06 | 1,712,319 84 |
| Grand Trunk Pacific                         | 151,305 10   | 14,268 74  | 99,528 19    | 164,141 46   |
| Grand Trunk Pacific Branch Lines            | 27,244 45    | 3,404 65   | 19,543 38    | 34,618 18    |
| Hereford                                    |              |            | 531 80       | 1,132 07     |
| Kent Northern                               | 4,779 22     |            | 5,181 53     | 4,870 03     |
| Kettle Valley                               |              |            |              |              |
| Loftbriere and Megantic                     |              |            |              |              |
| Maine Central                               |              |            |              |              |
| Manitoba Great Northern                     |              |            |              |              |
| Maritime Coal Ry. and Power Co.             |              |            |              |              |
| Massawippi Valley                           |              |            |              |              |
| Midland of Manitoba                         | 6,272 87     |            | 4,049 22     | 13,347 20    |
| Montreal and Atlantic                       | 15,642 24    | 617 06     | 9,756 86     | 16,729 04    |
| Morrissey, Ferme and Michel                 |              |            |              |              |
| Napierville Junction                        |              |            |              |              |
| Nelson and Fort Sheppard                    |              |            |              |              |
| New Brunswick Coal and Ry. Co.              |              |            |              |              |
| New Westminster Southern                    | 5,813 26     | 676 35     | 4,129 74     | 6,997 91     |
| Ottawa and New York                         | 54,366 66    | 2,411 51   | 36,046 68    | 52,099 29    |
| Pere Marquette                              | 1,555 61     |            | 2,491 14     | 5,338 70     |
| Pacific Great Eastern Ry. Co.               | 5,497 45     |            | 4,068 75     | 7,974 00     |
| Quebec Central                              |              |            |              |              |
| Quebec, Montreal and Southern               |              |            |              |              |
| Quebec Oriental                             |              |            |              |              |
| Quebec Ry., Light and Power Co.             | 3,894 97     | 8,063 70   | 1,830 49     | 2,810 15     |
| Red Mountain                                |              |            |              |              |
| Roberval-Saguenay                           | 14,216 00    | 92 00      | 5,325 00     | 9,980 00     |
| Rutland and Noyan                           | 113 65       | 42 32      | 78 19        | 101 26       |
| St. Lawrence and Adirondack                 |              |            |              |              |
| Sydney and Louisburg                        | 102,159 40   | 289 23     |              |              |
| Temisconata                                 |              |            |              |              |
| Temiskaming and Northern Ontario            | 58,249 79    | 3,020 85   | 38,800 75    | 73,851 36    |
| Thousand Islands                            |              |            |              |              |
| Toronto, Hamilton and Buffalo               | 53,111 85    | 8,355 25   | 50,427 75    | 93,328 76    |
| Vancouver, Victoria and Eastern             | 25,214 74    | 1,257 11   | 18,469 15    | 34,223 61    |
| Victoria Terminal Ry. and Ferry Co.         |              |            |              |              |
| Victoria and Sidney Ry. Co.                 |              |            |              |              |
| Wabash (in Canada)                          | 243 24       |            | 165 24       | Cr. 243 54   |
| Total                                       | 2,427,183 37 | 847,471 90 | 4,367,321 10 | 7,051,810 49 |
|   |              |            | 14,202 65    | 9,024 01     |





STEAM RAILWAY STATISTICS

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|   |            |           |           |              |            |              |               |
|---|------------|-----------|-----------|--------------|------------|--------------|---------------|
| Esquimalt and Nanaimo.....                  | 128 50     | 146 43    | 156 21    | 2,984 35     | 124 82     | 287,959 11   | 53,404 27     |
| Fredericton and Grand Lake Coal and Ry. Co. |            | 163 58    |           |              |            |              | 7,524 76      |
| Grand Trunk.....                            | 50,134 33  | 15,987 73 | 26,268 47 | 428,373 88   | 33,079 78  | 1,213,827 73 | 2,913,909 13  |
| Grand Trunk Pacific.....                    | 4,840 09   | 2,311 83  | 2,384 03  | 33,092 04    | 2,434 56   | 185,370 02   | 454,844 20    |
| Grand Trunk Pacific Branch Lines.....       | 759 14     | 770 02    | 217 65    | 3,458 78     | 499 80     |              | 182,888 55    |
| Hereford.....                               | 27 39      | 10 90     | 4 89      |              |            |              | 12,324 42     |
| Kent Northern.....                          |            |           |           |              |            |              |               |
| Kettle Valley.....                          |            | 197 02    | 117 61    | 1,460 72     | 2 04       | 10,799 19    | 60,851 98     |
| Leobmiere and Megantic.....                 |            |           |           |              |            |              | 2,266 25      |
| Maine Central.....                          |            |           |           |              |            | 1,460 25     | 2,311 56      |
| Manitoba Great Northern.....                |            |           |           |              |            |              | 6,008 59      |
| Martine Coal Ry. and Power Co.              |            |           |           |              |            |              |               |
| Massachusetts Valley.....                   |            |           |           |              |            |              |               |
| Midland of Manitoba.....                    | 807 19     | 125 02    | 145 37    | 3,029 75     | 9 60       | 1,865 45     | 26,100 76     |
| Montreal and Atlantic.....                  | 182 03     | 147 54    | 363 90    | 3,470 66     | 853 34     | 4,639 60     | 19,836 11     |
| Morrissey, Fernie and Michel.....           |            |           |           |              | 186 05     | 98,012 75    | 124,377 78    |
| Napierville Junction.....                   |            |           |           |              |            | 2,114 72     | 9,476 20      |
| Nelson and Fort Sheppard.....               |            |           |           |              |            | 7,590 90     | 27,064 80     |
| New Brunswick Coal and Ry. Co.              |            |           |           |              |            |              | 8,328 67      |
| New Westminster Southern.....               |            |           |           |              |            |              | 4,895 97      |
| Ottawa and New York.....                    |            | 115 77    | 1 47      |              |            |              | 243 60        |
| Pere Marquette.....                         | 2,296 60   | 873 84    | 851 35    | 30,983 13    | 501 40     | 15,353 79    | 30,234 62     |
| Pacific Great Eastern Ry. Co.               | 356 11     | 177 37    | 177 37    | 5,457 84     |            | 83,879 50    | 156,653 16    |
| Quebec Central.....                         | 53 96      | 279 57    | 58 81     |              |            | 13,637 57    | 38,773 93     |
| Quebec, Montreal and Southern.....          |            |           |           |              |            |              | 125,392 45    |
| Quebec Oriental.....                        |            |           |           |              |            |              | 31,975 83     |
| Quebec Ry., Light and Power Co.             |            |           |           |              |            |              | 15,378 20     |
| Red Mountain.....                           |            |           | 4 85      | 347 10       | 422 99     |              | 3,297 18      |
| Roberval-Saguenay.....                      |            |           |           |              |            |              | 3,359 26      |
| Rutland and Noyan.....                      |            | 402 00    |           | 4,265 00     | 164 00     |              | 8,138 00      |
| St. Lawrence and Adirondack.....            | 3 13       | 2 77      | 1 20      | 31 61        | 1 32       |              | 440 93        |
| Sydney and Louisburg.....                   |            |           |           |              |            | 189,235 96   | 52,245 25     |
| Temiscouata.....                            |            |           |           |              |            |              | 94,072 36     |
| Thousand Islands.....                       | 693 21     | 500 68    | 586 39    | 24,526 67    | 1,450 04   | 1,200 00     | 20,275 28     |
| Thousand Islands and Northern Ontario.....  |            |           |           |              | 44 88      |              | 178,661 48    |
| Toronto, Hamilton and Buffalo.....          | 2,599 25   | 1,246 53  | 851 56    | 16,983 06    | 998 00     | 10,595 47    | 4,220 77      |
| Vancouver, Victoria and Eastern.....        | 363 41     | 193 32    | 112 14    | 3,934 72     | 167 24     | 3,412 91     | 56,956 75     |
| Victoria Terminal Ry. and Ferry Co.         |            |           |           |              |            |              | 40,462 79     |
| Victoria and Sidney Ry. Co.                 |            |           |           |              |            |              | 88 09         |
| Wabash (in Canada).....                     | 22 28      | 1 01      | 0 66      |              |            | 658,013 92   | 1,313 94      |
| Total.....                                  | 234,957 97 | 67,324 69 | 95,847 56 | 2,148,863 11 | 194,560 50 | 3,839,433 85 | 133,838 02    |
|   |            |           |           |              |            | 2,361,427 13 | 18,535,163 88 |



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|   |              |            |            |            |              |
|---|--------------|------------|------------|------------|--------------|
| Esquimalt and Nanaimo.....                  | 120,362 58   | 2,564 13   | 688 30     | 1,045 24   | 22,055 95    |
| Fredericton and Grand Lake Coal and Ry. Co. | 12,288 32    | 9 89       | 356 22     | 1,309 30   | 2,495 03     |
| Grand Trunk.....                            | 7,492 954 54 | 283,534 79 | 68,984 71  | 82,211 17  | 1,213,442 02 |
| Grand Trunk Pacific.....                    | 1,210,243 16 | 129,135 79 | 16,267 71  | 12,823 99  | 214,655 03   |
| Grand Trunk Pacific Branch Lines            | 356,487 42   | 56,533 80  | 6,326 58   | 5,929 97   | 87,817 83    |
| Hereford.....                               | 52,570 08    | 1,341 89   | 586 27     | 588 97     | 9,289 23     |
| Kent Northern.....                          | 7,942 45     |            |            |            |              |
| Kettle Valley.....                          | 146,501 65   | 3,836 12   | 3,504 45   | 1,798 66   | 20,959 87    |
| Lotbiniere and Megantic.....                | 8,137 48     |            | 139 85     | 176 91     | 1,797 63     |
| Maine Central.....                          | 6,119 00     | 165 75     | 60 91      | 67 14      | 1,613 07     |
| Manitoba Great Northern.....                | 13,179 07    | 621 07     | 59 98      | 122 03     | 1,524 52     |
| Maritime Coal Ry. and Power Co.             | 23,625 00    | 2,625 45   | 454 85     | 286 39     | 1,682 86     |
| Massachusetts Valley.....                   | 46,989 30    | 1,303 21   | 375 27     | 551 22     | 11,397 90    |
| Midland of Manitoba.....                    | 60,412 85    | 4,038 74   | 427 39     | 508 37     | 8,941 01     |
| Montreal and Atlantic.....                  | 220,754 31   | 4,185 83   | 1,722 53   | 4,633 09   | 39,806 48    |
| Morrissey, Fermie and Michel.....           | 10,480 48    | 246 00     | 334 04     | 334 04     | 4,004 31     |
| Napierville Junction.....                   | 48,995 72    | 2,395 73   | 630 80     | 764 61     | 4,004 31     |
| Nelson and Fort Sheppard.....               | 16,571 40    | 231 80     | 131 05     | 200 59     | 21,927 57    |
| New Brunswick Coal and Ry. Co.              | 6,616 48     | 651 68     | 113 98     | 2,761 44   | 2,761 44     |
| New Westminster Southern.....               | 207 51       |            | 4 29       | 1 10       | 2,198 02     |
| Ottawa and New York.....                    | 83,207 89    | 2,343 59   | 907 46     | 521 57     | 12,777 78    |
| Pere Marquette.....                         | 434,920 37   | 18,479 94  | 4,029 71   | 5,030 96   | 45,629 08    |
| Pacific Great Eastern Ry. Co.               | 82,335 14    | 4,131 70   | 3,332 08   | 1,606 67   | 40,486 73    |
| Quebec Central.....                         | 373,345 19   | 585 08     | 5,070 70   | 1,117 62   | 47,383 75    |
| Quebec, Montreal and Southern.....          | 102,166 53   | 5,193 43   | 1,028 01   | 1,621 83   | 24,022 92    |
| Quebec Oriental.....                        | 63,671 98    | 334 84     | 1,726 45   | 144 16     | 11,154 05    |
| Quebec Ry., Light and Power Co.             | 15,312 60    | 254 80     | 269 57     | 8 00       | 1,884 89     |
| Red Mountain.....                           | 3,046 09     | 33 04      | 26 66      | 323 00     | 784 63       |
| Roberval-Saguenay.....                      | 44,309 00    | 1,468 00   | 890 00     | 323 00     |              |
| Rutland and Noyan.....                      | 1,012 32     | 22 00      | 21 24      | 15 56      | 224 15       |
| St. Lawrence and Adirondack.....            | 174,769 12   | 1,568 19   | 1,095 87   | 698 64     | 24,989 92    |
| Sydney and Louisburg.....                   | 91,574 27    | 5,640 57   | 7,113 90   | 6,446 99   | 24,363 50    |
| Temisouata.....                             | 62,007 91    | 476 18     | 1,544 86   | 363 65     |              |
| Temiskaming and Northern Ontario.....       | 445,976 31   | 29,138 91  | 4,737 14   | 5,628 81   | 74,335 56    |
| Thousand Islands.....                       | 7,649 00     | 50 00      | 272 86     | 0 25       | 243 22       |
| Toronto, Hamilton and Buffalo.....          | 133,126 74   | 8,870 22   | 3,255 14   | 2,489 20   | 47,968 73    |
| Vancouver, Victoria and Eastern.....        | 124,787 66   | 3,250 90   | 531 89     | 776 79     | 15,097 67    |
| Victoria Terminal Ry. and Ferry Co.         | 288 22       | 6 30       | 2 85       | 32 73      | 11 40        |
| Victoria and Sidney Ry. Co.                 | 4,511 96     | 84 65      | 63 73      | 0 85       | 175 93       |
| Wabash (in Canada).....                     | 338,002 42   | 29,289 55  | 3,617 34   | 7,976 53   | 87,530 08    |
| Total.....                                  | 79,155 36    | 46,710 21  | 487,181 67 | 560,559 73 | 8,194,531 66 |

TABLE 7—Summary of Operating Expenses for the Year ending December 31, 1919—Continued  
 TABLEAU 7—Sommaire des frais d'exploitation pendant l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer      | Transportation Expenses, Rail Lines—Continued—Dépenses des transports par rail—suite. |   |   |  |   |  |  |   |        |      |
|--|---|---|---|--|---|--|--|---|--------|------|
|  | Trainmen<br>Employés de trains  | Train Supplies and Expenses<br>Fournitures des trains et dépenses | Operating Sleeping Cars<br>Exploitation des wagons-lits | Signal and Interlocking Operations<br>Signaux et appareils d'enclenchement | Crossing Protection<br>Protection des passages à niveau | Drawbridge Operation<br>Fonctionnement des ponts tournants | Telegraph and Telephone Operation<br>Exploitation des lignes télégraphiques et téléphoniques | Operating Floating Equipment<br>Exploitation du matériel flottant |        |      |
|  | \$  | cts.  | \$  | cts.   | \$  | cts.   | \$   | cts.  | \$     | cts. |
| Algonia Central and Hudson Bay.....          | 62,495  | 88  | 20,909  | 99   | 4   | 15   | 7  | 64  | 171    | 85   |
| Algonia Eastern.....                         | 30,890  | 21  | 4,742   | 70   | 595   | 49   | 1,141  | 51  | 63     | 51   |
| Alberta and Great Waterways.....             | 12,667  | 12  | 4,741   | 79   | 566   | 00   | 146  | 25  | 950    | 79   |
| Atlantic, Quebec and Western.....            | 13,259  | 80  | 3,044   | 82   | 8,574   | 16   | 5,541  | 58  | 21,044 | 62   |
| Brandon, Sask. and Hudson Bay.....           | 9,012   | 87  | 4,852   | 73   | 118,438   | 66   | 38,182   | 33  | 2,594  | 52   |
| British Yukon.....                           | 4,117   | 64  | 696   | 71   | 7,842   | 08   | 991  | 90  | 2,380  | 99   |
| Canada and Gulf Terminal.....                | 3,965   | 45  | 1,036   | 08   | 2,435   | 08   | 11   | 50  | 8      | 07   |
| Canada Southern.....                         | 540,519   | 35  | 392,196   | 38   | 18,789  | 43   | 3,472  | 77  | 15,620 | 58   |
| Canadian National Ry.s.—                     |   |   |   |  |   |  |  |   |        |      |
| Boreas.....                                  | 1,787,090   | 63  | 525,456   | 62   | 220,615   | 14   | 7,842  | 08  | 5,994  | 98   |
| Prince Edward Island.....                    | 91,329  | 31  | 22,995  | 31   | 7,842   | 08   | 991  | 90  | 950    | 12   |
| International of New Brunswick.....          | 36,497  | 74  | 6,865   | 38   | 2,435   | 08   | 11   | 50  | 2,380  | 99   |
| St. John and Quebec.....                     | 19,436  | 43  | 3,595   | 58   | 250   | 00   | 4  | 64  | 8      | 07   |
| Transcontinental.....                        | 634,985   | 03  | 229,979   | 82   | 22,393  | 92   | 3,472  | 77  | 15,620 | 58   |
| Tigon and Havelock.....                      | 5,450   | 40  | 736   | 93   | 18,789  | 43   | 7,842  | 08  | 5,994  | 98   |
| Moncton and Baieouche.....                   | 7,002   | 90  | 778   | 98   | 7,842   | 08   | 991  | 90  | 950    | 12   |
| Saskiury and Albert.....                     | 12,322  | 61  | 1,265   | 96   | 2,435   | 08   | 11   | 50  | 2,380  | 99   |
| St. Martins.....                             | 4,867   | 69  | 4,867   | 51   | 250   | 00   | 4  | 64  | 8      | 07   |
| York and Carleton.....                       | 4,750   | 04  | 388   | 66   | 18,789  | 43   | 7,842  | 08  | 5,994  | 98   |
| Canadian Northern.....                       | 3,213,297   | 35  | 1,469,244   | 91   | 22,393  | 92   | 3,472  | 77  | 15,620 | 58   |
| Cape Breton.....                             | 7,409,274   | 40  | 3,276,953   | 55   | 229,979   | 82   | 22,393   | 92  | 22,393 | 92   |
| Caracquet and Gulf Shore.....                | 2,331   | 82  | 106   | 65   | 229,979   | 82   | 22,393   | 92  | 22,393 | 92   |
| Central Canada.....                          | 13,082  | 46  | 1,217   | 36   | 229,979   | 82   | 22,393   | 92  | 22,393 | 92   |
| Central Vermont.....                         | 30,237  | 59  | 6,905   | 33   | 229,979   | 82   | 22,393   | 92  | 22,393 | 92   |
| Crow's Nest Southern.....                    | 19,624  | 69  | 6,529   | 31   | 229,979   | 82   | 22,393   | 92  | 22,393 | 92   |
| Cumberland.....                              | 13,114  | 34  | 98  | 60   | 229,979   | 82   | 22,393   | 92  | 22,393 | 92   |
| Eastern Atlantic.....                        | 113,984   | 51  | 42,537  | 69   | 229,979   | 82   | 22,393   | 92  | 22,393 | 92   |
| Eastern British Columbia.....                | 4,911   | 88  | 48  | 38   | 229,979   | 82   | 22,393   | 92  | 22,393 | 92   |
| Edmonton, Dunvegan and British Columbia..... | 75,281  | 15  | 22,370  | 02   | 229,979   | 82   | 22,393   | 92  | 22,393 | 92   |
| Essex Terminal.....                          | 7,562   | 45  | 7,562   | 45   | 229,979   | 82   | 22,393   | 92  | 22,393 | 92   |

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|--|---------------|--------------|------------|------------|------------|------------|--------------|
| Ferriault and Nanaimo.....                 | 58,170 48     | 11,503 13    | 1,524.10   | 1,186 47   | 3,110 96   | 192 32     |              |
| Fredricton and Grand Lake Coal and Ry. Co. | 7,466 60      | 1,774 79     |            |            |            |            |              |
| Grand Trunk.....                           | 3,141,003 19  | 1,242,080 18 | 30,771 41  | 349,199 35 | 73,732 61  | 60,941 54  | 291,906 38   |
| Grand Trunk Pacific.....                   | 501,300 85    | 192,782 92   | 45,475 66  | 15 00      |            | 39,864 38  | 3 20         |
| Grand Trunk Pacific Branch Lines.....      | 192,000 19    | 112,311 86   | 59,866 15  |            |            | 7,110 12   | 1 60         |
| Kent.....                                  | 13,951 61     | 4,334 89     | 1,389 84   |            |            |            |              |
| Kent Northern.....                         | 3,031 65      |              |            |            |            |            |              |
| Kettle Valley.....                         | 55,274 92     | 18,131 62    | 5,092 10   |            |            | 241 28     |              |
| Lothbriere and Megantic.....               | 3,178 10      | 920 40       |            |            |            |            |              |
| Maine Central.....                         | 2,378 62      | 788 56       |            |            |            |            |              |
| Manitoba Great Northern.....               | 7,554 33      | 3,282 14     | 9,771 78   |            |            | 168 66     |              |
| Maritime Coal Ry. and Power Co.            | 13,231 83     | 239 60       |            |            |            | 264 29     |              |
| Massawippi Valley.....                     | 30,853 92     | 6,572 93     | 1 20       | 788 71     |            | 9 47       |              |
| Midland of Manitoba.....                   | 21,650 71     | 12,920 06    |            |            |            | 1,651 07   |              |
| Montreal and Atlantic.....                 | 110,765 48    | 22,781 17    | 2,612 58   | 2,632 13   |            | 34 72      |              |
| Morrissey, Fernie and Michel.....          | 12,428 51     | 345 25       |            |            |            |            |              |
| Naperville Junction.....                   | 21,261 18     | 2,221 22     | 3,706 07   |            |            | 133 68     |              |
| Nelson and Fort Sheppard.....              | 8,340 20      | 4,496 99     |            |            |            | 429 88     |              |
| New Brunswick Coal and Ry. Co.             | 5,290 01      | 101 04       |            |            | 506 31     |            |              |
| New Westminster Southern.....              | 767 62        |              |            |            |            |            |              |
| Ottawa and New York.....                   | 30,067 28     | 7,277 88     |            |            |            | 1 40       |              |
| Pacific Great Eastern Ry. Co.              | 179,445 44    | 12,951 42    | 9,621 61   | 23 70      | 1,286 10   | 0 46       |              |
| Pacific Central.....                       | 45,327 30     | 7,900 61     | 11,020 50  | 7,551 91   | 1,286 25   | 10,411 65  | 41,200 79    |
| Quebec.....                                | 133,271 62    | 30,384 11    | 737 94     |            |            |            |              |
| Quebec Central.....                        | 40,446 81     | 11,556 63    |            |            |            |            |              |
| Quebec Oriental.....                       | 19,907 85     | 3,131 39     |            |            |            |            |              |
| Quebec Ry., Light and Power Co.            | 34,642 55     | 6,303 55     | 13,250 92  |            | 793 61     | 6,634 55   |              |
| Red Mountain.....                          | 4,024 79      | 415 84       | 1 63       |            |            | 651 38     |              |
| Roberval-Saguenay.....                     | 10,673 00     | 2,069 00     |            |            | 584 07     | 377 62     |              |
| Rutland and Noyan.....                     | 542 65        | 145 83       |            |            |            | 36 19      |              |
| St. Lawrence and Adirondack.....           | 69,458 92     | 8,436 99     |            | 11 26      |            | 114 00     |              |
| Sydney and Louisburg.....                  | 23,338 43     | 2,088 12     | 239 97     | 129 06     |            | 5 81       |              |
| Teniscouata.....                           | 195,842 68    | 58,147 43    |            | 967 80     |            |            |              |
| Teniskaming and Northern Ontario.....      | 2,016 69      | 298 61       |            | 3 60       |            | 1,419 32   |              |
| Toronto, Hamilton and Buffalo.....         | 63,807 69     | 45,961 59    | 16,552 91  | 26,765 56  |            | 2,293 38   |              |
| Vancouver, Victoria and Eastern.....       | 49,346 60     | 19,758 28    | 13,940 29  | 2,209 02   | 2,304 89   | 791 25     | 5,723 62     |
| Victoria Terminal Ry. and Ferry Co.        | 59 57         | 10 12        |            | 4 43       |            |            |              |
| Victoria and Sidney Ry. Co.                | 1,032 11      | 124 29       |            | 69 32      |            |            |              |
| Wabash (in Canada).....                    | 151,313 67    | 86,819 18    | 0 34       |            |            | 721 42     |              |
| Total.....                                 | 19,456,719 46 | 7,995,578 44 | 818,566 70 | 682,691 49 | 157,791 37 | 608,431 86 | 1,009,879 87 |

TABLE 7—Summary of Operating Expenses for the Year ending December 31, 1919—Continued  
 TABLEAU 7—Sommaire des frais d'exploitation pendant l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer | Transportation Expenses, Rail Line—Continued—Dépenses des transports par rail—suite |   |                                   |   |   |                        |  |   |  |  |
|---|---|---|-----------------------------------|---|---|------------------------|--|---|--|--|
|   | Express Service<br>Service des messageries  | Stationery and Printing<br>Impressions et papeterie | Other Expenses<br>Autres dépenses | Joint Tracks and facilities—Dr.<br>Exploitation des voies en commun | Joint Tracks and facilities—Ct.<br>Exploitation des voies en commun | Insurance<br>Assurance | Cleaning Wrecks<br>Enlèvement des débris | Damage to Property<br>Dommages à la propriété |  |  |
|   | \$ cts.   | \$ cts.   | \$ cts.                           | \$ cts.   | \$ cts.   | \$ cts.                | \$ cts.                                  | \$ cts.                                       |  |  |
| Algoma Central and Hudson Bay           |   | 3,401 09  | 472 10                            |   |   | 5,348 63               | 12,718 52                                | 199 14  |  |  |
| Algoma Eastern                          |   | 2,374 50  | 560 27                            | 721 65  |   | 2,233 53               | 2,030 44                                 | 833 35  |  |  |
| Alberta and Great Waterways             |   | 470 95  | 7 99                              |   |   | 375 73                 | 1,156 66                                 | 175 00  |  |  |
| Atlantic, Quebec and Western            |   | 455 00  | 92 85                             |   |   |                        | 189 23                                   |   |  |  |
| Brandon, Sask. and Hudson Bay           |   | 447 90  | 37 82                             |   |   | 164 57                 | 28 45                                    | 45 04   |  |  |
| British Yukon                           |   | 279 18  | 1,191 94                          |   |   |                        | 3 58                                     |   |  |  |
| Canada and Gulf Terminal                | 2,281 44  | 757 60  |                                   | 2,542 33  |   |                        |  |   |  |  |
| Canada Southern                         |   | 40,048 28   | 11,812 84                         | 27,491 86   | 44,312 70   | 293 98                 | 18,880 74                                | 6,555 98                                      |  |  |
| Canadian National Ry.—                  |   |   |                                   |   |   |                        |  |   |  |  |
| Intercolonial                           |   | 118,385 58  | 3,050 21                          | 44,861 52   | 11,909 00   | 4,161 67               | 122,917 08                               | 17,979 76                                     |  |  |
| Prince Edward Island                    |   | 7,729 21  | 346 26                            |   |   | 327 90                 | 3,834 20                                 | 1,154 30                                      |  |  |
| International of New Brunswick          |   | 565 88  |                                   |   |   | 37 07                  | 11,437 61                                | 51 05   |  |  |
| S. Jolin and Quebec                     |   | 460 36  | Ct.                               |   |   | 46 95                  | 220 85                                   |   |  |  |
| Transcontinental                        |   | 25,838 12   | 25 00                             | 857 92  | 26,733 09   | 3,315 77               | 70,490 40                                | 1,217 83                                      |  |  |
| Edin and Havelock                       |   | 82 91   | 1 56                              |   |   | 584 66                 |  |   |  |  |
| Moncton and Buctouche                   |   | 261 15  |                                   |   |   | 18 15                  | 1,461 41                                 |   |  |  |
| Salisbury and Albert                    |   | 193 36  |                                   |   |   | 31 38                  | 1,444 28                                 |   |  |  |
| St. Martins                             |   | 129 31  |                                   |   |   | 8 58                   | 465 18                                   |   |  |  |
| York and Carleton                       |   | 103 73  |                                   |   |   | 5 17                   | 203 52                                   |   |  |  |
| Canadian Northern                       | 29,236 51   | 182,255 56  | 13,925 89                         | 27,079 50   | 3,539 26  | 47,959 07              | 387,579 36                               | 31,688 12                                     |  |  |
| Canadian Pacific                        |   | 386,403 14  | 76,525 18                         | 262,142 69  | 107,443 17  |                        | 237,343 95                               | 85,563 89                                     |  |  |
| Cape Breton                             |   |   |                                   |   |   |                        |  |   |  |  |
| Caracquet and Gulf Shore                |   |   |                                   |   |   |                        |  |   |  |  |
| Central Canada                          |   | 365 16  | 2 88                              |   |   | 354 37                 | 353 94                                   |   |  |  |
| Central Vermont                         |   | 2,441 57  |                                   |   |   | 36 42                  | 75 81                                    | 72 80   |  |  |
| Crow's Nest Southern                    |   | 563 31  | 451 68                            |   |   | 48 09                  | 377 01                                   | 2,381 16                                      |  |  |
| Cumberland                              |   | 952 20  | 3,872 33                          |   |   |                        | 6 30                                     | 30 00   |  |  |
| Dominion Atlantic                       |   | 6,412 18  | Ct.                               |   |   |                        | 5,908 36                                 | 1,353 05                                      |  |  |
| Eastern British Columbia                |   | 245 51  | 25 00                             |   |   |                        | 30 65                                    |   |  |  |
| Edmonton, Dunvegan and British Columbia |   | 5,287 33  | 1,797 50                          | 263 90  |   | 6,677 60               | 11,662 06                                | 870 90  |  |  |
| Essex Terminal                          |   | 209 39  |                                   |   |   |                        | 7 89                                     | 97 48   |  |  |

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|---|--------------|------------|------------|------------|------------|--------------|------------|
| Esquimalt and Nanaimo.....                  | 7,835 36     | 7,707 22   | 25,572 61  | 284,060 72 | 69,947 30  | 1,044 17     | 30 00      |
| Fredericton and Grand Lake Coal and Ry. Co. | 351 16       | 55,734 82  | 9,984 67   | 10,363 05  | 7,105 63   | 60 20        | 3 95       |
| Grand Trunk.....                            | 229,066 70   | 7,720 20   | 11 80      |            | 1,017 45   | 190,853 78   | 34,988 32  |
| Grand Trunk Pacific.....                    | 45,064 80    | 2,563 64   | 408 42     |            | 39 94      | 28,947 61    | 8,661 56   |
| Grand Trunk Pacific Branch Lines            | 15,646 59    |            |            |            |            | 10,831 54    | 380 64     |
| Hereford.....                               | 1,112 50     |            |            |            |            | 1,587 92     |            |
| Kent Northern.....                          |              |            |            |            |            |              |            |
| Kettle Valley.....                          | 3,842 64     | 48 33      | 288 92     | 1,000 69   | 1,707 08   | 6,312 18     | 512 93     |
| Lobriere and Megantic.....                  | 203 23       | 26 72      | 10 00      | 456 00     |            |              |            |
| Maine Central.....                          | 184 44       | 75 75      |            |            | 5 98       |              |            |
| Manitoba Great Northern.....                | 296 02       | 37 45      |            |            | 64 82      | 337 05       | 1 40       |
| Maritime Coal Ry. and Power Co.             | 312 60       |            |            |            |            | 12 12        |            |
| Massawippi Valley.....                      | 154 30       | 56 86      | 3,096 51   |            | 17 41      |              | 737 49     |
| Midland of Manitoba.....                    | 1,963 20     | 919 65     | 24,046 68  |            | 351 02     | 245 84       | 92 83      |
| Montreal and Atlantic.....                  | 6,481 61     | 220 32     | 4,784 28   | 385 57     |            | 1,845 84     | 57 00      |
| Morrissey, Fernie and Michel                |              | 925 98     |            | 12 95      |            | 234 52       |            |
| Napierville Junction.....                   | 825 86       | 384 87     | 3,075 74   | 631 21     | 15 00      | 652 48       | 50 00      |
| Nelson and Fort Sheppard                    | 400 56       | 69 77      |            |            | 34 48      | 46 03        | 256 03     |
| New Brunswick Coal and Ry. Co.              | 136 97       | 21 06      |            |            |            | 15 20        |            |
| New Westminster Southern                    |              | 6 87       |            |            |            | 15 47        |            |
| Ottawa and New York.....                    | 2,258 81     | 6 75       | 10,053 70  |            | 60 69      |              |            |
| Pere Marquette.....                         | 13,321 07    | 6,973 59   | 34,098 25  |            | 67 47      | 73 10        |            |
| Pacific Great Eastern Ry. Co.               | 4,802 84     | 2,041 53   |            | 2,828 72   | 384 00     | 10,877 61    | 3,263 28   |
| Quebec Central.....                         | 5,911 44     | 3,075 06   | 13,200 70  |            | 6,752 48   | 1,013 27     | 8 83       |
| Quebec, Montreal and Southern.....          | 4,306 44     | 1,710 34   | 2,609 21   |            | 3,960 00   | 1,053 32     | 293 90     |
| Quebec Oriental.....                        | 490 00       | 95 45      |            | 240 00     | 131 09     | 186 02       | 60 00      |
| Quebec Ry., Light and Power Co.             | 4,695 97     | 2,184 15   |            |            |            | 586 19       | 60 00      |
| Red Mountain.....                           | 6 35         | 29 32      |            |            |            | 294 09       | 25 75      |
| Roberval-Saguenay.....                      | 2,432 00     | 684 00     |            |            | 25 91      |              | 42 76      |
| Rutland and Noyon.....                      | 40 16        | 53 29      |            |            |            | 480 00       |            |
| St. Lawrence and Adirondack                 | 1,896 11     | 12 19      | 14,060 51  |            | 0 23       | 12 77        | 6 07       |
| Sydney and Louisburg.....                   | 3,126 80     | 22,975 90  |            | 954 58     | 177 83     | 201 99       |            |
| Teniscouata.....                            | 1,631 42     | 361 23     |            |            |            | 1,630 20     |            |
| Thousand Islands.....                       | 15,892 78    | 980 47     |            | 300 00     | 3,635 02   | 2,878 24     | 20 00      |
| Thousand Islands and Northern Ontario       |              |            |            |            |            | 11,863 40    |            |
| Toronto, Hamilton and Buffalo               | 91 21        |            |            |            |            | 19 25        |            |
| Vanover, Victoria and Eastern               | 16,375 23    | 551 63     | 20,567 04  | 713 27     | 389 21     | 4,910 40     | 1,036 65   |
| Victoria Terminal Ry. and Ferry Co.         | 1,658 52     | 3,252 15   | 5,133 33   | 7,328 90   | 24,483 51  | 981 35       | 1,982 25   |
| Victoria and Sidney Ry. Co.                 | 7 83         |            |            |            | 8 95       | 1 52         |            |
| Wabash (in Canada).....                     | 13 45        |            |            |            | 140 19     | 10 00        | 23 73      |
|   | 5,290 55     | 952 65     | 197,010 87 | 2 73       | 3,447 43   | 10,852 54    | 8,888 64   |
| Total.....                                  | 35,475 17    | 236,247 03 | 733,566 19 | 503,275 61 | 195,826 20 | 1,181,078 70 | 211,952 86 |
|   | 1,185,418 21 |            |            |            |            |              |            |

TABLE 7—Summary of Operating Expenses for the Year ending December 31, 1919—Continued  
 TABLEAU 7—Sommaire des frais d'exploitation pendant l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer | Transportation Expenses—Rail Line— <i>Concluded</i><br>Dépenses des transports par rail— <i>fin</i> |                         |                         |                     |  |                      | Transportation—Water Line<br>Transports par eau |                     |  |
|---|---|-------------------------|-------------------------|---------------------|--|----------------------|---|---------------------|--|
|   | Damage to Live Stock on Right of Way  | Loss and Damage—Freight | Loss and Damage—Baggage | Injuries to Persons | Total Transportation Expenses, Rail Line | Operation of Vessels | Operation of Terminals                          | Incidental Expenses |  |
|   | \$ cts.   | \$ cts.                 | \$ cts.                 | \$ cts.             | \$ cts.                                  | \$ cts.              | \$ cts.   | \$ cts.             |  |
| Algonia Central and Hudson Bay.....     | 491 80  | 626 19                  |                         | 532 90              | 549,595 61                               | 254,700 06           |   |                     |  |
| Algonia Eastern.....                    | 996 26  | 1,738 47                |                         | 810 19              | 221,712 73                               | 81,191 31            |   |                     |  |
| Alberta and Great Waterways.....        | 276 36  | 401 35                  |                         | 500 00              | 92,932 75                                |                      |   |                     |  |
| Atlantic, Quebec and Western.....       | 22 50   | 1,861 57                | 1 72                    | 20 36               | 114,364 25                               |                      |   |                     |  |
| Brandon, Sask. and Hudson Bay.....      | 670 00  | 2,124 90                | 1 17                    | 21 82               | 80,515 88                                |                      |   |                     |  |
| British Yukon.....                      |   | 254 04                  |                         | 21 82               | 38,471 42                                |                      |   |                     |  |
| Canada and Gulf Terminal.....           |   | 429 46                  |                         |                     | 34,957 14                                |                      |   |                     |  |
| Canada Southern.....                    | 1,765 82  | 783,870 95              | 1,250 83                | 46,706 85           | 6,817,971 47                             |                      |   |                     |  |
| Canadian National Ry.s.—                |   |                         |                         |                     |  |                      |   |                     |  |
| Intercolonial.....                      | 11,407 83   | 293,410 83              | 1,977 61                | 11,217 29           | 16,776,080 57                            | 684,974 90           |   |                     |  |
| Prince Edward Island.....               | 622 42  | 3,986 46                |                         | 145 36              | 888,676 37                               |                      |   |                     |  |
| International of New Brunswick.....     |   | 1,145 81                |                         | 49 00               | 201,109 17                               |                      |   |                     |  |
| St. John and Quebec.....                | 88 88   | 131 60                  |                         |                     | 100,778 65                               |                      |   |                     |  |
| Transcontinental.....                   | 2,484 15  | 89,210 08               | 580 40                  | 1,498 71            | 5,973,171 50                             |                      |   |                     |  |
| Tegan and Flavelock.....                |   | 18 49                   |                         |                     | 24,583 77                                |                      |   |                     |  |
| Moncton and Ructouche.....              | 25 06   | 161 31                  |                         |                     | 45,029 60                                |                      |   |                     |  |
| Saskatchewan and Albert.....            | 554 20  | 47 14                   |                         |                     | 58,326 32                                |                      |   |                     |  |
| St. Vartans.....                        |   | 2 80                    |                         |                     | 21,008 38                                |                      |   |                     |  |
| York and Carleton.....                  |   | 104 63                  |                         |                     | 20,170 28                                |                      |   |                     |  |
| Canadian Northern.....                  | 40,712 15   | 557,625 55              | 11,067 10               | 153,402 89          | 28,364,104 67                            | 17,472 67            |   | 1,472 00            |  |
| Canadian Pacific.....                   | 70,752 94   | 1,544,579 14            | 79,488 18               | 826,842 31          | 69,554,664 65                            | 956,208 24           | 116,698 92                                      | 122,323 91          |  |
| Cape Breton.....                        |   | 68 46                   |                         |                     | 16,655 76                                |                      |   |                     |  |
| Caracquet and Gulf Shore.....           |   | 975 87                  |                         |                     | 50,494 74                                |                      |   |                     |  |
| Central Canada.....                     |   | 5 06                    |                         |                     | 35,381 98                                |                      |   |                     |  |
| Central Vermont.....                    | 451 22  | 3,101 62                |                         | 5 00                | 219,893 04                               |                      |   |                     |  |
| Crow's Nest Southern.....               | 336 55  | 466,333 C.              | 4 74                    | 201 54              | 105,576 51                               |                      |   |                     |  |
| Cumberland.....                         |   | 53 96                   |                         | 206 00              | 64,000 90                                |                      |   |                     |  |
| Dominion Atlantic.....                  | 167 80  | 10,485 15               | 16 08                   | 1,687 20            | 842,826 99                               |                      |   |                     |  |
| East On English Columbia.....           |   | 5 43                    |                         |                     | 21,062 92                                |                      |   |                     |  |



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|   |            |              |            |              |                |            |              |            |
|---|------------|--------------|------------|--------------|----------------|------------|--------------|------------|
| Edmonton, Dunvegan and British Columbia.....    | 409 22     | 4,478 1      | 324 81     | 635 17       | 495,071 69     |            |              |            |
| Essex Terminal.....                             |            | 300 00       |            | 300 05       | 48,525 95      |            |              |            |
| Esquimaux and Nanaimo.....                      |            | 1,474 65     | 5 75       | 2,398 36     | 456,157 27     |            |              |            |
| Fredericton and Grand Lake Couland Rly. Co..... |            | 249 47       |            | 198 50       | 59,148 25      |            |              |            |
| Grand Trunk.....                                |            | 1,203,678 56 | 9,969 57   | 280,064 15   | 30,372,783 40  |            |              |            |
| Grand Trunk Pacific.....                        |            | 86,249 72    | (Cr.)      | 26,003 05    | 4,697,074 70   |            |              |            |
| Grand Trunk Pacific Branch Lines.....           |            | 27,158 79    | 178 33     | 4,401 51     | 1,556,175 69   |            |              |            |
| Hereford.....                                   |            | 3,391 38     |            | 75 00        | 124,150 56     |            |              |            |
| Kent Northern.....                              |            | 62 85        |            |              | 13,643 64      |            |              |            |
| Kettle Valley.....                              |            | 884 36       | 103 39     | 111 39       | 421,000 50     |            |              |            |
| Labriere and Megantic.....                      |            | 1 23         |            |              | 18,665 09      |            |              |            |
| Maine Central.....                              |            | 799 49       |            |              | 15,498 37      |            |              |            |
| Manitoba Great Northern.....                    |            | 413 97       | 3 20       | 99 69        | 59,900 33      |            |              |            |
| Maritime Coal Rly. and Power Co.....            |            | 1,065 65     |            |              | 48,628 60      |            |              |            |
| Massawippi Valley.....                          |            | 448 28       | 333 13     |              | 183,855 19     |            |              |            |
| Midland of Manitoba.....                        |            | 2,208 00     | 3 50       | 84 00        | 247,405 75     |            |              |            |
| Montreal and Atlantic.....                      |            | 23,096 43    |            | 1,925 33     | 919,078 22     |            |              |            |
| Morrissey, Fernie and Michel.....               |            | 42 56        |            |              | 43,603 60      |            |              |            |
| Naperville Junction.....                        |            | 816 54       |            | 75 00        | 153,850 83     |            |              |            |
| Nelson and Fort Sheppard.....                   |            | 150 58       | 278 98     | 60 45        | 61,370 25      |            |              |            |
| New Brunswick Coal and Rly. Co.....             |            | 121 82       |            | 23 75        | 24,361 41      |            |              |            |
| New Westminster Southern.....                   |            |              |            | 2 00         | 1,240 32       |            |              |            |
| Ottawa and New York.....                        |            | 1,558 72     |            | 2,908 52     | 278,751 12     |            |              |            |
| Pere Marquette.....                             |            | 100,054 58   | 120 49     | 15,536 53    | 1,668,109 49   |            |              |            |
| Pacific Great Eastern Rly. Co.....              |            | 1,063 52     | 150 00     | 494 25       | 401,464 61     |            |              |            |
| Quebec Central.....                             |            | 7,868 50     | 486 75     | 1,262 98     | 1,038,991 11   |            |              |            |
| Quebec, Montreal and Southern.....              |            | 5,530 33     | 30 00      | 505 00       | 335,688 54     |            |              |            |
| Quebec Oriental.....                            |            | 2,496 25     | 50 00      |              | 135,637 87     |            |              |            |
| Quebec Rly., Light and Power Co.....            |            | 73 24        |            | 41 25        | 138,872 06     |            |              |            |
| Red Mountain.....                               |            | 40 36        |            | 10 87        | 16,855 01      |            |              |            |
| Roberval-Saguenay.....                          |            | 225 00       |            | 1,100 00     | 147,681 00     |            |              |            |
| Rutland and Noyan.....                          |            | 3 02         |            |              | 3,940 77       |            |              |            |
| St. Lawrence and Adirondaek.....                |            | 249 92       | 65 88      |              | 604,088 85     |            |              |            |
| Sydney and Lonsburg.....                        |            | 3,722 37     |            |              | 506,722 56     |            |              |            |
| Tenniscouata.....                               |            | 509 14       |            | 354 69       | 146,258 91     |            |              |            |
| Teniskaming and Northern Ontario.....           |            | 185 25       |            |              | 151,518 12 07  |            |              |            |
| Thousand Islands.....                           |            | 9,217 28     | 38 97      | 3,985 52     | 23,285 42      |            |              |            |
| Toronto, Hamilton and Buffalo.....              |            | 388 72       | 50 00      | 3 50         | 865,023 87     |            |              |            |
| Vancouver, Victoria and Eastern.....            |            | 3,177 80     | 34 17      | 3,629 11     | 682,079 16     |            |              |            |
| Victoria Terminal Rly. and Ferry Co.....        |            | 2,384 79     | (Cr.)      | 336 30       | 1,906 21       |            |              |            |
| Victoria and Sidney Rly. Co.....                |            | 1 16         |            |              | 9 695 18       |            |              |            |
| Wabash (in Canada).....                         |            | 195 00       |            |              | 2,096,993 80   |            |              |            |
| Wabash (in Canada).....                         |            | 1,103 54     | 35 62      | 9,168 42     |                |            |              |            |
| Final Total.....                                | 177,399 73 | 5,173,578 72 | 106,513 66 | 1,400,075 56 | 181,979,405 30 | 116,698 92 | 1,994,547 18 | 123,795 91 |





TABLE 7—Summary of Operating Expenses for the Year ending December 31, 1919—Continued  
 TABLEAU 7—Sommaire des frais d'exploitation pendant l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer | General Expenses—Frais généraux  |   |  |                                  |                        |   |                      |   |  |  |
|---|--|---|--|----------------------------------|------------------------|---|----------------------|---|--|--|
|   | Salaried Expenses of Officers<br>Appoint. et dépenses des fonctionnaires | Salaried Expenses of Clerks and Attendants<br>Appoint. et dépenses des employés subalternes | General Supplies and Expenses<br>Fournitures et frais généraux | Law Expenses<br>Frais de justice | Insurance<br>Assurance | Relief Department<br>Division des secours | Pensions<br>Pensions | Stationery and Printing<br>Papeterie et impressions |  |  |
|   | \$ cts.  | \$ cts.   | \$ cts.  | \$ cts.                          | \$ cts.                | \$ cts.                                   | \$ cts.              | \$ cts.   |  |  |
| Algonia Central and Hudson Bay          | 30,203 39  | 17,550 82   | 2,381 39   | 8,308 19                         | 1,282 56               |   |                      | 2,023 12  |  |  |
| Algonia Eastern                         | 6,670 11   | 5,478 74  | 1,026 40   | 914 58                           | 244 91                 |   |                      | 1,038 84  |  |  |
| Alberta and Great Waterways             | 7,010 31   | 2,400 40  | 613 41   | 418 68                           | 12 24                  |   |                      | 442 56  |  |  |
| Atlantic, Quebec and Western            | 14,049 96  | 3,803 85  | 67 68  | 181 10                           | 887 61                 |   | 77 88                | 420 00  |  |  |
| Brandon, Sask. and Hudson Bay           | 326 54   | 3,134 49  | 99 25  | 1,179 56                         | 2 98                   |   |                      | 146 68  |  |  |
| British Yukon                           | 11,128 78  | 4,568 81  | 1,110 40   | 553 02                           | 1,874 58               |   |                      | 286 34  |  |  |
| Canada and Gulf Terminal                | 1,680 00   |   | 4,284 12   | 50 00                            | 2,508 76               |   |                      | 353 47  |  |  |
| Canada Southern                         | 23,332 40  | 277,777 16  | 6,310 43   | 39,024 77                        | 217 28                 |   | 28,064 66            | 32,286 77   |  |  |
| Canadian National Ry.—                  |  |   |  |                                  |                        |   |                      |   |  |  |
| Intercolonial                           | 26,437 66  | 276,409 89  | 10,432 84  | 24,950 46                        | 338 89                 | 9,606 79                                  | 68,753 52            | 28,660 72   |  |  |
| Prince Edward Island                    | 1,254 82   | 13,045 59   | 488 05   | 1,112 65                         | 16 42                  | 453 84                                    | 3,154 18             | 1,342 88  |  |  |
| International of New Brunswick          | 441 28   | 4,557 24  | 175 16   | 435 03                           | 5 20                   | 162 11                                    | 1,142 65             | 485 75  |  |  |
| St. John and Quebec                     | 825 00   | 2,475 00  |  |                                  |                        |   | 386 95               |   |  |  |
| Transcontinental                        | 17,210 76  | 134,438 25  | 3,264 67   | 10,709 61                        | 213 21                 | 25,848 78                                 | 16,034 36            | 14,844 97   |  |  |
| Elgin and Havelock                      | 54 71  | 573 58  | 21 54  | 50 90                            | 0 79                   | 19 91                                     | 147 38               | 59 34   |  |  |
| Moncton and Baconnelle                  | 65 39  | 686 24  | 26 00  | 62 06                            | 0 83                   | 23 82                                     | 171 77               | 71 24   |  |  |
| Saskiary and Albert                     | 130 47   | 1,362 26  | 51 09  | 119 03                           | 1 67                   | 47 35                                     | 346 91               | 141 13  |  |  |
| St. Martins                             | 57 66  | 597 96  | 22 77  | 53 73                            | 0 75                   | 20 76                                     | 136 27               | 62 46   |  |  |
| York and Carleton                       | 24 22  | 253 64  | 9 55   | 22 90                            | 0 31                   | 8 78                                      | 62 45                | 26 36   |  |  |
| Canadian Northern                       | 167,590 30   | 755,625 58  | 113,006 09   | 155,300 41                       | 1,289 15               | 0 62                                      | 20,737 15            | 87,322 26   |  |  |
| Canadian Pacific                        | 347,902 98   | 1,439,820 43  | 139,961 10   | 287,126 15                       | 685,000 00             |   |                      | 134,073 81  |  |  |
| Cape Breton                             | 1,281 74   |   |  |                                  | 553 20                 |   |                      | 367 18  |  |  |
| Casapet and Gulf Shore                  | 5,230 81   |   | 139 86   | 20 00                            | 32 90                  |   |                      | 923 98  |  |  |
| Central Canada                          | 6,970 29   | 1,912 65  | 462 43   | 300 00                           | 6 46                   |   |                      | 274 94  |  |  |
| Central Vermont                         | 1,379 80   | 14,134 60   | 469 04   | 1,386 33                         | 10 80                  |   | 483 10               | 1,742 12  |  |  |
| Crow's Nest Southern                    | 540 51   | 4,348 54  | 115 20   | 2,498 73                         | 2 98                   |   |                      | 93 66   |  |  |
| Cumberland                              | 1,185 43   | 803 92  | 1,616 94   |                                  | 370 90                 | 2,549 71                                  |                      | 185 34  |  |  |
| Dominion Atlantic                       | 17,408 78  | 38,093 41   | 4,516 41   | 729 60 (C)                       | 2,806 59               |   | 5,827 92             | 4,346 83  |  |  |
| Eastern British Columbia                | 3,176 70   | 68 13   |  |                                  | 355 61                 |   |                      | 35 45   |  |  |
| Edmonton, Dunvegan and British Columbia | 19,793 67  | 9,825 35  | 3,260 04   | 12,326 03                        | 752 04                 |   |                      | 2,093 24  |  |  |
| Essex Terminal                          | 1,394 81   | 932 50  | 427 79   | 741 36                           | 589 17                 |   |                      | 364 08  |  |  |

STEAM RAILWAY STATISTICS

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|  |              |            |            |            |            |
|--|--------------|------------|------------|------------|------------|
| Esquimalt and Nanaimo.....                   | 1,024 81     | 1,031 67   | 254 45     | 6,688 80   | 657 70     |
| Fredericton and Grand Lake Coal and Rly. Co. | 3,501 57     | 348 66     |            | 617 70     | 136 36     |
| Grand Trunk.....                             | 1,227,460 26 | 94,589 55  | 189,017 18 | 1,585 23   | 124,725 75 |
| Grand Trunk Pacific.....                     | 165,317 87   | 15,685 46  | 31,519 54  | 6,563 97   | 12,062 47  |
| Grand Trunk Pacific Branch Lines.....        | 55,750 21    | 5,360 13   | 12,248 39  | 2,159 42   | 3,925 01   |
| Feroford.....                                | 4,482 21     | 310 50     | 406 26     | 5 82       | 337 26     |
| Kent Northern.....                           | 4,000 00     |            | 100 00     |            |            |
| Kettle Valley.....                           | 11,364 45    | 399 09     | 162 50     |            | 1,031 89   |
| Loebniere and Mesantic.....                  | 2,484 00     | 361 68     | 30 50      | 852 42     | 11 06      |
| Maine Central.....                           | 815 17       | 55 37      | 71 47      |            | 60 35      |
| Manitoba Great Northern.....                 | 2,339 76     | 69 69      | 1,448 43   |            | 106 40     |
| Maritime Coal Rly. and Power Co.....         | 610 00       |            |            | 1,330 00   |            |
| Massawippi Valley.....                       | 18,786 75    | 104 56     | 563 81     |            |            |
| Midland of Manitoba.....                     | 11,776 39    | 375 10     | 2,186 56   | 6 36       | 952 41     |
| Montreal and Atlantic.....                   | 55,270 55    | 56 50      | 687 48     | 1,843 20   | 381 00     |
| Morrissey, Ferme and Michel.....             | 1,285 40     | 23 20      | 50 00      | 1,125 52   | 867 89     |
| Napierville Junction.....                    | 23,914 17    | 131 66     | 3,889 70   |            | 136 33     |
| Nelson and Fort Sheppard.....                | 3,049 91     | 91 45      | 2,033 91   | 2 11       | 63 09      |
| New Brunswick Coal and Rly. Co.....          | 1,965 00     | 12 70      |            | 244 42     | 63 09      |
| New Westminster Southern.....                | 36 90        |            | 720 29     |            |            |
| Ottawa and New York.....                     | 4,589 74     | 1,555 18   | 409 56     |            | 509 12     |
| Pere Marquette.....                          | 104,069 07   | 5,963 68   | 11,341 44  | 38 30      | 9,312 58   |
| Pacific Great Eastern Rly. Co.....           | 22,834 38    | 7,501 28   | 47 50      | 120 00     | 2,846 66   |
| Quebec Central.....                          | 36,125 16    | 8,320 38   | 2,054 63   | 504 00     | 3,017 84   |
| Quebec, Montreal and Southern.....           | 33,149 93    | 739 57     | 2,510 08   | 52 50      | 3,477 81   |
| Quebec Oriental.....                         | 3,785 70     | 73 12      | 1,460 20   | 587 62     | 482 38     |
| Quebec Rly., Light and Power Co.....         | 15,704 94    | 1,242 49   | 777 78     | 3,593 24   | 1,812 47   |
| Red Mountain.....                            | 278 86       | 0 40       | 266 21     |            | 6 91       |
| Roberval-Saguenay.....                       | 5,197 00     | 3,168 00   | 1,630 00   |            | 1,322 00   |
| Rutland and Noyan.....                       | 843 10       | 61 12      | 69 01      | 0 74       | 57 19      |
| St. Lawrence and Adirondack.....             | 3,311 27     | 3,473 09   | 1,232 31   |            | 559 10     |
| Sydney and Louisburg.....                    | 7,330 00     | 20,603 98  | 90 81      | 1,995 84   |            |
| Temiscouata.....                             | 4,325 78     | 1,640 46   | 442 12     | 2,592 32   | 844 01     |
| Temiskaming and Northern Ontario.....        | 72,432 99    | 8,524 93   | 4,855 27   | 271 05     | 5,085 07   |
| Thousand Islands.....                        | 2,315 88     | 975 40     | 137 40     | 812 18     | 50 92      |
| Toronto, Hamilton and Buffalo.....           | 30,183 31    | 2,625 07   | 12,949 67  | 4 00       | 1,965 52   |
| Toronto, Victoria and Eastern.....           | 12,553 63    | 367 73     | 8,366 08   | 9 19       | 544 58     |
| Victoria Terminal Rly. and Ferry Co.....     | 1,115 26     | 32 64      | 37 25      |            | 17 16      |
| Victoria and Sidney Rly. Co.....             | 8 40         |            | 37 25      | 75 28      | 6 20       |
| Wabash (in Canada).....                      | 81,031 45    | 4,654 16   | 5,879 92   |            | 4,287 65   |
| Total.....                                   | 5,045,814 92 | 484,969 00 | 848,561 62 | 727,448 97 | 496,742 00 |
|  | 1,364,532 59 |            | 54,139 61  |            | 349,342 74 |

TABLE 7—Summary of Operating Expenses for the Year ending December 31, 1919—Continued  
TABLEAU 7—Sommaire des frais d'exploitation pendant l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer | General Expenses— <i>Concludad</i><br>Frais généraux— <i>fin</i> |      |   |      | Recapitulation of Expenses<br>Récapitulation des dépenses                         |      |   |      |   |      |   |      |   |      |                   |      |  |
|---|--|------|---|------|---|------|---|------|---|------|---|------|---|------|-------------------|------|--|
|   | Other Expenses<br>Autres dépenses                                |      | General Joint Facilities— <i>Dr.</i><br>Facilités communes en général— <i>Dr.</i> |      | General Joint Facilities— <i>Cr.</i><br>Facilités communes en général— <i>Av.</i> |      | Total of General Expenses<br>Total des frais généraux |      | Transportation for Investment— <i>Cr.</i><br>Transport pour placement— <i>Av.</i> |      | Maintenance of Structures<br>Entretien des ouvrages |      | Maintenance of Equipment<br>Entretien du matériel |      | Traffic<br>Trafic |      |  |
|   | \$   | cts. | \$  | cts. | \$  | cts. | \$  | cts. | \$  | cts. | \$  | cts. | \$  | cts. | \$                | cts. |  |
| Algoma Central and Hudson Bay           | 41,909   | 77   |   |      |   |      | 104,262   | 24   |   |      | 443,269   | 45   | 407,895   | 65   | 10,463            | 95   |  |
| Algoma Eastern                          | 6,320  | 44   | 60  | 00   |   |      | 21,774  | 14   | 255   | 82   | 117,351   | 74   | 125,731   | 84   | 7,350             | 45   |  |
| Alberta and Great Waterways             | 1,795  | 40   |   |      |   |      | 12,693  | 00   |   |      | 25,693  | 63   | 30,063  | 75   | 1,236             | 94   |  |
| Atlantic, Quebec and Western            | 1,464  | 72   |   |      |   |      | 17,874  | 92   |   |      | 72,693  | 17   | 44,362  | 12   |                   |      |  |
| Brandon, Sask. and Hudson Bay           | 192  | 71   |   |      |   |      | 5,160   | 09   | 50  | 58   | 83,178  | 27   | 15,486  | 34   | 1,951             | 17   |  |
| British Yukon                           | 746  | 27   |   |      |   |      | 20,268  | 20   |   |      | 30,774  | 04   | 10,067  | 59   | 6,192             | 92   |  |
| Canada and Gulf Terminal                |  |      |   |      |   |      | 8,876   | 35   |   |      | 19,611  | 82   | 10,860  | 34   | 2,240             | 34   |  |
| Canada Southern                         | 23,101   | 67   |   |      |   |      | 430,115   | 14   | 4,481   | 39   | 2,001,189   | 78   | 4,022,357   | 65   | 275,159           | 38   |  |
| Canadian National Ry.—                  |  |      |   |      |   |      |   |      |   |      |   |      |   |      |                   |      |  |
| Intercolonial                           | 8,416  | 71   |   |      |   |      | 454,007   | 48   |   |      | 7,106,940   | 33   | 5,258,554   | 42   | 291,993           | 68   |  |
| Prince Edward Island                    | 337  | 63   |   |      |   |      | 21,206  | 06   |   |      | 536,390   | 74   | 193,352   | 31   | 13,746            | 76   |  |
| International of New Brunswick          | 151  | 31   |   |      |   |      | 7,555   | 73   |   |      | 197,274   | 11   | 70,715  | 00   | 4,773             | 07   |  |
| St. John and Quebec                     | 80   | 83   |   |      |   |      | 3,767   | 78   |   |      | 132,692   | 14   | 13,952  | 63   | 2,947             | 19   |  |
| Transcontinental                        | 5,128  | 89   |   |      |   |      | 227,693   | 56   |   |      | 4,584,603   | 74   | 2,822,010   | 17   | 133,286           | 75   |  |
| Elgin and Havelock                      | 16   | 21   |   |      |   |      | 944   | 39   |   |      | 21,737  | 30   | 5,188   | 06   | 553               | 40   |  |
| Moncton and Bactouche                   | 20   | 81   |   |      |   |      | 1,128   | 36   |   |      | 43,473  | 91   | 10,492  | 44   | 657               | 15   |  |
| St. Mary's and Albert                   | 38   | 64   |   |      |   |      | 2,238   | 35   |   |      | 56,201  | 42   | 14,631  | 28   | 1,264             | 07   |  |
| St. Martins                             | 48   | 78   |   |      |   |      | 971   | 14   |   |      | 26,045  | 41   | 2,691   | 84   | 572               | 72   |  |
| York and Carleton                       | 7  | 71   |   |      |   |      | 415   | 92   |   |      | 4,725   | 08   | 2,397   | 13   | 242               | 68   |  |
| Canadian Northern                       | 179,687  | 73   | 11,817  | 88   | 2,654   | 89   | 1,489,741   | 34   |   |      | 15,664,857  | 15   | 11,392,533  | 89   | 1,019,950         | 18   |  |
| Canadian Pacific                        | 401,935  | 46   | 5,774   | 80   |   |      | 3,441,594   | 73   |   |      | 28,912,220  | 30   | 34,037,499  | 76   | 3,829,686         | 56   |  |
| Cape Breton                             |  |      |   |      |   |      | 2,202   | 12   |   |      | 10,824  | 57   | 1,652   | 82   |                   |      |  |
| Caracquet and Gulf Shore                | 3,877  | 00   |   |      |   |      | 10,221  | 55   |   |      | 48,642  | 49   | 14,241  | 54   | 45                | 00   |  |
| Central Canada                          | 1,131  | 16   |   |      |   |      | 11,077  | 93   |   |      | 15,864  | 51   | 5,404   | 96   | 721               | 67   |  |
| Central Vermont                         | 3  | 61   |   |      |   |      | 19,669  | 40   |   |      | 192,588   | 12   | 33,950  | 65   | 9,008             | 99   |  |
| Crow's Nest Southern                    | 147  | 66   |   |      |   |      | 7,932   | 62   | 10  | 45   | 122,198   | 38   | 48,125  | 58   | 2,347             | 72   |  |
| Cumberland                              | 1,879  | 50   |   |      |   |      | 8,406   | 49   |   |      | 34,032  | 60   | 24,262  | 96   | 53                | 23   |  |
| Dominion Atlantic                       | 2,600  | 14   |   |      |   |      | 65,426  | 22   |   |      | 418,651   | 07   | 207,517   | 54   | 40,809            | 91   |  |
| Eastern British Columbia                | 958  | 36   |   |      |   |      | 4,594   | 27   |   |      | 13,886  | 80   | 10,543  | 06   | 25                | 70   |  |

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|   |              |           |               |               |               |              |
|---|--------------|-----------|---------------|---------------|---------------|--------------|
| Edmonton, Dunvegan and British Columbia   | 9,853 96     | 7 50      | 57,911 53     | 243,431 71    | 140,761 70    | 12,166 09    |
| Essex Terminal                            | 19,322 40    |           | 23,782 11     | 31,453 22     | 20,806 40     | 305 14       |
| L'Esquimaux and Nainano                   | 4,025 55     |           | 13,035 68     | 207,143 01    | 169,805 61    | 323 90       |
| Fredrickson and Grand Lake Coal & Rly. Co | 197 81       |           | 6,716 00      | 70,549 58     | 6,938 30      | 33 05        |
| Grand Trunk                               | 127,555 70   | 167 93    | 2,245,989 71  | 9,406,841 46  | 16,465,374 85 | 998,677 18   |
| Grand Trunk Pacific                       | 35,865 21    | 2,149 45  | 372,986 01    | 3,700,745 71  | 4,356,884 99  | 215,143 02   |
| Grand Trunk Pacific Branch Lines.         | 12,474 86    | 17 55     | 128,094 60    | 1,339,376 99  | 891,966 34    | 78,551 54    |
| Hersford                                  | 298 72       |           | 6,878 84      | 70,993 74     | 48,971 52     | 2,244 25     |
| Kent Northern                             | 755 32       |           | 4,855 32      | 8,074 82      | 1,100 00      | 225 00       |
| Kettle Valley                             | 1,629 76     |           | 18,764 97     | 505,637 71    | 137,652 45    | 6,240 08     |
| LaBriere and Megantic                     | 6 05         |           | 5,800 31      | 16,898 86     | 3,757 62      | 310 44       |
| Loeb Central                              | 45 97        |           | 1,190 32      | 5,437 68      | 5,210 57      | 428 90       |
| Manitoba Great Northern                   | 129 26       |           | 4,401 83      | 82,132 74     | 9,563 35      | 1,334 39     |
| Maritime Coal Rly. and Power Co           | 26 00        |           | 5,156 00      | 28,046 62     | 9,012 57      |              |
| Massawippi Valley                         | 21 01        |           | 20,870 21     | 71,401 61     | 73,926 41     | 4,281 37     |
| Midland of Manitoba                       | 677 84       | 2,976 44  | 19,705 38     | 119,300 52    | 80,708 28     | 6,077 49     |
| Montreal and Atlantic                     | 459 23       | 6,978 55  | 58,307 96     | 439,183 54    | 243,136 33    |              |
| Morrissey, Fermie and Michel              | 197 33       |           | 15,936 89     | 13,573 94     | 13,335 98     |              |
| Napierville Junction                      | 888 96       |           | 58,715 55     | 101,170 74    | 69,583 93     | 2,586 74     |
| Nelson and Fort Sheppard                  | 169 19       |           | 5,933 35      | 83,522 60     | 10,806 32     | 1,745 31     |
| New Brunswick Coal and Rly. Co            | 401 07       |           | 4,734 58      | 64,835 09     | 6,348 68      | 60 00        |
| New Westminster Southern                  | 0 15         |           | 812 57        | 2,478 70      | 743 05        | 38 05        |
| Ottawa and New York                       | 292 31       |           | 9,275 39      | 110,238 36    | 66,474 05     | 7,859 42     |
| Pere Marquette                            | 2,436 43     |           | 150,444 18    | 491,963 31    | 452,079 98    | 52,011 30    |
| Pacific Great Eastern Rly. Co             | 1,165 17     |           | 51,610 99     | 308,454 66    | 174,552 00    | 5,779 43     |
| Quebec Central                            |              | 7,028 02  | 89,005 91     | 422,954 61    | 397,684 40    | 30,684 92    |
| Quebec, Montreal and Southern             | 1,174 40     |           | 49,638 89     | 163,545 55    | 277,258 00    | 10,977 46    |
| Quebec Oriental                           | 1,537 27     |           | 29,416 63     | 100,639 80    | 46,126 36     |              |
| Quebec Rly., Light and Power Co           | 3,394 38     |           | 37,118 89     | 58,387 67     | 50,258 90     | 7,806 54     |
| Red Mountain                              |              |           | 612 71        | 16,231 83     | 2,731 11      | 145 46       |
| Roberval-Sagouay                          | 1,806 00     |           | 17,317 09     | 47,044 00     | 36,609 00     | 2,714 00     |
| Rutland and Noxan                         | 7 80         |           | 1,115 10      | 6,594 40      | 2,478 96      |              |
| St. Lawrence and Adirondack               | 115 22       |           | 11,993 05     | 220,605 37    | 61,843 44     | 6,046 29     |
| Sydney and Louisbourg                     | 16,205 05    |           | 48,310 12     | 214,891 43    | 280,996 71    | 3,227 50     |
| Teniscouata                               | 3,197 65     | 540 00    | 23,378 73     | 95,393 99     | 61,111 72     | 6,174 10     |
| Teniscouata and Northern Ontario          | 5,230 18     |           | 121,733 08    | 794,848 86    | 634,215 21    | 19,189 89    |
| Thousand Islands                          |              |           | 5,316 78      | 7,159 23      | 240 59        |              |
| Toronto, Hamilton and Buffalo             | 82,076 53    |           | 165,457 23    | 438,213 04    | 472,163 41    | 36,620 34    |
| Vancouver, Victoria and Eastern           | 647 70       | 206 63    | 24,557 35     | 522,153 73    | 141,884 93    | 7,704 96     |
| Victoria Terminal Rly. and Ferry Co       | 6 13         |           | 2,225 72      | 112 10        | 32 58         | 26 37        |
| Victoria and Sidney Rly. Co               | 11 15        |           | 1,746 94      | 2,886 00      | 795 43        | 386 91       |
| Wabash (in Canada)                        | 1,647 52     | 2,249 77  | 107,144 03    | 798,550 86    | 814,283 03    | 56,434 26    |
| Total                                     | 1,014,399 84 | 39,261 89 | 10,420,460 55 | 82,343,529 51 | 85,577,378 41 | 7,242,437 57 |

TABLE 7—Summary of Operating Expenses for the Year ending December 31, 1919—Concluded  
TABLEAU 7—Sommaire des frais d'exploitation pendant l'année terminée le 31 décembre 1919—fin

| Name of Railway<br>Nom du chemin de fer | Recapitulation of Expenses—Concluded—Récapitulation des dépenses—fin |  |  |  |   |  |
|---|--|--|--|--|---|--|
|   | Transportation<br>Rail Line<br>Transports<br>par<br>rail             | Transportation<br>Water Line<br>Transports<br>par<br>eau | Miscellaneous<br>Operations<br>Exploitations<br>diverses | General<br>Expenses<br>Frais<br>généraux | Transportation for<br>Investment,<br>Cp.<br>pour<br>placement,<br>Av. | Total<br>Operating<br>Expenses<br>Total<br>des frais<br>d'exploitation |
|   | \$ cts.  | \$ cts.  | \$ cts.  | \$ cts.                                  | \$ cts.   |  |
| Algona Central and Hudson Bay           | 549,595 61   | 254,700 00   |  | 104,262 24                               | 255 82  | 1,769,941 14   |
| Algona Eastern                          | 221,712 77   | 81,194 31  |  | 21,774 11                                |   | 575,112 21   |
| Alberta and Great Waterways             | 92,932 75  |  |  | 12,693 00                                |   | 162,630 07   |
| Atlantic, Quebec and Western            | 144,364 27   |  |  | 17,874 92                                |   | 219,234 45   |
| Brandon, Sask. and Hudson Bay           | 80,515 88  |  |  | 5,160 09                                 | 50 58   | 186,241 17   |
| British Yukon                           | 38,471 42  |  |  | 20,268 20                                |   | 105,774 17   |
| Canada and Gulf Terminal                | 34,957 11  |  |  | 8,876 35                                 |   | 76,545 99  |
| Canada Southern                         | 6,817,974 47   |  | 228,982 49   | 430,115 14                               | 4,481 39  | 13,771,294 52  |
| Canadian National Railways:—            |  |  |  |  |   |  |
| Intercolonial                           | 16,776,080 57  | 684,974 90   | 843,501 74   | 451,007 48                               |   | 31,416,053 12  |
| P. E. Island                            | 888,676 37   |  |  | 21,205 06                                |   | 1,617,352 24   |
| International of N. B.                  | 201,469 17   |  |  | 7,555 75                                 |   | 481,427 08   |
| St. John and Quebec                     | 100,778 65   |  |  | 3,767 78                                 |   | 254,138 39   |
| Transcontinental                        | 5,973,171 54   |  | 75,216 97  | 227,693 56                               |   | 13,815,932 69  |
| Elgin and Havelock                      | 24,583 77  |  |  | 944 39                                   |   | 53,006 92  |
| Altonon and Duclouche                   | 45,629 66  |  |  | 4,128 36                                 |   | 101,881 46   |
| Salisbury and Albert                    | 58,926 32  |  |  | 2,238 57                                 |   | 133,264 64   |
| St. Martins                             | 24,008 38  |  |  | 971 11                                   |   | 51,289 49  |
| York and Carleton                       | 20,170 28  |  |  | 415 92                                   |   | 27,951 09  |
| Canadian Northern                       | 28,364,104 67  | 18,944 67  | 925,069 90   | 1,489,744 34                             |   | 58,885,201 80  |
| Canadian Pacific                        | 69,554,664 65  | 1,195,231 07   | 4,217,947 26   | 3,111,591 73                             |   | 145,188,844 33   |
| Cape Breton                             | 16,655 76  |  |  | 2,292 12                                 |   | 31,390 77  |
| Canaquet and Gulf Shore                 | 50,494 74  |  |  | 10,221 55                                |   | 123,648 32   |
| Central Canada                          | 35,381 98  |  |  | 11,077 93                                |   | 68,451 05  |
| Central Vermont                         | 219,893 04   |  | 21 63  | 19,693 40                                |   | 473,071 83   |
| Crow's Nest Southern                    | 105,576 51   |  |  | 7,932 62                                 | 10 45   | 286,470 36   |
| Cumberland                              | 64,690 90  |  |  | 8,405 49                                 |   | 131,556 18   |
| Dominion Atlantic                       | 842,826 99   |  |  | 65,426 22                                |   | 1,575,231 73   |
| Eastern British Columbia                | 21,062 92  |  |  | 4,594 27                                 |   | 50,112 57  |
| Edmonton, Dunvegan and British Columbia | 495,071 64   |  | 20,273 09  | 57,911 53                                |   | 989,615 76   |
| Essex Terminal                          | 48,325 95  |  |  | 23,782 11                                |   | 124,877 82   |
| Esquimalt and Nanaimo                   | 456,157 27   |  |  | 15,035 68                                |   | 848,465 47   |



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|  |                  |                |  |                 |                               |
|--|------------------|----------------|--|-----------------|-------------------------------|
| Fredericton and Grand Lake Coal and Rly. Co. | 59, 148 23       |                |  | 6, 716 00       | 143, 385 14                   |
| Grand Trunk                                  | 30, 372, 785 40  | 392, 540 86    |  | 2, 245, 989 71  | 59, 881, 123 68               |
| Grand Trunk Pacific                          | 4, 697, 074 70   | 205, 168 84    |  | 372, 985 01     | 13, 557, 043 27               |
| Grand Trunk Pacific Branch Lines             | 1, 556, 175 69   | 12, 879 00     |  | 128, 094 00     | 4, 007, 043 87                |
| Hereford                                     | 124, 450 56      |                |  | 6, 878 84       | 253, 238 70                   |
| Kent Northern                                | 13, 643 64       |                |  | 4, 855 32       | 27, 898 78                    |
| Kerd Valley                                  | 421, 000 59      | 17, 145 53     |  | 18, 764 97      | 1, 106, 441 33                |
| Lox niere and Megantic                       | 18, 665 09       |                |  | 5, 800 31       | 45, 432 32                    |
| Maine Central                                | 15, 438 37       |                |  | 1, 190 32       | 27, 765 84                    |
| Manitoba Great Northern                      | 59, 900 33       |                |  | 4, 101 83       | 157, 293 48                   |
| Maritime Coal Rly. and Power Co.             | 48, 628 60       |                |  | 5, 150 00       | 90, 843 79                    |
| Massawippi Valley                            | 183, 855 19      |                |  | 20, 870 21      | 374, 337 79                   |
| Midland of Manitoba                          | 247, 105 75      | 18, 153 65     |  | 19, 705 38      | 491, 411 07                   |
| Montreal and Atlantic                        | 919, 078 22      |                |  | 58, 307 90      | 1, 639, 706 05                |
| Morrissey, Fermo and Michel                  | 43, 663 60       |                |  | 15, 936 80      | 86, 450 38                    |
| Napierville Junction                         | 153, 800 83      |                |  | 58, 715 55      | 385, 917 79                   |
| Nelson and Fort Sheppard                     | 61, 370 26       |                |  | 5, 933 35       | 163, 424 86                   |
| New Brunswick Coal and Rly. Co.              | 24, 361 41       |                |  | 4, 734 58       | 100, 339 76                   |
| New Westminster Southern                     | 1, 240 32        |                |  | 812 57          | 5, 312 59                     |
| Ottawa and New York                          | 278, 731 12      |                |  | 9, 275 39       | 472, 598 31                   |
| Pere Marquette                               | 1, 668, 109 49   | 2, 429 79      |  | 130, 441 18     | 2, 817, 037 98                |
| Pacific Great Eastern Ry. Co.                | 401, 464 61      |                |  | 51, 610 99      | 838, 837 12                   |
| Quebec Central                               | 1, 038, 991 11   | 21, 918 94     |  | 89, 005 91      | 2, 001, 239 89                |
| Quebec, Montreal and Southern                | 335, 688 54      |                |  | 49, 668 89      | 837, 137 44                   |
| Quebec Oriental                              | 135, 637 87      |                |  | 20, 416 05      | 302, 830 08                   |
| Quebec Rly., Light and Power Co.             | 138, 872 00      |                |  | 37, 118 89      | 292, 441 06                   |
| Red Mountain                                 | 16, 355 04       |                |  | 612 71          | 36, 637 94                    |
| Roberval-Saguenay                            | 147, 681 00      |                |  | 17, 347 00      | 251, 335 00                   |
| Rutland and Noyan                            | 3, 940 77        |                |  | 1, 115 10       | 14, 129 23                    |
| St. Lawrence and Adirondack                  | 604, 088 85      |                |  | 11, 603 05      | 904, 187 00                   |
| Sydney and Louisbourg                        | 506, 722 56      |                |  | 48, 340 12      | 1, 074, 178 34                |
| Temisouata                                   | 146, 258 91      |                |  | 23, 278 73      | 332, 857 45                   |
| Temiskaming and Northern Ontario             | 1, 518, 142 07   | 55, 161 27     |  | 121, 733 08     | 3, 142, 611 58                |
| Thousand Islands                             | 25, 285 42       |                |  | 5, 316 78       | 38, 002 02                    |
| Toronto, Hamilton and Buffalo                | 865, 023 87      | 29, 519 87     |  | 165, 457 23     | 2, 006, 997 75                |
| Vancouver, Victoria and Eastern              | 682, 079 16      | 6, 509 54      |  | 24, 557 35      | 1, 384, 563 51                |
| Victoria Terminal Rly. and Ferry Co.         | 1, 906 21        |                |  | 225 72          | 2, 322 98                     |
| Victoria and Sidney Ry. Co.                  | 9, 695 18        |                |  | 1, 746 94       | 15, 030 46                    |
| Wabash (in Canada)                           | 2, 096, 993 80   | 18, 758 25     |  | 107, 144 63     | 3, 891, 817 65                |
| Final total                                  | 181, 979, 405 30 | 7, 101, 198 62 |  | 10, 420, 460 55 | 110, 358, 533 76, 789, 093 44 |

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TABLE 8—Income Account for the Year  
TABLEAU 8—Bilan pour

| Number—<br>Numéro | Name of Railway<br>—<br>Nom du chemin de fer | I.—Operating Income—Rail Operation—Transports par rail                 |   |   |  | Net<br>Operating<br>Income<br>—<br>Gains nets<br>de<br>l'exploitation |
|-------------------|--|--|---|---|--|---|
|                   |  | Net<br>Operating<br>Revenue<br>—<br>Revenu net<br>de<br>l'exploitation | Net<br>Operating<br>Deficit<br>—<br>Déficit net<br>de<br>l'exploitation | Railway<br>Tax<br>Accruals<br>—<br>Ensemble<br>des taxes<br>et impôts | Uncollectable<br>Railway<br>Revenues<br>—<br>Revenus<br>irrecouvrables |   |
|                   |  | \$ cts.  | \$ cts.   | \$ cts.   | \$ cts.  |   |
| 1                 | Algoma Central and Hudson Bay                | 31,723 37  |   | 33,111 29   |  |   |
| 2                 | Algoma Eastern                               | 282,119 57   |   | 2,122 52  |  | 279,997 05  |
| 3                 | Alberta and Great Waterways                  |  | 17,008 28   | 7,041 76  |  |   |
| 4                 | Atlantic, Quebec and Western                 |  | 41,287 03   |   |  |   |
| 5                 | Brandon, Sask. and Hudson Bay                |  | 133,839 88  | 1,092 40  |  |   |
| 6                 | British Yukon                                | 38,406 24  |   | 5,833 56  |  | 32,072 68   |
| 7                 | Canada and Gulf Terminal                     | 32,665 25  |   |   |  | 32,665 25   |
| 8                 | Canada Southern                              | 8,245,295 44   |   | 640,864 62  |  | 7,604,430 82  |
| 9                 | Canadian National Railways:—                 |  |   |   |  |   |
| 10                | Intercolonial                                |  | 3,585,685 64  |   |  |   |
| 11                | Prince Edward Island                         |  | 752,139 55  |   |  |   |
| 12                | International of New Brunswick               |  | 278,539 28  |   |  |   |
| 13                | St. John and Quebec Bay                      |  | 96,522 73   |   |  |   |
| 14                | Transcontinental                             |  | 2,735,494 72  |   |  |   |
| 15                | Elgin and Havelock                           |  | 29,872 10   |   |  |   |
| 16                | Moncton and Buctouche                        |  | 50,882 19   |   |  |   |
| 17                | Salisbury and Albert                         |  | 65,857 41   |   |  |   |
| 18                | St. Martins                                  |  | 32,211 17   |   |  |   |
| 19                | York and Carleton                            |  | 18,142 74   |   |  |   |
| 20                | Canadian Northern                            |  | 6,748,294 55  | 598,923 36  |  |   |
| 21                | Canadian Pacific                             | 32,491,118 72  |   | 2,664,188 35  |  | 29,826,930 38   |
| 22                | Cape Breton                                  |  | 6,066 00  | 1,033 42  |  |   |
| 23                | Caraquet and Gulf Shore                      | 7,208 11   |   |   |  | 7,208 11  |
| 24                | Central Canada                               |  | 32,858 95   |   |  |   |
| 25                | Central Vermont                              |  | 38,993 04   | 5,805 87  |  |   |
| 26                | Crow's Nest Southern                         |  | 216,379 17  | 17,478 07   |  |   |
| 27                | Cumberland                                   | 44,590 53  |   |   |  | 44,590 53   |
| 28                | Dominion Atlantic                            | 274,030 62   |   | 13,392 82   |  | 260,637 80  |
| 29                | Eastern British Columbia                     |  | 14,351 53   | 2,736 70  |  |   |
| 30                | Edmonton, Dunvegan and British Columbia      | 178,275 94   |   | 5,474 76  |  | 172,801 18  |
| 31                | Essex Terminal                               | 15,245 84  |   |   |  | 15,245 84   |
| 32                | Esquimalt and Nanaimo                        | 374,442 86   |   | 28,800 00   |  | 345,642 86  |
| 33                | Fredericton and Grand Lake Coal and Rly.     |  | 1,738 13  | 3,329 11  |  |   |
| 34                | Grand Trunk                                  | 8,678,365 77   |   | 1,141,901 06  | 5,539 97   | 7,530,924 74  |
| 35                | Grand Trunk Pacific                          |  | 4,595,908 99  | 52,678 69   | 376 76   |   |
| 36                | Grand Trunk Pacific Branch Lines             |  | 1,676,535 27  | 42,383 85   |  |   |
| 37                | Hereford                                     |  | 138,690 61  | 1,882 78  |  |   |
| 38                | Kent Northern                                | 21,586 96  |   |   |  | 21,586 96   |
| 39                | Kettle Valley                                |  | 318,980 92  | 9,140 83  |  |   |
| 40                | Lotbiniere and Megantic                      | 6,437 54   |   | 1,276 46  |  | 5,161 08  |
| 41                | Maine Central                                |  | 149 11  | 632 36  |  |   |
| 42                | Manitoba Great Northern                      |  | 130,349 48  | 644 63  |  |   |
| 43                | Maritime Coal Rly. and Power Co.             | 38,805 18  |   |   |  | 38,805 18   |
| 44                | Ma-sawippi Valley                            |  | 110,340 19  | 2,227 08  |  |   |
| 45                | Midland of Manitoba                          |  | 113,860 56  | 31,442 97   |  |   |
| 46                | Montreal and Atlantic                        | 14,615 59  |   | 21,172 75   |  |   |
| 47                | Morrissey, Fernie and Michiel                | 385 57   |   | 185 42  |  | 200 15  |
| 48                | Napierville Junction                         | 112,939 55   |   | 2,879 71  |  | 110,059 84  |
| 49                | Nelson and Fort Sheppard                     |  | 108,541 05  | 10,567 82   |  |   |

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ending December 31, 1919

l'année terminée le 31 décembre 1919

| Outside Operations—Opérations extérieures                  |   |   |   |  |   |  | Number<br>—<br>N. |
|--|---|---|---|--|---|--|-------------------|
| Net Operating Loss<br>—<br>Pertes nettes de l'exploitation | Revenue from Outside Operations<br>—<br>Revenu provenant d'opérations extérieures | Expenses for Outside Operations<br>—<br>Dépenses causées par les opérations extérieures | Net Revenue from Outside Operations<br>—<br>Revenu net des opérations extérieures | Net Deficit from Outside Operations<br>—<br>Déficit net des opérations extérieures | Taxes on Outside Operations<br>—<br>Taxes frappant les opérations extérieures | Net Income from Outside Operations<br>—<br>Gains nets sur opérations extérieures |                   |
| § cts.   | § cts.  | § cts.  | § cts.  | § cts.   | § cts.  | § cts.   |                   |
| 1,387 92   |   |   |   |  |   |  | 1                 |
|  |   |   |   |  |   |  | 2                 |
| 24,050 04  |   | 1,459 69  |   | 1,459 69   | 405 00  |  | 3                 |
| 41,287 03  |   |   |   |  |   |  | 4                 |
| 134,932 28   |   |   |   |  |   |  | 5                 |
|  |   |   |   |  |   |  | 6                 |
|  |   |   |   |  |   |  | 7                 |
|  |   |   |   |  |   |  | 8                 |
|  |   |   |   |  |   |  | 9                 |
| 3,585,685 64   |   |   |   |  |   |  | 10                |
| 752,139 55   |   |   |   |  |   |  | 11                |
| 278,539 28   |   |   |   |  |   |  | 12                |
| 96,522 73  |   |   |   |  |   |  | 13                |
| 2,735,494 72   |   |   |   |  |   |  | 14                |
| 29,872 10  |   |   |   |  |   |  | 15                |
| 50,882 19  |   |   |   |  |   |  | 16                |
| 65,857 41  |   |   |   |  |   |  | 17                |
| 32,211 17  |   |   |   |  |   |  | 18                |
| 18,142 74  |   |   |   |  |   |  | 19                |
| 7,347,217 91   | 3,971,391 14  | 3,707,272 06  | 264,119 08  |  | 27,610 11   | 236,508 97   | 20                |
|  | 10,618,499 60   | 8,175,005 44  | 2,443,494 10  |  | 135,690 43  | 2,307,803 73   | 21                |
| 7,099 42   |   |   |   |  |   |  | 22                |
|  |   |   |   |  |   |  | 23                |
| 32,858 95  |   |   |   |  |   |  | 24                |
| 44,798 91  |   |   |   |  |   |  | 25                |
| 233,837 24   |   |   |   |  |   |  | 26                |
|  |   |   |   |  |   |  | 27                |
|  | 36,298 33   | 34,739 86   | 1,558 47  |  |   | 1,558 47   | 28                |
| 17,088 23  |   |   |   |  |   |  | 29                |
|  |   |   |   |  |   |  | 30                |
|  |   |   |   |  |   |  | 31                |
|  |   |   |   |  |   |  | 32                |
| 5,067 24   |   |   |   |  |   |  | 33                |
| 4,648,964 44   |   |   |   |  |   |  | 34                |
|  |   |   |   |  |   |  | 35                |
| 1,718,919 12   |   |   |   |  |   |  | 36                |
| 140,573 3  |   |   |   |  |   |  | 37                |
|  |   |   |   |  |   |  | 38                |
| 328,121 75   |   |   |   |  |   |  | 39                |
|  |   |   |   |  |   |  | 40                |
| 781 47   |   |   |   |  |   |  | 41                |
| 130,994 11   |   |   |   |  |   |  | 42                |
|  |   |   |   |  |   |  | 43                |
| 112,567 27   |   |   |   |  |   |  | 44                |
| 145,303 53   |   |   |   |  |   |  | 45                |
| 6,557 16   |   |   |   |  |   |  | 46                |
|  |   |   |   |  |   |  | 47                |
|  |   |   |   |  |   |  | 48                |
| 119,108 87   |   |   |   |  |   |  | 49                |

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TABLE 8—Income Account for the  
TABLEAU 8—Bilan pour

| I—Operating Income—Rail Operations—Transports par rail |   |                              |                               |                                       |                                |                              |
|--|---|------------------------------|-------------------------------|---------------------------------------|--------------------------------|------------------------------|
| Number   | Name of Railway<br>Nom du chemin de fer | Net Operating Revenue        | Net Operating Deficit         | Railway Tax Accruals                  | Uncollectable Railway Revenues | Net Operating Income         |
|  |   | Revenu net de l'exploitation | Déficit net de l'exploitation | Proportion courue des taxes et impôts | Revenus irrécouvrables         | Gains nets de l'exploitation |
|  |   | \$ cts.                      | \$ cts.                       | \$ cts.                               | \$ cts.                        | \$ cts.                      |
| 50   | New Brunswick Coal and Rly. Co.         |                              | 29,863 49                     | 38 45                                 |                                |                              |
| 51   | New Westminster Southern                |                              | 4,874 05                      | 722 13                                |                                |                              |
| 52   | Ottawa and New York                     |                              | 77,876 36                     | 13,117 19                             |                                |                              |
| 53   | Pere Marquette                          | 1,791,495 70                 |                               | 31,677 07                             | 307 82                         | 1,822,865 01                 |
| 54   | Pacific Great Eastern                   |                              | 357,588 83                    |                                       | 516 00                         |                              |
| 55   | Quebec Central                          | 586,522 48                   |                               | 22,200 00                             |                                | 564,322 48                   |
| 56   | Quebec, Montreal and Southern           |                              | 259,247 74                    | 5,602 28                              | 35 52                          |                              |
| 57   | Quebec Oriental                         | 36,086 20                    |                               |                                       |                                | 36,086 20                    |
| 58   | Quebec Rly., Light and Power Co.        |                              | 133,194 71                    | 9,464 69                              |                                |                              |
| 59   | Red Mountain                            |                              | 28,905 35                     | 2,574 61                              |                                |                              |
| 60   | Roberval-Saguenay                       | 83,610 00                    |                               |                                       |                                | 83,610 00                    |
| 61   | Rutland and Noyan                       |                              | 6,265 36                      | 28 40                                 |                                |                              |
| 62   | St. Lawrence and Adirondack             | 260,575 28                   |                               | 10,309 43                             |                                | 250,265 85                   |
| 63   | Sydney and Louisburg                    | 102,151 29                   |                               |                                       |                                | 102,151 29                   |
| 64   | Temiscouata                             | 41,372 14                    |                               |                                       |                                | 41,372 14                    |
| 65   | Temiskaming and Northern Ontario        | 48,536 87                    |                               |                                       |                                | 48,536 87                    |
| 66   | Thousand Islands                        | 18,564 02                    |                               |                                       |                                | 18,564 02                    |
| 67   | Toronto, Hamilton and Buffalo           | 493,919 02                   |                               | 72,000 00                             |                                | 421,919 02                   |
| 68   | Vancouver, Victoria and Eastern         |                              | 737,920 28                    | 97,862 08                             |                                |                              |
| 69   | Victoria Terminal Rly. and Ferry Co.    |                              | 1,709 50                      | 1,386 00                              |                                |                              |
| 70   | Victoria and Sidney, B.C.               |                              | 5,364 03                      | 459 82                                |                                |                              |
| 71   | Wabash (in Canada)                      | 1,190,505 58                 |                               |                                       |                                | 1,190,505 58                 |
|  | Totals                                  | 55,541,597 30                | 23,732,329 94                 | 5,554,333 03                          | 6,776 07                       | 50,909,658 91                |

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Year ending December 31, 1919—Continued

l'année terminée le 31 décembre 1919—suite

| Outside Operations—Opérations extérieures             |  |  |  |   |  |   | Number<br>N <sup>o</sup> |
|---|--|--|--|---|--|---|--------------------------|
| Net Operating Loss<br>Pertes nettes de l'exploitation | Revenue from Outside Operations<br>Revenu provenant d'opérations extérieures | Expenses for Outside Operations<br>Dépenses causées par les opérations extérieures | Net Revenue from Outside Operations<br>Revenu net des opérations extérieures | Net Deficit from Outside Operations<br>Déficit net des opérations extérieures | Taxes on Outside Operations<br>Taxes frappant les opérations extérieures | Net Income from Outside Operations<br>Gains nets sur opérations extérieures |                          |
| \$ cts  | \$ cts.  | \$ cts.  | \$ cts.  | \$ cts.   | \$ cts.  | \$ cts.   |                          |
| 29,901 94   |  |  |  |   |  |   | 50                       |
| 5,596 18  |  |  |  |   |  |   | 51                       |
| 90,993 49   |  |  |  |   |  |   | 52                       |
|   |  |  |  |   |  |   | 53                       |
| 358,104 82  |  |  |  |   |  |   | 54                       |
|   |  |  |  |   |  |   | 55                       |
|   |  |  |  |   |  |   | 56                       |
| 264,885 54  |  |  |  |   |  |   | 57                       |
|   |  |  |  |   |  |   | 58                       |
| 142,659 40  |  |  |  |   |  |   | 59                       |
| 31,479 96   |  |  |  |   |  |   | 60                       |
|   |  |  |  |   |  |   | 61                       |
| 6,293 78  |  |  |  |   |  |   | 62                       |
|   |  |  |  |   |  |   | 63                       |
|   |  |  |  |   |  |   | 64                       |
|   |  |  |  |   |  |   | 65                       |
|   |  |  |  |   |  |   | 66                       |
|   |  |  |  |   |  |   | 67                       |
|   |  |  |  |   |  |   | 68                       |
| 835 782 36  |  |  |  |   |  |   | 69                       |
|   |  |  |  |   |  |   | 70                       |
| 3 095 50  |  |  |  |   |  |   | 71                       |
| 5 823 85  |  |  |  |   |  |   |                          |
| 24,661,500 65   | 14,626 189 07  | 11,918,477 05  | 2,709,171 71   | 1,459 69  | 163,705 54   | 2,545,871 17  |                          |

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TABLE 8—Income Account for the Year

TABLEAU 8—Bilan pour

| Number—<br>Numéro | Name of Railway<br>—<br>Nom du chemin de fer | Outside Operations—Opérations extérieures         |  |   |  |                                     |
|-------------------|--|---|--|---|--|-------------------------------------|
|                   |  | Net Loss<br>from<br>Outside<br>Operations         | Total<br>Operating<br>Income                     | Total<br>Operating<br>Loss              | Hire of<br>Freight-Cars<br>Credit<br>Balance       | Rent from<br>all other<br>Equipment |
|                   |  | Pertes nettes<br>sur<br>opérations<br>extérieures | Revenu<br>total<br>dérivant de<br>l'exploitation | Pertes totales<br>sur<br>l'exploitation | Loyer de<br>wagons-march.<br>Balance<br>créditrice | Loyer de<br>tout autre<br>matériel  |
|                   | §    cts.                                    | §    cts.   | §    cts.  | §    cts.                               | §    cts.  |                                     |
| 1                 | Algoma Central and Hudson Bay                |   |  | 1,387 92                                |  | 3,550 49                            |
| 2                 | Algoma Eastern                               |   | 279,997 05                                       |   |  | 2,633 00                            |
| 3                 | Alberta and Great Waterways                  | 1,864 69  |  | 25,914 73                               | 8,961 20   | 9,591 00                            |
| 4                 | Atlantic, Quebec and Western                 |   |  | 41,287 03                               |  | 4,066 67                            |
| 5                 | Brandon, Sask. and Hudson Bay                |   |  | 134,932 28                              |  |                                     |
| 6                 | British Yukon                                |   | 32,572 68  |   |  |                                     |
| 7                 | Canada & Gulf Terminal                       |   | 32,665 25  |   |  |                                     |
| 8                 | Canada Southern                              |   | 7,004,430 82                                     |   |  | 45,819 62                           |
| 9                 | Canadian National Railways—                  |   |  |   |  |                                     |
| 10                | Intercolonial                                |   |  | 3,585,085 64                            | 1,355,311 87                                       |                                     |
| 11                | Prince Edward Island                         |   |  | 752,139 55                              |  |                                     |
| 12                | International of New Brunswick               |   |  | 278,539 28                              |  |                                     |
| 13                | St. John and Quebec                          |   |  | 96,522 73                               |  |                                     |
| 14                | Transcontinental                             |   |  | 2,735,494 72                            | 111,728 17   |                                     |
| 15                | Elgin and Havelock                           |   |  | 29,872 10                               |  |                                     |
| 16                | Moncton and Buctouche                        |   |  | 50,882 19                               | 120 36   |                                     |
| 17                | Salisbury and Albert                         |   |  | 65,857 41                               |  |                                     |
| 18                | St. Martins                                  |   |  | 32,211 17                               |  |                                     |
| 19                | York and Carleton                            |   |  | 18,142 74                               |  |                                     |
| 20                | Canadian Northern                            |   |  | 7,110,708 94                            |  | 512,507 88                          |
| 21                | Canadian Pacific                             |   | 32,134,734 11                                    |   | 2,729,960 63                                       | 294,278 74                          |
| 22                | Cape Breton                                  |   |  | 7,099 42                                |  |                                     |
| 23                | Caracquet and Gulf Shore                     |   | 7,208 11   |   |  |                                     |
| 24                | Central Canada                               |   |  | 32,858 95                               |  |                                     |
| 25                | Central Vermont                              |   |  | 44,798 91                               |  |                                     |
| 26                | Crow's Nest Southern                         |   |  | 233,857 24                              |  |                                     |
| 27                | Cumberland                                   |   | 44,590 53  |   |  |                                     |
| 28                | Dominion Atlantic                            |   | 262,196 27                                       |   |  |                                     |
| 29                | Eastern British Columbia                     |   |  | 17,088 23                               |  |                                     |
| 30                | Edmonton, Dunvegan and British Columbia      |   | 172,801 18                                       |   |  |                                     |
| 31                | Essex Terminal                               |   | 15,245 84  |   |  |                                     |
| 32                | Esquimault and Nanaimo                       |   | 345,642 86                                       |   |  |                                     |
| 33                | Fredericton and Grand Lake Coal and Rly. Co. |   |  | 5,067 24                                |  |                                     |
| 34                | Grand Trunk                                  |   | 7,530,924 74                                     |   | 270,979 97   | 420,195 47                          |
| 35                | Grand Trunk Pacific                          |   |  | 4,648,934 44                            | 1,203,383 34                                       | 134,671 43                          |
| 36                | Grand Trunk Pacific Branch Lines             |   |  | 1,718,919 12                            |  |                                     |
| 37                | Hereford                                     |   |  | 140,573 39                              | 3 77   | 1,259 69                            |
| 38                | Kent Northern                                |   | 21,586 96  |   |  |                                     |
| 39                | Kettle Valley                                |   |  | 328,121 75                              |  |                                     |
| 40                | Lotbiniere and Megantic                      |   | 5,161 08   |   |  |                                     |
| 41                | Maine Central                                |   |  | 781 47                                  | 0 71   | 191 04                              |
| 42                | Manitoba Great Northern                      |   |  | 130,994 11                              |  |                                     |
| 43                | Maritime Coal Rly. and Power Co.             |   | 38,805 18  |   |  |                                     |
| 44                | Massawippi Valley                            |   |  | 112,567 27                              |  |                                     |
| 45                | Midland of Manitoba                          |   |  | 145,303 53                              |  |                                     |
| 46                | Montreal and Atlantic                        |   |  | 6,557 16                                |  |                                     |
| 47                | Morrissey, Fernie and Michel                 |   | 200 15   |   |  |                                     |
| 48                | Napierville Junction                         |   | 110,059 84                                       |   |  | 25 00                               |
| 49                | Nelson and Fort Sheppard                     |   |  | 119,108 87                              |  |                                     |

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ending December 31, 1919—Continued

l'année terminée le 31 décembre 1919—suite

| II.—Non-Operating Income—Ne dérivant pas de l'exploitation                |   |   |  |   |  |   | Number—<br>Número |
|---|---|---|--|---|--|---|-------------------|
| Joint Facility rent Income<br>—<br>Loyer de bâtiments et matériel communs | Income from lease of Road<br>—<br>Loyer de voies louées | Miscellaneous rent Income<br>—<br>Loyers divers | Other properties Income<br>—<br>Loyers d'autres propriétés | Income from Funds and Securities<br>—<br>Revenu provenant de fonds et valeurs | Release of premiums on Funded Debt<br>—<br>Décharge de primes sur dette consolidée | Miscellaneous Income<br>—<br>Revenus divers |                   |
| \$ cts.   | \$ cts.   | \$ cts.   | \$ cts.  | \$ cts.   | \$ cts.  | \$ cts.                                     |                   |
|   |   | 1,920 21  |  | 111,479 93  |  |   | 1                 |
|   |   |   |  | 1,176 55  |  | 851 87                                      | 2                 |
| 7,446 54  |   | 6,106 16  | 3,772 23   |   |  | 28,328 37                                   | 3                 |
|   |   | 10 00   |  |   |  | 76,101 47                                   | 4                 |
|   |   | 517 56  |  | 15,965 00   |  |   | 5                 |
|   |   |   |  |   |  |   | 6                 |
| 204,053 81  |   | 440 39  |  | 64,630 73   |  | 278 00                                      | 7                 |
|   |   |   |  |   |  |   | 8                 |
|   |   |   |  |   |  |   | 9                 |
| 440 56  |   |   |  |   |  |   | 10                |
|   |   |   |  |   |  |   | 11                |
| 1,220 65  |   |   |  |   |  |   | 12                |
| 44 46   |   |   |  |   |  |   | 13                |
|   |   |   |  |   |  |   | 14                |
|   |   |   |  |   |  |   | 15                |
| 140 94  |   |   |  |   |  |   | 16                |
|   |   |   |  |   |  |   | 17                |
|   |   |   |  |   |  |   | 18                |
| 288,890 80  |   | 232,999 45                                      |  | 178,074 22  |  | 979,442 46                                  | 19                |
| 328,415 21  | 50,000 00   | 20,085 33                                       |  | 3,313,467 10  |  | 3,623,379 34                                | 20                |
|   |   |   |  |   |  |   | 21                |
|   |   |   |  |   |  |   | 22                |
| 22,244 95   |   | 200 00  |  |   |  | 62 50                                       | 23                |
|   |   | 201 68  |  |   |  |   | 24                |
|   |   |   | 14,625 00  |   |  |   | 25                |
|   |   |   |  |   |  |   | 26                |
| 21,708 96   |   |   | 6,257 47   |   |  | 2,964 31                                    | 27                |
|   |   |   |  |   |  |   | 28                |
|   |   |   |  |   |  |   | 29                |
|   |   |   |  |   |  |   | 30                |
|   |   |   |  |   |  |   | 31                |
|   |   |   |  |   |  |   | 32                |
| 610,054 52  | 10,000 00   | 84,519 27                                       | 84,320 43  | 4,100,795 70  |  | 79,724 19                                   | 33                |
| 4,866 40  | 600,000 00  | 12,977 32                                       |  | 8,265 38  |  | 1,746,931 17                                | 34                |
|   |   | 3,431 95  |  |   |  |   | 35                |
|   |   | 39 00   |  |   |  | †4,000,158 18                               | 36                |
|   |   |   |  |   |  |   | 37                |
| 149,124 30  |   |   |  |   |  |   | 38                |
|   |   | 312 35  |  |   |  |   | 39                |
|   |   |   |  |   |  |   | 40                |
|   |   |   | 126,218 22   | 15,630 84   |  |   | 41                |
|   |   |   |  |   |  |   | 42                |
|   |   | 25,835 23                                       |  |   |  |   | 43                |
| 1,400 00  |   |   |  | 0 20  |  |   | 44                |
|   |   |   |  |   |  |   | 45                |
|   |   |   |  |   |  |   | 46                |
|   |   |   |  |   |  |   | 47                |
| 721 41  |   | 126 00  |  | 16 33   |  | 1,172 50                                    | 48                |
|   |   | Dr. 18 95                                       |  | 10,425 73   |  |   | 49                |
|   |   |   |  | 8,008 93  |  |   |                   |

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TABLE 8—Income Account for the Year

TABLEAU 8—Bilan pour

| Number—<br>Numéro | Name of Railway<br>—<br>Nom du chemin de fer     | Outside Operations—Opérations extérieures         |  |   |  |                                     |
|-------------------|--|---|--|---|--|-------------------------------------|
|                   |  | Net Loss<br>from<br>Outside<br>Operations         | Total<br>Operating<br>Income                     | Total<br>Operating<br>Loss              | Hire of<br>Freight-Cars<br>Credit<br>Balance       | Rent from<br>all other<br>Equipment |
|                   |  | Pertes nettes<br>sur<br>opérations<br>extérieures | Revenu<br>total<br>dérivant de<br>l'exploitation | Pertes totales<br>sur<br>l'exploitation | Loyer de<br>wagons march.<br>Balance<br>créditrice | Loyer de<br>tout autre<br>matériel  |
|                   |  | \$ cts.   | \$ cts.  | \$ cts.                                 | \$ cts.  | \$ cts.                             |
| 50                | New Brunswick Coal and<br>Rly. ....              |   |  | 29,901 94                               |  |                                     |
| 51                | New Westminster Southern<br>.....                |   |  | 5,596 18                                |  |                                     |
| 52                | Ottawa and New York<br>.....                     |   |  | 90,993 49                               |  | 45 60                               |
| 53                | Pere Marquette<br>.....                          |   | 1,822,865 01                                     |   |  | 2,007 52                            |
| 54                | Pacific Great Eastern<br>.....                   |   |  | 358,104 83                              | 107,787 24   | 50,420 35                           |
| 55                | Quebec Central<br>.....                          |   | 564,322 48                                       |   |  |                                     |
| 56                | Quebec, Montreal and<br>Southern<br>.....        |   |  | 264,885 54                              | 273,989 66   | 5,515 42                            |
| 57                | Quebec Oriental<br>.....                         |   | 36,086 26  |   | 52,048 37  | 1,155 00                            |
| 58                | Quebec Rly. Light and<br>Power Co.<br>.....      |   |  | 142,659 40                              |  |                                     |
| 59                | Red Mountain<br>.....                            |   |  | 31,479 96                               |  |                                     |
| 60                | Roberval-Saguenay<br>.....                       |   | 83,610 06  |   |  |                                     |
| 61                | Rutland and Noyan<br>.....                       |   |  | 6,293 79                                |  |                                     |
| 62                | St. Lawrence and Adiron-<br>dack<br>.....        |   | 250,265 87                                       |   |  | 1,018 37                            |
| 63                | Sydney and Louisburg<br>.....                    |   | 102,151 29                                       |   |  |                                     |
| 64                | Tenniscouata<br>.....                            |   | 41,372 14  |   |  |                                     |
| 65                | Tenniskaming and Northern<br>Ontario<br>.....    |   | 48,536 87  |   |  | 9,087 43                            |
| 66                | Thousand Islands<br>.....                        |   | 18,564 02  |   |  |                                     |
| 67                | Toronto, Hamilton and<br>Buffalo<br>.....        |   | 421,919 02                                       |   | 105,421 99   |                                     |
| 68                | Vancouver, Victoria and<br>Eastern<br>.....      |   |  | 835,782 36                              |  |                                     |
| 69                | Victoria Terminal Rly. and<br>Ferry Co.<br>..... |   |  | 3,095 50                                |  |                                     |
| 70                | Victoria and Sidney, B.C.<br>.....               |   |  | 5,823 85                                |  |                                     |
| 71                | Wabash in Canada<br>.....                        |   | 1,190,505 58                                     |   |  |                                     |
|                   | Total  | 1,864 69  | 53,219,021 11                                    | 24,426,856 37                           | 6,219,697 22                                       | 1,498,039 22                        |



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ending December 31, 1919—Continued

l'année terminée le 31 décembre 1919—suite

| II.—Non-Operating Income—Ne dérivant pas de l'exploitation                                 |  |  |  |   |  |   | Number<br>—<br>N <sup>o</sup> |
|--|--|--|--|---|--|---|-------------------------------|
| Joint<br>Facility<br>rent<br>Income<br>—<br>Loyer de<br>bâtimens<br>et matériel<br>communs | Income<br>from<br>lease of<br>Road<br>—<br>Loyer<br>de voies<br>louées | Miscellaneous<br>rent<br>Income<br>—<br>Loyers<br>divers | Other<br>properties<br>Income<br>—<br>Loyers<br>d'autres<br>propriétés | Income<br>from<br>Funds and<br>Securities<br>—<br>Revenu<br>provenant<br>de fonds<br>et valeurs | Release of<br>premiums<br>on Funded<br>Debt<br>—<br>Décharge<br>de primes<br>sur dette<br>consolidée | Miscellaneous<br>Income<br>—<br>Revenus<br>divers |                               |
| \$ cts.  | \$ cts.  | \$ cts.  | \$ cts.  | \$ cts.   | \$ cts.  | \$ cts.   |                               |
|  |  | 24 09  |  |   |  |   | 50                            |
| 73 41  |  |  |  |   |  |   | 51                            |
| 4,300 12   |  | 1,619 88   |  | 150,000 00  |  |   | 52                            |
|  |  | 1,588 93   |  |   |  |   | 53                            |
|  |  |  |  |   |  | 35,842 63   | 54                            |
|  |  |  |  |   |  |   | 55                            |
| 111 46   |  | 3,135 23   |  | 42,370 77   |  | Dr. 7 34  | 56                            |
|  |  | 151 00   |  |   |  |   | 57                            |
|  |  |  |  |   |  |   | 58                            |
|  |  | 58 70  |  |   |  |   | 59                            |
|  | 4,000 00   | 1,071 00   | 72,832 00  |   |  |   | 60                            |
|  |  |  |  |   |  |   | 61                            |
|  |  |  |  |   |  | 8,246 98  | 62                            |
|  |  |  |  |   |  |   | 63                            |
|  |  |  |  | 1,127 41  |  | 1,082 70  | 64                            |
| 19,038 71  | 12,155 99  |  |  |   |  | 28,206 03   | 65                            |
|  |  |  |  | 1,275 56  |  |   | 66                            |
| 44,677 64  | 26,734 08  | 25,640 49  |  | 3,804 56  |  |   | 67                            |
| 207,623 24   |  | 35,441 89  | 1,265 16   |   |  | 0 12  | 68                            |
|  |  | 462 14   |  |   |  | 93 69   | 69                            |
|  |  |  |  |   |  | 23 06   | 70                            |
|  |  |  |  |   |  |   | 71                            |
| 1,916,598 09   | 702,890 07   | 458,896 30   | 309,290 51   | 8,026,514 94  |  | 10,612,882 23                                     |                               |

†Contribution from G. T. Pacific—Contributions de G. T. Pacifique.

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TABLE 8—Income Account for the Year

TABLEAU 8—Bilan pour

| Number—Numéro | Name of Railway<br>—<br>Nom du chemin de fer  | II.—Non-Operating<br>Income<br>—<br>Ne dérivant pas de<br>l'exploitation |  | III.—Non-Operating Expenses—                               |                                       |  |                                |
|---------------|---|--|--|--|---------------------------------------|--|--------------------------------|
|               |   | Total<br>Non-<br>Operating<br>Income                                     | Gross<br>Corporate<br>Income           | Hire of<br>Freight<br>Cars<br>Debit<br>Balance             | Rent for<br>all other<br>Equipment    | Joint<br>Facilities<br>Rents                       | Rent<br>for<br>Leased<br>Roads |
|               |   | Total du<br>revenu ne<br>dérivant<br>pas de<br>l'exploita-<br>tion       | Revenu<br>brut<br>de la<br>corporation | Location<br>de wagons<br>de march.<br>Balance<br>débitrice | Location de<br>tout autre<br>matériel | Location de<br>bâtiments<br>et matériel<br>communs | Location<br>de voies<br>férées |
|               |   | \$ cts.  | \$ cts.                                | \$ cts.  | \$ cts.                               | \$ cts.  | \$ cts.                        |
| 1             | Algoma Central and Hudson Bay                 | 116,950 63   | 115,562 71                             | 10,104 75  | 586 64                                |  |                                |
| 2             | Algoma Eastern                                | 4,661 42   | 284,658 47                             | 17,717 76  | 3,893 80                              | 4,902 35   |                                |
| 3             | Alberta and Great Waterways                   | 64,205 50  | 38,290 77                              |  |                                       | 23,464 96  |                                |
| 4             | Atlantic, Quebec and Western                  | 80,178 14  | 38,891 11                              | 31,848 00  | 872 22                                |  |                                |
| 5             | Brandon, Sask. and Hudson Bay                 | 517 56   | -134,414 72                            | 1,691 73   |                                       |  |                                |
| 6             | British Yukon                                 | 15,995 00  | 48,537 68                              |  |                                       |  |                                |
| 7             | Canada and Gulf Terminal                      |  | 32,665 27                              | 4,761 47   |                                       |  |                                |
| 8             | Canada Southern                               | 315,222 55   | 7,919,653 37                           | 1,350,269 02   | 203,780 57                            | 1,130,724 20                                       |                                |
| 9             | Canadian National Railways:—                  |  |  |  |                                       |  |                                |
| 10            | Intercolonial                                 | 1,355,311 87   | -2,230,373 77                          |  |                                       | 48,839 81  | 7,344 22                       |
| 11            | Prince Edward Island                          | 440 56   | -751,698 99                            | 2,440 36   |                                       |  |                                |
| 12            | International of New Brunswick                | 1,220 65   | -277,318 63                            | 15,924 00  |                                       |  | 45,000 00                      |
| 13            | St. John and Quebec                           | 44 46  | -96,478 27                             | 27,710 40  |                                       |  | 63,081 30                      |
| 14            | Transcontinental                              | 111,728 17   | -2,623,766 55                          |  |                                       | 137,509 03   | 600,000 00                     |
| 15            | Elgin and Havelock                            |  | -29,872 10                             | 1,047 60   |                                       |  |                                |
| 16            | Moncton and Buctouche                         | 120 36   | -50,761 83                             | 1,730 00   |                                       |  |                                |
| 17            | Salisbury and Albert                          | 140 94   | -65,716 47                             | 4,998 60   |                                       |  |                                |
| 18            | St. Martins                                   |  | -32,211 17                             | 787 50   |                                       |  |                                |
| 19            | York and Carleton                             |  | -18,142 74                             | 542 20   |                                       |  |                                |
| 20            | Canadian Northern                             | 2,191,914 31   | -4,918,294 63                          | 202,731 22   | 369,654 78                            | 201,150 54   | 225,000 00                     |
| 21            | Canadian Pacific                              | 10,359,586 35  | 42,494,320 46                          |  | 79,829 11                             | 163,196 33   | 2,372,133 58                   |
| 22            | Cape Breton                                   |  | -7,099 42                              | 937 20   |                                       |  |                                |
| 23            | Carleton and Gulf Shore                       |  | 7,208 11                               |  |                                       |  |                                |
| 24            | Central Canada                                |  | -32,858 95                             | 3,893 20   | 942 54                                |  |                                |
| 25            | Central Vermont                               | 22,507 45  | -22,291 46                             |  | 16,859 57                             | 830 96   |                                |
| 26            | Crow's Nest Southern                          | 201 68   | -233,655 56                            | 5,666 87   |                                       | 282 00   |                                |
| 27            | Cumberland                                    |  | 44,590 53                              |  |                                       |  |                                |
| 28            | Dominion Atlantic                             | 14,625 00  | 276,821 27                             | 45,015 82  | 9,960 04                              | 624 96   | 71,734 45                      |
| 29            | Eastern British Columbia                      |  | -17,088 23                             | 5,461 00   |                                       |  |                                |
| 30            | Edmonton, Dunvegan and British<br>Columbia    | 30,930 74  | 203,731 92                             | 44,877 50  | 5,832 72                              | 11,669 04  |                                |
| 31            | Essex Terminal                                |  | 15,245 84                              |  |                                       |  |                                |
| 32            | Esquimaux and Nanaimo                         |  | 345,642 86                             | 40,989 87  | 15,987 37                             |  |                                |
| 33            | Fredericton and Grand Lake Coal and<br>Rly Co |  | -5,067 24                              | 21,955 85  |                                       |  |                                |
| 34            | Grand Trunk                                   | 5,660,589 55   | 13,191,514 29                          |  | 452,726 81                            | 60,098 63  | 368,456 28                     |
| 35            | Grand Trunk Pacific                           | 3,711,095 64   | -937,869 40                            |  | 26,633 26                             | 117,300 86   |                                |
| 36            | Grand Trunk Pacific Branch Lines              | 4,003,590 13   | 2,284,671 01                           |  |                                       |  |                                |
| 37            | Hereford                                      | 1,302 40   | -139,270 93                            | 1,274 03   | 273 24                                | 360 00   | 69,569 16                      |
| 38            | Kent Northern                                 |  | 21,586 96                              |  |                                       |  |                                |
| 39            | Kettle Valley                                 | 149,124 30   | -178,997 45                            | 78,711 77  |                                       | 69,664 70  | 25,000 00                      |
| 40            | Lothbiniere and Mecanic                       |  | 5,161 08                               | 2,120 81   |                                       |  |                                |
| 41            | Maine Central                                 | 191 75   | -589 72                                | 299 27   | 51 25                                 |  |                                |
| 42            | Manitoba Great Northern                       | 312 35   | -130,681 76                            | 1,135 76   |                                       | 3,982 44   |                                |
| 43            | Maritime Coal, Rly. and Power Co.             | 141,849 06   | 180,654 24                             | 8,825 40   |                                       |  |                                |
| 44            | Massawippi Valley                             |  | -112,567 27                            | 9,510 22   | 7,309 12                              | 2,199 67   | 24,000 00                      |
| 45            | Midland of Manitoba                           | 25,835 43  | -119,468 10                            | 13,789 74  |                                       | 61,948 63  |                                |
| 46            | Montreal and Atlantic                         | 1,400 00   | -5,157 16                              | 4,092 42   | 21,691 01                             | 2,348 60   | 33,120 00                      |
| 47            | Morrissey, Fernie and Michel                  | 16 33  | 216 48                                 |  |                                       |  |                                |
| 48            | Napierville Junction                          | 12,470 64  | 122,530 48                             | 18,397 45  | 18,583 92                             | 9,483 50   |                                |
| 49            | Nelson and Fort Sheppard                      | 7,959 98   | -111,118 89                            | 1,447 50   |                                       | 2,400 00   |                                |
| 50            | New Brunswick Coal and Rly. Co                |  | -29,901 94                             |  |                                       |  |                                |
| 51            | New Westminster Southern                      | 24 09  | -5,572 09                              | 18 68  |                                       |  |                                |
| 52            | Ottawa and New York                           | 119 01   | -90,874 48                             | 8,368 90   | 12,170 61                             | 4,791 49   |                                |
| 53            | Pere Marquette                                | 157,927 52   | 1,980,792 53                           | 271,294 91   | 222,058 85                            | 213,456 79   | 175,157 43                     |
| 54            | Pacific Great Eastern                         | 159,796 52   | -198,308 31                            |  | 438 00                                |  |                                |
| 55            | Quebec Central                                | 35,842 63  | 600,165 11                             | 34,509 63  |                                       |  |                                |
| 56            | Quebec, Montreal and Southern                 | 325,115 14   | 60,229 60                              |  | 3,610 21                              | 6,108 33   |                                |
| 57            | Quebec Oriental                               | 53,354 37  | 89,440 57                              | 73,876 24  | 7,598 33                              |  |                                |
| 58            | Quebec Rly., Light and Power Co.              |  | -142,659 40                            |  |                                       |  |                                |
| 59            | Red Mountain                                  | 58 70  | -31,421 26                             | 13 19  |                                       |  |                                |

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ending December 31, 1919—Continued

l'année terminée le 31 décembre 1919—suite

Dépenses autres que celles de l'exploitation

| Miscellaneous Rents — Locations diverses | Miscellaneous Tax Accruals — Proportion de Taxes diverses | Other properties Loss — Pertes encourues sur d'autres propriétés | Interest on Funded and Unfunded Debt — Intérêt sur dette consolidée ou flottante | Amortization of discount on Funded Debt — Amortissement d'es-compte sur dette consolidée | Maintenance of Investment Organization — Coût de l'organisation chargée des placements | Miscellaneous Income Charges — Charges diverses à prélever sur le revenu | Total Non-operating Expenses — Total des dépenses autres que celles de l'exploitation | Net Corporate Income — Revenu net de la corporation | Net Corporate Loss — Pertes nettes de la corporation | Number — Numéro |
|--|---|--|--|--|--|--|---|---|--|-----------------|
| \$ cts.                                  | \$ cts.   | \$ cts.  | \$ cts.  | \$ cts.  | \$ cts.  | \$ cts.  | \$ cts.   | \$ cts.   | \$ cts.  |                 |
| 250,051 32                               |   |  | 519,120 00   |  |  |  | 779,862 71  |   | 664,300 00   | 1               |
| 53,913 15                                |   |  | 184,956 81   |  |  |  | 265,383 87  | 19,274 60   |  | 2               |
| 214 19                                   | 3,326 02  |  | 149,869 91   |  |  | 6,056 54   | 179,391 41  |   | 141,100 64   | 3               |
|  |   |  |  |  |  | 2,630 68   | 38,891 11   |   |  | 4               |
|  |   |  | 105,582 02   |  |  |  | 1,691 73  |   | 136,106 45   | 5               |
|  |   |  | 37,000 00  |  |  | 2,880 68   | 108,462 70  |   | 59,925 02  | 6               |
| 219 92                                   |   |  | 1,797,986 09   |  |  |  | 41,761 45   |   | 9,096 20   | 7               |
|  |   |  |  |  |  | 809 02   | 4,603,788 82  | 3,315 864 55  |  | 8               |
|  |   |  |  |  |  |  |   |   |  | 9               |
|  |   |  |  |  |  |  | 56,184 03   |   | 2,286,557 80   | 10              |
|  |   |  |  |  |  |  | 2,440 36  |   | 754,139 35   | 11              |
|  |   |  |  |  |  |  | 60,924 00   |   | 338,242 63   | 12              |
|  |   |  |  |  |  |  | 90,791 70   |   | 187,269 97   | 13              |
|  |   |  |  |  |  |  | 737,509 03  |   | 3,361,275 58   | 14              |
|  |   |  |  |  |  |  | 1,047 50  |   | 30,919 70  | 15              |
|  |   |  |  |  |  |  | 1,730 00  |   | 52,491 83  | 16              |
|  |   |  |  |  |  |  | 4,998 60  |   | 70,715 07  | 17              |
|  |   |  |  |  |  |  | 787 80  |   | 32,998 97  | 18              |
|  |   |  |  |  |  |  | 542 20  |   | 18,684 94  | 19              |
| 44,456 11                                | 5,564 93  |  | 19,744,710 36  | 467,182 81   |  | 8,263 96   | 21,268,714 71   |   | 26,157,509 34  | 20              |
|  |   | 432,702 79   | 7,634,590 10   |  |  |  | 10,673,451 91   | 31,820,868 55                                       |  | 21              |
|  |   |  |  |  |  |  | 937 20  |   | 8,036 62   | 22              |
|  |   |  | 52,898 82  |  |  |  |   | 7,208 11  |  | 23              |
|  |   |  |  |  |  |  | 57,734 56   |   | 90,593 51  | 24              |
|  |   |  |  |  |  |  | 17,690 53   |   | 39,981 99  | 25              |
| 1 00                                     |   |  |  |  |  |  | 5,949 87  |   | 239,605 43   | 26              |
|  |   |  | 239,926 67   |  |  |  |   | 41,590 53   |  | 27              |
|  |   |  |  |  |  |  | 367,261 94  |   | 90,440 67  | 28              |
|  |   |  |  |  |  | 10 51  | 5,471 51  |   | 22,559 74  | 29              |
| 123 44                                   |   |  | 397,211 45   |  |  | 4,369 55   | 464,084 00  |   | 260,352 08   | 30              |
|  |   |  | 193,289 00   |  |  |  |   | 15,245 84   |  | 31              |
|  |   |  |  |  |  |  | 250,287 24  | 95,385 62   |  | 32              |
|  |   |  |  |  |  | 47,876 04  | 69,831 89   |   | 74,899 13  | 33              |
| 116,872 15                               |   | 1,698,732 33   | 10,197,638 39  |  |  | 292,083 99   | 13,186,608 58   | 4,905 71  |  | 34              |
| 19,381 37                                |   | 4,314,483 07   | 8,058,840 80   |  |  | 8,556 10   | 12,545,195 26   |   | 13,483,064 66  | 35              |
| 110 00                                   |   |  | 1,231,850 88   |  |  |  | 1,231,960 88  | 1,052,710 13  |  | 36              |
| 40 00                                    |   |  |  |  |  |  | 71,516 43   |   | 210,787 36   | 37              |
|  |   |  |  |  |  |  |   | 21,586 96   |  | 38              |
|  |   |  | 541,200 00   |  |  |  | 714,576 47  |   | 893,373 92   | 39              |
|  |   |  |  |  |  |  | 2,120 81  | 3,040 27  |  | 40              |
|  |   |  | 3,150 00   |  |  |  | 3,430 52  |   | 4,020 24   | 41              |
|  |   |  |  |  |  |  | 5,118 20  |   | 135,799 96   | 42              |
|  |   |  | 96,455 11  | 8,464 31   |  |  | 113,744 82  | 66,909 42   |  | 43              |
|  |   |  |  |  |  |  | 43,019 01   |   | 155,586 28   | 44              |
|  |   |  | 1,807 83   |  |  |  | 77,546 20   |   | 197,014 30   | 45              |
|  |   |  | 52,650 00  |  |  |  | 113,902 03  |   | 119,059 19   | 46              |
|  |   |  |  |  |  |  |   | 216 48  |  | 47              |
| 30 24                                    |   |  |  |  |  |  | 46,495 11   | 76,035 37   |  | 48              |
|  | 3,202 15  | 4,198 51   |  |  |  |  | 11,245 16   |   | 122,367 05   | 49              |
|  |   |  |  |  |  |  |   |   | 29,901 94  | 50              |
|  |   |  |  |  |  |  | 18 68   |   | 5,590 77   | 51              |
| 100 00                                   |   |  | 249,800 00   |  |  |  | 25,331 00   |   | 116,205 48   | 52              |
| 1,333 71                                 |   |  | 2,143,127 82   | 83,518 63  |  | 3,827 60   | 1,135,695 58  | 845,096 95  |  | 53              |
|  |   |  | 257,560 94   |  |  | 588 61   | 2,229,006 77  |   | 2,427,315 08   | 54              |
| 404 75                                   |   |  | 258,561 22   |  |  |  | 292,070 57  | 308,094 54  |  | 55              |
| 476 67                                   | 3,181 28  |  | 102,489 15   |  |  | 58 59  | 268,743 10  |   | 208,513 50   | 56              |
|  |   |  |  |  |  |  | 187,621 67  |   | 98,181 10  | 57              |
| Cr. 7 00                                 |   |  |  |  |  |  |   |   | 142,639 40   | 58              |
|  |   |  |  |  |  |  |   |   | 31,427 45  | 59              |

\*\$7,051,395.30 Interest on Consolidated Debenture Stock.--\$Dont \$7,051,395.30 pour intérêt sur obligations de priorité.

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TABLE 8—Income Account for the Year

TABLEAU 8—Bilan pour

| Number—Numéro | Name of Railway<br>—<br>Nom du chemin de fer | II.—Non-Operating<br>Income<br>—<br>Ne dérivant pas de<br>l'exploitation |  | III.—Non-Operating Expenses<br>—<br>Dépenses autres que celles de l'exploitation |                                       |  |                                 |
|---------------|--|--|--|--|---------------------------------------|--|---------------------------------|
|               |  | Total<br>Non-<br>Operating<br>Income                                     | Gross<br>Corporate<br>Income           | Hire of<br>Freight<br>Cars<br>Debit<br>Balance                                   | Rent for<br>all other<br>Equipment    | Joint<br>Facilities<br>Rents                       | Rent<br>for<br>Leased<br>Roads  |
|               |  | Total du<br>revenu ne<br>dérivant<br>pas de<br>l'exploita-<br>tion       | Revenu<br>brut<br>de la<br>corporation | Location<br>de wagons<br>de march.<br>Balance<br>débitrice                       | Location de<br>tout autre<br>matériel | Location de<br>bâtiments<br>et matériel<br>communs | Location<br>de voies<br>ferrées |
|               |  | \$   | cts.                                   | \$   | cts.                                  | \$   | cts.                            |
| 60            | Roberval-Saguenay . . . . .                  | 73,903 00  | 157,513 00                             | 29,331 00  |                                       |  |                                 |
| 61            | Rutland and Noyan . . . . .                  | 4,000 00   | -2,293 79                              |  |                                       |  |                                 |
| 62            | St. Lawrence and Adirondack . . . . .        | 1,018 37   | 251,284 22                             | 19,435 96  | 18,618 40                             | 140,945 58   | 10,000 00                       |
| 63            | Sydney and Louisburg . . . . .               | 8,246 98   | 110,398 27                             |  |                                       |  |                                 |
| 64            | Temiscouata . . . . .                        | 2,210 11   | 43,582 25                              | 11,052 32  |                                       |  |                                 |
| 65            | Temiskaming and Northern Ontario . . . . .   | 68,488 16  | 117,025 03                             | 51,922 37  |                                       | 3,965 00   |                                 |
| 66            | Thousand Islands . . . . .                   | 1,275 56   | 19,839 58                              | 1,178 15   |                                       |  |                                 |
| 67            | Toronto, Hamilton and Buffalo . . . . .      | 206,278 76   | 628,197 78                             |  |                                       | 10,559 81  |                                 |
| 68            | Vancouver, Victoria and Eastern . . . . .    | 244,330 41   | -591,451 95                            | 14,317 27  |                                       | 221,336 64   |                                 |
| 69            | Victoria Terminal Rly. and Ferry Co. . . . . | 355 83   | -2,339 67                              | 35 98  |                                       |  |                                 |
| 70            | Victoria and Sidney, B.C. . . . .            | 23 06  | -5,800 79                              | 563 22   |                                       |  |                                 |
| 71            | Wabash (in Canada) . . . . .                 |  | 1,190,505 58                           |  |                                       |  |                                 |
|               | Totals . . . . .                             | 29,744,808 58  | 58,536,973 32                          | 2,529,454 69   | 1,580,962 37                          | 2,653,874 85                                       | 4,089,596 42                    |

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ending December 31, 1919—Continued

l'année terminée le 31 décembre 1919—suite

| Miscellaneous Rents<br>—<br>Locations diverses | Miscellaneous Tax Accruals<br>—<br>Proportion de taxes diverses | Other properties Loss<br>—<br>Pertes encourues sur d'autres propriétés | Interest on Funded and Unfunded Debt<br>—<br>Intérêt sur dette consolidée ou flottante | Amortization of discount on Funded Debt<br>—<br>Amortissement d'es-compte sur dette consolidée | Maintenance of Investment Organization<br>—<br>Coût de l'organisation chargée des placements | Miscellaneous Income Charges<br>—<br>Charges diverses à prélever sur le revenu | Total Non-operating Expenses<br>—<br>Total des dépenses autres que celles de l'exploitation | Net Corporate Income<br>—<br>Revenu net de la corporation | Net Corporate Loss<br>—<br>Pertes nettes de la corporation | Number |
|--|---|--|--|--|--|--|---|---|--|--------|
| \$ cts.  | \$ cts.   | \$ cts.  | \$ cts.  | \$ cts.  | \$ cts.  | \$ cts.  | \$ cts.   | \$ cts.   | \$ cts.  |        |
|  | 614 00  |  | 88,264 00  |  |  | 7,821 00   | 126,030 00  | 31,483 00   |  | 60     |
|  |   |  | 4,000 00   |  |  |  | 4,000 00  |   | 6,293 79   | 61     |
|  |   |  | 49,007 55  |  |  |  | 238,007 49  | 13,276 73   |  | 62     |
|  |   |  |  |  |  |  |   | 110,398 27  |  | 63     |
|  | 3,700 00  |  | 18,249 99  |  |  |  | 33,902 31   | 9,679 94  |  | 64     |
|  |   |  |  |  |  | 11,731 95  | 67,349 32   | 49,675 71   |  | 65     |
| 22 00  | 107 27  |  | 3,000 00   |  |  |  | 4,307 42  | 15,532 16   |  | 66     |
|  |   |  | 279,116 57   |  |  |  | 289,676 38  | 338,521 40  |  | 67     |
| 1 15   |   |  |  |  |  |  | 235,655 06  |   | 827,107 01   | 68     |
|  |   |  |  |  |  |  | 35 98   |   | 2,575 65   | 69     |
|  |   |  | 3,562 50   |  |  |  | 4,125 72  |   | 9,926 51   | 70     |
|  |   |  |  |  |  |  |   | 1,190,505 58  |  | 71     |
| 487,744 17                                     | 19,695 65   | 6,450,116 70   | 54,697,464 78  | 559,165 75   |  | 397,564 82   | 73,465,640 20   | 39,456,106 42   | 54,384,773 30  |        |

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TABLE 8—Income Account for the Year

TABLEAU 8—Bilan pour

| Number—<br>Numero | Name of Railway<br>—<br>Nom du chemin de fer | Dividends—Dividendes  |                         |           |      |
|-------------------|--|-----------------------|-------------------------|-----------|------|
|                   |  | Common<br>Stock       | Preferred<br>Stock      |           |      |
|                   |  | Actions<br>ordinaires | Actions<br>privilegiées |           |      |
|                   |  | \$                    | cts.                    | \$        | cts. |
| 1                 | Algoma Central & Hudson Bay.....             |                       |                         |           |      |
| 2                 | Algoma Eastern.....                          |                       |                         |           |      |
| 3                 | Canada Southern.....                         | 450,000               | 00                      |           |      |
| 4                 | Canadian Pacific.....                        | 26,000,000            | 00                      | 3,227,276 | 84   |
| 5                 | Napierville Junction.....                    | 36,000                | 00                      |           |      |
| 6                 | Quebec Central.....                          | 169,080               | 16                      |           |      |
| 7                 | Témiscouata.....                             |                       |                         |           |      |
| 8                 | Thousand Islands.....                        | 4,200                 | 00                      |           |      |
| 9                 | Toronto, Hamilton & Buffalo.....             | 270,750               | 00                      |           |      |
| 10                | Railways not distributed.....                |                       |                         |           |      |
|                   | Totals.....                                  | 26,930,030            | 16                      | 3,227,276 | 84   |

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ending December 31, 1919—Concluded

l'année terminée le 31 décembre 1919—fin

| Disposition of Net Corporate Income—Disposition du revenu net de la corporation |  |                              |                |   |   | Numero<br>—<br>Number |
|---|--|------------------------------|----------------|---|---|-----------------------|
| Total<br>Dividends<br>—<br>Total<br>dividendes                                  | Sinking and<br>Reserve Funds<br>—<br>Fonds de réserve<br>et d'amortisse-<br>ment | Miscellaneous<br>—<br>Divers | Total          | Credit Profit<br>and Loss<br>—<br>Au crédit de<br>profits et pertes | Debit Profit<br>and Loss<br>—<br>Au débit de<br>profits et pertes |                       |
| \$ cts.   | \$ cts.  | \$ cts.                      | \$ cts.        | \$ cts.   | \$ cts.   |                       |
|   | 265,399 29   |                              | 265,399 29     |   | 929,699 29  | 1                     |
|   | Cr. 166,264 57   |                              | Cr. 166,264 57 | 185,539 17  |   | 2                     |
| 450,000 00  |  |                              | 450,000 00     | 2,865,864 55  |   | 3                     |
| 29,227,276 84   |  |                              | 29,227,276 84  | 2,593,591 71  |   | 4                     |
| 36,000 00   |  |                              | 36,000 00      | 40,035 37   |   | 5                     |
| 169,080 16  |  |                              | 169,080 16     | 139,014 38  |   | 6                     |
|   | 32,600 00  | 3,199 16                     | 35,799 16      |   | 26,119 22   | 7                     |
|   | 5,125 28   | 346 31                       | 9,671 59       | 5,860 57  |   | 8                     |
| 4,200 00  |  |                              | 270,750 00     | 67,771 40   |   | 9                     |
| 270,750 00  |  |                              |                | 3,552,235 31  | 53,720,473 30   | 10                    |
|   |  |                              |                |   |   |                       |
| 30,157,307 00   | 136,860 00   | 3,545 47                     | 30,297,712 47  | 9,449,912 46  | 54,676,291 81   |                       |

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TABLE 9—Current Assets  
TABLEAU 9—Actif et

| Number — Numéro | Name of Railway<br>—<br>Nom du chemin de fer | Current                |   |  |  |  |
|-----------------|--|------------------------|---|--|--|--|
|                 |  | Cash<br>—<br>En caisse | Demand<br>Loans and<br>Deposits<br>—<br>Prêts<br>à vue et<br>dépôts | Time<br>Drafts and<br>Deposits<br>—<br>Traites à<br>terme et<br>dépôts | Special<br>Deposits<br>—<br>Dépôts<br>spéciaux | Loans<br>and Bills<br>receivable<br>—<br>Prêts et<br>billets à<br>recevoir |
|                 |  | \$ cts.                | \$ cts.   | \$ cts.  | \$ cts.  | \$ cts.  |
| 1               | Algoma Central and Hudson Bay                | 85,827 75              |   |  |  |  |
| 2               | Algoma Eastern                               | 146,985 79             |   |  |  |  |
| 3               | Alberta and Great Waterways                  | 726 66                 |   |  |  |  |
| 4               | Atlantic, Quebec and Western                 | 16,605 69              |   |  |  |  |
| 5               | Brandon, Sask. and Hudson Bay                |                        |   |  |  |  |
| 6               | British Yukon                                | 5,235,177 87           |   |  |  |  |
| 7               | Canada and Gulf Terminal                     | 3,604 94               |   |  |  |  |
| 8               | Canada Southern                              | 122,688 31             |   |  | 200 00   |  |
| 9               | Canadian Northern                            | 21,380,357 34          |   |  |  | 11,266 64  |
| 10              | Canadian Pacific                             | 53,519,420 78          | 40,000,000 00   |  | 2,969,683 12                                   |  |
| 11              | Central Canada                               | 51 62                  |   |  |  |  |
| 12              | Crow's Nest Southern                         |                        |   |  |  |  |
| 13              | Dominion Atlantic                            | 45,058 15              |   |  |  |  |
| 14              | Eastern British Columbia                     | 1,636 74               |   |  |  |  |
| 15              | Edmonton, Dunvegan and British<br>Columbia   | 1,049 92               |   |  |  |  |
| 16              | Esquimalt and Nanaimo                        |                        |   |  |  |  |
| 17              | Grand Trunk                                  | Dr. 1,216,742 46       |   |  | 110,021 04                                     |  |
| 18              | Grand Trunk Pacific                          | 799,639 48             |   |  | 17,495 74                                      |  |
| 19              | Grand Trunk Pacific Branch Lines             | 71,328 12              |   |  | 3 00   |  |
| 20              | Kettle Valley                                |                        |   |  |  |  |
| 21              | Manitoba Great Northern                      |                        |   |  |  |  |
| 22              | Maritime Coal Railway and Power              | 2,850 78               |   |  |  | 151,461 19   |
| 23              | Midland Railway of Manitoba                  | 69,094 57              |   |  |  |  |
| 24              | Montreal and Atlantic                        |                        |   |  |  |  |
| 25              | Morrissey, Fernie and Michel                 | 1,941 19               |   |  |  |  |
| 26              | Napierville Junction                         | 245,410 74             |   |  |  | 80,000 00  |
| 27              | Nelson and Fort Sheppard                     | 18,416 16              |   |  |  |  |
| 28              | New Westminster Southern                     |                        |   |  |  |  |
| 29              | Ottawa and New York                          |                        |   |  |  |  |
| 30              | Pacific Great Eastern                        | 158,454 06             |   |  |  |  |
| 31              | Pere Marquette                               | 46,383 85              |   |  | 808,085 00                                     | 5,007 54   |
| 32              | Quebec Central                               | 291,368 64             |   |  |  |  |
| 33              | Quebec, Montreal and Southern                | 172,928 26             |   |  | 100 00   | 793,033 51   |
| 34              | Quebec Oriental                              | 708 85                 |   |  |  |  |
| 35              | Red Mountain                                 |                        |   |  |  |  |
| 36              | Roberval-Saguenay                            | 6,605 00               |   |  |  | 750 00   |
| 37              | St. Lawrence and Adirondaek                  |                        |   |  |  |  |
| 38              | Témiscouata                                  | 53,629 47              |   |  |  | 1,761 73   |
| 39              | Temiskaming and Northern Ont.                | Dr. 185,117 16         | 7,050 00  |  |  |  |
| 40              | Thousand Island                              | 40,349 52              |   |  |  | 3,759 88   |
| 41              | Toronto, Hamilton and Buffalo                | 235,869 92             |   |  |  | 500 00   |
| 42              | Vancouver, Victoria and Eastern              |                        |   |  |  |  |
| 43              | Victoria and Sydney                          |                        |   |  |  |  |
| 44              | Victoria Terminal Rly and Ferry<br>Co.       | 2,801 44               |   |  |  | 1 00   |
|                 |  | \$1,375,111 99         | 40,007,050 00   |  | 3,905,587 90                                   | 1,047,541 49   |



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and Liabilities  
passif courants

| Assets—Actif courant                              |   |                                   |                        |                                   |                    |                      |                      |           | Number<br>N <sup>o</sup> |            |         |           |    |             |    |
|---|---|-----------------------------------|------------------------|-----------------------------------|--------------------|----------------------|----------------------|-----------|--------------------------|------------|---------|-----------|----|-------------|----|
| Traffic and Car Service Balance Receivable        | Net balance Receivable from agents and conductors | Miscellaneous accounts Receivable | Material and Supplies  | Interest and Dividends Receivable | Rents Receivable   | Other Current assets | Total Current assets |           |                          |            |         |           |    |             |    |
| Balance active du trafic et du service des wagons | Balance nette due par les agents et conducteurs   | Créances diverses à recouvrer     | Matériel et provisions | Intérêt et dividendes à recevoir  | Loyers à recouvrer | Autre actif courant  | Total, actif courant |           |                          |            |         |           |    |             |    |
| \$  | cts.  | \$                                | cts.                   | \$                                | cts.               | \$                   | cts.                 | \$        | cts.                     |            |         |           |    |             |    |
| 44,288  | 98  | 65,132                            | 26                     | 198,571                           | 63                 |                      |                      | 57,034    | 09                       | 878,270    | 33      | 1         |    |             |    |
|   |   | 11,156                            | 45                     | 57,691                            | 17                 |                      |                      | 23,674    | 48                       | 376,569    | 46      | 2         |    |             |    |
|   |   | 1,017                             | 02                     | 47,594                            | 20                 |                      |                      | 63,344    | 00                       | 125,699    | 01      | 3         |    |             |    |
|   |   | 11,905                            | 51                     | 110,648                           | 70                 |                      |                      |           |                          | 145,829    | 15      | 4         |    |             |    |
|   |   |                                   |                        |                                   |                    |                      |                      |           |                          |            |         | 5         |    |             |    |
|   |   |                                   |                        |                                   |                    |                      |                      |           |                          | 5,235,177  | 87      | 6         |    |             |    |
|   |   | 1,394                             | 00                     | 20,070                            | 23                 |                      |                      |           |                          | 26,356     | 55      | 7         |    |             |    |
|   |   |                                   |                        | 2,950                             | 00                 |                      |                      |           |                          | 364,932    | 31      | 8         |    |             |    |
| 1,552,411   | 88  | 2,738,623                         | 28                     | 6,774,760                         | 61                 | 10,375,300           | 02                   |           |                          | 42,832,719 | 77      | 9         |    |             |    |
| 2,524,364   | 29  | 3,618,072                         | 48                     | 10,321,593                        | 44                 | 21,990,868           | 65                   | 993,697   | 80                       | 438,397    | 07      | 10        |    |             |    |
|   |   |                                   |                        | 8,811                             | 75                 |                      |                      |           | 1,579                    | 01         | 102,433 | 23        | 11 |             |    |
|   |   |                                   |                        |                                   |                    |                      |                      |           |                          |            |         | 12        |    |             |    |
| 10,864  | 67  | 58,627                            | 18                     | 19,866                            | 57                 | 157,221              | 18                   | 1,166     | 67                       |            | 292,804 | 42        | 13 |             |    |
| 3,856   | 97  |                                   |                        | 241                               | 06                 |                      |                      |           |                          |            | 5,734   | 77        | 14 |             |    |
|   |   |                                   |                        |                                   |                    |                      |                      |           |                          |            |         |           | 15 |             |    |
| 85,185  | 12  | 30,888                            | 31                     | 111,294                           | 27                 | 157,884              | 46                   | 5,856     | 30                       | 58,769     | 70      | 16        |    |             |    |
|   |   |                                   |                        |                                   |                    |                      |                      |           |                          |            |         |           | 17 |             |    |
| 4,543,451   | 92  | 2,183,533                         | 14                     | 11,006,559                        | 01                 | 9,038,946            | 12                   | 6,567     | 00                       | 86,791     | 28      | 18        |    |             |    |
| 2,061,473   | 86  |                                   |                        | 5,406,489                         | 85                 | 2,708,294            | 37                   | 6,735,840 | 00                       | 125,717    | 37      | 19        |    |             |    |
|   |   |                                   |                        | 5,222                             | 75                 |                      |                      |           |                          |            |         |           | 20 |             |    |
| 55,240  | 30  | 14,002                            | 69                     | 258,458                           | 11                 | 94,530               | 77                   |           |                          |            | 422,231 | 87        | 21 |             |    |
|   |   |                                   |                        |                                   |                    |                      |                      |           |                          |            |         |           | 22 |             |    |
|   |   |                                   |                        |                                   |                    | 82,650               | 95                   |           |                          | 156,114    | 89      | 393,077   | 81 | 23          |    |
|   |   | 962                               | 42                     | 104,359                           | 31                 | 17,074               | 88                   |           |                          |            | 191,491 | 18        | 24 |             |    |
|   |   |                                   |                        |                                   |                    |                      |                      |           |                          |            |         |           | 25 |             |    |
| 1,544   | 24  | 26                                | 16                     | 4,332                             | 05                 | 18,321               | 57                   |           |                          |            | 26,165  | 15        | 26 |             |    |
| 130,280   | 11  | 4,107                             | 82                     | 98,470                            | 18                 | 31,985               | 35                   | 484       | 57                       |            | 590,738 | 77        | 27 |             |    |
|   |   |                                   |                        | 36,111                            | 68                 |                      |                      |           |                          |            | 54,527  | 84        | 28 |             |    |
|   |   |                                   |                        |                                   |                    |                      |                      |           |                          |            |         |           | 29 |             |    |
|   |   | 5,975                             | 12                     | 34,372                            | 84                 | 85,960               | 49                   |           |                          |            | 284,762 | 51        | 30 |             |    |
|   |   |                                   |                        | 151,252                           | 63                 |                      |                      | 17,248    | 92                       | 61,524     | 03      | 1,095,388 | 63 | 31          |    |
| 5,886   | 66  | 64,183                            | 04                     | 131,613                           | 61                 | 299,608              | 86                   |           |                          | 50,000     | 00      | 861,090   | 44 | 32          |    |
| 24,316  | 29  | 16,777                            | 52                     | 118,512                           | 85                 | 162,612              | 61                   | 107,320   | 58                       |            |         | 1,439,568 | 86 | 33          |    |
| 68,283  | 53  | 3,612                             | 84                     | 11,620                            | 42                 | 13,615               | 02                   |           |                          |            |         | 95,820    | 09 | 34          |    |
| 66,262  | 96  |                                   |                        |                                   |                    |                      |                      |           |                          |            |         |           |    | 35          |    |
|   |   | 3,277                             | 00                     | 98,655                            | 00                 | 20,114               | 00                   |           |                          |            |         | 129,401   | 00 | 36          |    |
|   |   |                                   |                        |                                   |                    |                      |                      |           |                          |            |         | 6,000     | 00 | 37          |    |
| 8,635   | 45  | 5,311                             | 94                     |                                   |                    | 43,852               | 42                   |           |                          |            |         | 113,318   | 55 | 38          |    |
| 159,342   | 36  | 16,342                            | 01                     | 329,024                           | 18                 | 589,213              | 08                   |           |                          | 1,379      | 56      | 917,234   | 03 | 39          |    |
|   |   | 119                               | 96                     |                                   |                    | 3,688                | 50                   |           |                          |            |         | 47,917    | 86 | 40          |    |
| 39,623  | 26  | 136,540                           | 83                     | 231,563                           | 79                 | 379,162              | 77                   | 13,606    | 09                       | 12,500     | 00      | 1,049,366 | 66 | 41          |    |
|   |   |                                   |                        | 53,518                            | 69                 |                      |                      |           |                          |            |         | 53,518    | 69 | 42          |    |
|   |   |                                   |                        | 5                                 | 42                 |                      |                      |           |                          |            |         | 5         | 42 | 43          |    |
|   |   | 170                               | 78                     | 78,371                            | 76                 | 695                  | 66                   |           |                          | 122        | 73      | 82,163    | 37 | 44          |    |
|   |   |                                   |                        |                                   |                    |                      |                      |           |                          |            |         |           |    |             |    |
| 11,385,312  | 85  | 8,991,759                         | 70                     | 35,832,607                        | 76                 | 46,843,432           | 78                   | 7,911,208 | 38                       | 881,905    | 72      | 586,896   | 71 | 238,768,415 | 28 |

TABLE 9—Current Assets and Liabilities—Concluded.  
TABLEAU 9—Actif et passif courants—Fin.

| Name of Railway<br>Nom du chemin de fer | Current Liabilities—Passif courant                     |  |   |   |  |   |  |   |            |      | Total current Liabilities<br>Total passif courant |      |  |  |        |    |            |     |
|---|--|--|---|---|--|---|--|---|------------|------|---|------|--|--|--------|----|------------|-----|
|   | Loans and bills payable<br>Emprunts et billets à payer | Traffic and car balances payable<br>Balance passivè du trafic et du service des wagons | Audited accounts and wages payable<br>Billets et salaires à payer | Miscellaneous accounts payable<br>Dettes diverses | Unpaid interest etc. matured and declared<br>Intérêt, dividendes, etc. échus et déclarés | Rental of terminals matured and accrued<br>Loyers de terminus, etc. échus et accrûs | Unmatured rents accrued<br>Loyers courants non échus | Other current Liabilities<br>Autre passif courant |            |      |   |      |  |  |        |    |            |     |
|   | \$   | cts.   | \$  | cts.  | \$   | cts.  | \$   | cts.  | \$         | cts. | \$  | cts. |  |  |        |    |            |     |
| Algoma Central and Hudson Bay           |  |  | 65,472  | 67  | 163,400  | 50  |  |   | 2,430,029  | 26   | 325,081   | 09   |  |  | 2,500  | 15 | 3,376,531  | 70  |
| Algoma Eastern                          |  |  | 33,095  | 78  | 664,833  | 97  | 45,118   | 65  |            |      | 18,750  | 00   |  |  | 14,133 | 34 | 775,951    | 78  |
| Albera and Great Waterways              |  |  |   |   | 5,557  | 02  | 1,062,291  | 30  |            |      |   |      |  |  |        |    | 179,038    | 21  |
| Atlantic, Quebec and Western            |  |  | 715,322   | 22  | 108,183  | 46  |  |   | 127        | 31   |   |      |  |  |        |    | 844,555    | 53  |
| Brandon, Sask. and Hudson Bay           |  |  |   |   |  |   | 844,555  | 43  |            |      |   |      |  |  |        |    | 285,053    | 29  |
| British Yukon                           |  |  |   |   |  |   |  |   |            |      |   |      |  |  |        |    | 15,529     | 74  |
| Canada and Gulf Terminal                |  |  | 285,053   | 29  | 11,919   | 95  |  |   | 228,791    | 72   |   |      |  |  |        |    | 228,791    | 72  |
| Canada Southern                         |  |  | 3,009   | 79  |  |   |  |   |            |      |   |      |  |  |        |    | 254,088    | 680 |
| Canadian Northern                       |  |  | 2,645,656   | 84  | 7,883,576  | 46  | 6,832,026  | 20  | 7,223,062  | 18   |   |      |  |  |        |    | 28,967,060 | 50  |
| Canadian Pacific                        |  |  | 1,714,967   | 10  | 15,337,867   | 77  | 5,993,442  | 72  | 5,359,161  | 53   |   |      |  |  |        |    | 134,168    | 83  |
| Central Canada                          |  |  |   |   | 3,289  | 57  |  |   | 116,437    | 75   |   |      |  |  |        |    | 1,043,865  | 63  |
| Crow's Nest Southern                    |  |  |   |   |  |   | 1,043,865  | 63  |            |      |   |      |  |  |        |    | 1,960,737  | 92  |
| Dominion Atlantic                       |  |  | 1,815,013   | 97  | 119,907  | 12  |  |   | 25,816     | 83   |   |      |  |  |        |    | 465,864    | 20  |
| Eastern British Columbia                |  |  | 420,000   | 00  | 42,726   | 99  | 573  | 60  |            |      |   |      |  |  |        |    |            |     |
| Edmonton, Dunvegan and British Columbia |  |  |   |   |  |   |  |   |            |      |   |      |  |  |        |    |            |     |
| Esquimalt and Nanaimo                   |  |  | 1,338,963   | 99  | 142,338  | 08  | 1,114,322  | 11  | 263,459    | 16   |   |      |  |  |        |    | 2,802,302  | 05  |
| Grand Trunk                             |  |  |   |   |  |   |  |   |            |      |   |      |  |  |        |    | 601,238    | 18  |
| Grand Trunk Pacific                     |  |  | 10,508,615  | 12  | 11,971,674   | 37  | 4,988,65   |   | 3,323,814  | 22   |   |      |  |  |        |    | 34,405,758 | 61  |
| Grand Trunk Pacific Branch Lines        |  |  | 25,848,371  | 20  | 5,792,337  | 01  | 715,792  | 89  | 14,065,470 | 52   |   |      |  |  |        |    | 46,161,187 | 38  |
| Kettle Valley                           |  |  | 11,019,686  | 55  | 132,648  | 65  | 13,242   | 32  | 816,165    | 88   |   |      |  |  |        |    | 12,684,291 | 97  |
| Manitoba Great Northern                 |  |  |   |   | 285,453  | 15  |  |   | 3,066,800  | 00   |   |      |  |  |        |    | 3,409,639  | 31  |
| Maritime Coal, Rly & Power Co.          |  |  |   |   |  |   | 808,383  | 01  |            |      |   |      |  |  |        |    | 808,383    | 01  |
| Midland of Manitoba                     |  |  |   |   |  |   | 131,269  | 14  | 5,864      | 00   |   |      |  |  |        |    | 137,133    | 14  |
| Montreal and Atlantic                   |  |  |   |   | 97,186   | 29  | 36,000   | 00  |            |      |   |      |  |  |        |    | 133,186    | 29  |
| Morrissey, Fernie and Michel            |  |  |   |   |  |   |  |   |            |      |   |      |  |  |        |    | 298,858    | 07  |
| Napierville Junction                    |  |  |   |   |  |   |  |   |            |      |   |      |  |  |        |    | 63,785     | 33  |
| Nelson and Fort Sheppard                |  |  |   |   | 7,136  | 57  | 23,494   | 47  |            |      |   |      |  |  |        |    | 342,255    | 70  |
| New Westminster Southern                |  |  |   |   |  |   | 103,201  | 59  |            |      |   |      |  |  |        |    | 1,186,773  | 97  |
|   |  |  |   |   |  |   |  |   |            |      |   |      |  |  |        |    | 103,201    | 59  |

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|                                       |                |               |               |               |              |                |
|---------------------------------------|----------------|---------------|---------------|---------------|--------------|----------------|
| Ottawa and New York.....              | 4,800,000 00   | 104,542 12    | 262,862 25    | 1,100,000 00  | 1,100,000 00 | 1,100,000 00   |
| Pacific Great Eastern.....            | 5,000,000 00   | 57,697 06     | 11,256 82     | 925,919 22    | 925,919 22   | 6,093,323 59   |
| Père Marquette.....                   | 83,841 30      | 214,646 88    | 1,147 15      | 203,508 74    | 203,508 74   | 6,046,062 15   |
| Quebec Central.....                   | 8,765,565 10   | 86,458 79     | 339,849 72    | 857,120 00    | 857,120 00   | 501,996 92     |
| Quebec, Montreal and Southern.....    | 22,580 16      | 34,344 45     | 41,772 00     | .....         | .....        | 8,895,062 13   |
| Red Mountain.....                     | .....          | .....         | .....         | .....         | .....        | 970,786 54     |
| Roherval-Saguenay.....                | .....          | .....         | .....         | .....         | .....        | 339,849 72     |
| St. Lawrence & Adirondack.....        | 11,202 80      | 11,448 65     | 1,750 22      | 6,000 00      | 6,000 00     | 41,772 00      |
| Témiscouata.....                      | 13,848 98      | 288,389 91    | .....         | 2,988 32      | 2,988 32     | 6,000 00       |
| Tenniskaming and Northern Ontario     | .....          | 7,627 33      | .....         | .....         | .....        | 43,708 26      |
| Thousand Island.....                  | 950,000 00     | 299,092 28    | 4,402 84      | 9,580 00      | 9,580 00     | 302,238 89     |
| Toronto, Hamilton and Buffalo.....    | .....          | 3 83          | 2,447,736 66  | .....         | .....        | 7,627 33       |
| Vancouver, Victoria and Eastern.....  | .....          | 6,067 29      | 5,511 44      | .....         | .....        | 1,539,152 89   |
| Victoria and Sidney.....              | .....          | 60 88         | .....         | .....         | .....        | 2,447,740 49   |
| Victoria Terminal Rly. and Ferry Co., | .....          | Cr. 122 47    | .....         | .....         | .....        | 5,449 85       |
| Totals.....                           | 300,729,939 39 | 12,565,067 08 | 23,109,843 83 | 41,917,786 01 | 543,831 09   | 1,664,882 71   |
|                                       |                |               |               |               |              | 425,703,548 00 |

TABLE 10—Summary of Earnings and Expenses for the Year ending December 31, 1919  
TABLEAU 10—Résumé des recettes et des dépenses pour l'année terminée le 31 décembre 1919

| Name of Company<br>Nom de la compagnie | Bridge Tolls<br>Revenu des ponts à péage | Sleeping Car<br>Revenu des wagons-lits | Parlour and Chair Car<br>Revenu des salons | Switching<br>Revenu des transbordements | Power<br>Revenu de la force motrice | Realty of Buildings and other Property<br>Loyers de bâtiments et autres immeubles | Freight<br>Revenu du trafic | Total Revenue<br>Total du revenu | Total Operating Expenses<br>Total des dépenses d'exploitation | Net Operating Revenue<br>Revenu net de l'exploitation |
|--|--|--|--|---|-------------------------------------|---|-----------------------------|----------------------------------|---|---|
|  | \$ cts.                                  | \$ cts.                                | \$ cts.                                    | \$ cts.                                 | \$ cts.                             | \$ cts.   | \$ cts.                     | \$ cts.                          | \$ cts.   | \$ cts.   |
| Detroit River Tunnel Co.....           | 419,441 24                               | .....                                  | .....                                      | .....                                   | .....                               | 1,056,824 44  | .....                       | 1,056,824 44                     | 1,056,824 44  | 1,056,824 44  |
| International Bridge Co.....           | .....                                    | 945,044 00                             | 49,159 00                                  | 293,197 75                              | 28,835 57                           | 3,070 00  | .....                       | 422,511 24                       | 180,191 03  | 242,320 21  |
| Pullman Co.....                        | .....                                    | .....                                  | .....                                      | .....                                   | .....                               | .....   | .....                       | 494,203 00                       | 869,133 86  | 93,069 14   |
| St. Clair Tunnel Co.....               | .....                                    | .....                                  | .....                                      | .....                                   | .....                               | 1,745 25  | .....                       | 323,778 57                       | 273,393 58  | 50,184 59   |
| Van Buren Bridge Co.....               | .....                                    | .....                                  | .....                                      | .....                                   | .....                               | .....   | .....                       | 19,879 08                        | 1,987 95  | 17,981 13   |
| Totals.....                            | 419,441 24                               | 945,044 00                             | 49,159 00                                  | 293,197 75                              | 28,835 57                           | 1,061,639 69  | 19,879 08                   | 2,817,196 33                     | 1,354,816 82  | 1,462,379 51  |

TABLE 11 - Summary of Passengers and Tons, carried and Train Mileage for the Year ending December 31, 1919  
 TABLEAU 11 - Résumé des voyageurs et des marchandises transportés et des milles parcourus pendant l'année terminée le 31 décembre 1919

| Name of Railway<br>Nom du chemin de fer | Tons carried<br>Tonnes de marchandises transportées |                | Passengers carried<br>Voyageurs transportés |               | Mileage of Revenue Freight-trains<br>Parcours effectués par les trains de marchandises |            | Mileage of Revenue Mixed-trains<br>Parcours effectués par les trains mixtes |            | Special Revenue Train-Mileage<br>Parcours effectués par les trains spéciaux |            | Total Revenue Train-Mileage<br>Total du parcours effectué par les trains |            | Mileage of Non-revenue Trains<br>Parcours des trains ne donnant pas de recettes |       |
|---|---|----------------|---|---------------|--|------------|---|------------|---|------------|--|------------|---|-------|
|   | No.   | No.            | No.   | No.           | Miles  | Miles      | Miles   | Miles      | Miles   | Miles      | Miles  | Miles      | Miles   | Miles |
| Algoma Central and Hudson Bay           | 654,847   | 85,699,658     | 46,141                                      | 3,068,367     | 265,317  | 72,352     | 362   | 338,631    | 362   | 338,631    | 88,742   | 338,631    | 88,742  |       |
| Algoma Eastern                          | 1,089,509   | 17,966,686     | 47,406                                      | 1,550,179     | 61,045   | 58,237     |   | 119,282    |   | 119,282    | 2,961  | 119,282    | 2,961   |       |
| Alberta and Great Westways              | 69,180  | 6,512,636      | 11,481                                      | 893,701       | 24,524   |            | 342   | 47,410     | 342   | 47,410     | 342  | 47,410     | 342   |       |
| Atlantic, Quebec and Western            | 177,443   | 7,268,599      | 53,131                                      | 1,528,795     | 48,379   | 34,035     |   | 110,359    |   | 110,359    | 12,662   | 110,359    | 12,662  |       |
| Brandon, Saskatchewan and Hudson Bay    | 23,730  | 953,375        | 20,365                                      | 787,846       | 20,407   | 40,365     |   | 60,772     |   | 60,772     | 880  | 60,772     | 880   |       |
| British Yukon                           | 12,415  | 976,813        | 7,157                                       | 412,512       | 182  | 2,691      | 342   | 30,999     | 342   | 30,999     | 34,184   | 30,999     | 34,184  |       |
| Canada and Gulf Terminal                | 45,011  | 1,276,625      | 29,713                                      | 680,647       | 396  |            |   | 22,680     |   | 22,680     | 1,236  | 22,680     | 1,236   |       |
| Canada Southern                         | 9,153,323   | 1,569,627,474  | 1,675,271                                   | 199,532,219   | 1,575,721  | 2,052,288  | 219   | 3,734,948  | 219   | 3,734,948  | 61,362   | 3,734,948  | 61,362  |       |
| Canadian National Railways:-            |   |                |   |               |  |            |   |            |   |            |  |            |   |       |
| Intercolonial                           | 6,825,729   | 1,674,786,012  | 5,126,697                                   | 382,953,439   | 4,125,706  | 3,619,777  | 6,624   | 8,154,553  | 6,624   | 8,154,553  | 257,045  | 8,154,553  | 257,045   |       |
| Prince Edward Island                    | 242,961   | 12,425,477     | 422,034                                     | 11,405,257    | 39,718   | 128,637    |   | 215,196    |   | 215,196    | 8,639  | 215,196    | 8,639   |       |
| International of New Brunswick          | 145,458   | 7,467,822      | 43,838                                      | 1,729,397     | 34,494   | 34,653     | 224   | 437,732    | 224   | 437,732    | 16,680   | 437,732    | 16,680  |       |
| St. John and Quebec                     | 91,131  | 3,962,434      | 64,908                                      | 1,692,153     | 1,941  | 15,760     |   | 61,780     |   | 61,780     | 2,890  | 61,780     | 2,890   |       |
| Transcontinental                        | 3,842,741   | 1,307,264,299  | 1,143,526                                   | 94,550,755    | 2,689,787  | 1,004,635  | 270   | 3,419,474  | 270   | 3,419,474  | 251,020  | 3,419,474  | 251,020   |       |
| Edgin and Havelock                      | 19,346  | 225,682        | 15,702                                      | 173,259       | 173,259  |            |   | 16,975     |   | 16,975     | 60   | 16,975     | 60  |       |
| Moncton and Buctouche                   | 24,334  | 517,975        | 32,018                                      | 754,824       | 82   | 20,184     |   | 20,266     |   | 20,266     | 3,390  | 20,266     | 3,390   |       |
| Salisbury and Albert                    | 65,841  | 1,737,863      | 16,161                                      | 381,200       | 12,435   | 27,956     |   | 40,301     |   | 40,301     | 1,365  | 40,301     | 1,365   |       |
| St. Martins                             | 12,365  | 243,692        | 10,374                                      | 184,921       | 17,533   | 17,533     |   | 17,533     |   | 17,533     | 180  | 17,533     | 180   |       |
| York and Carleton                       | 10,644  | 63,833         | 11,155                                      | 61,306        | 61,306   | 7,493      |   | 7,493      |   | 7,493      | 1,503,398  | 7,493      | 1,503,398   |       |
| Canadian Northern                       | 12,439,314  | 4,046,023,363  | 4,925,547                                   | 314,773,029   | 9,788,196  | 5,847,229  | 51,127  | 17,513,450 | 51,127  | 17,513,450 | 946,230  | 17,513,450 | 946,230   |       |
| Canadian Pacific                        | 25,102,821  | 10,926,848,494 | 15,671,752                                  | 1,763,604,590 | 19,994,867   | 20,411,110 | 19,543  | 42,368,930 | 19,543  | 42,368,930 | 19,406   | 42,368,930 | 19,406  |       |
| Cape Breton                             | 14,365  | 258,570        | 15,236                                      | 324,725       |  |            |   | 19,406     |   | 19,406     |  | 19,406     |   |       |
| Carleton and Gulf Shore                 |   |                |   | 434,911       | 3,555  | 100        |   | 10,350     |   | 10,350     | 244  | 10,350     | 244   |       |
| Central Canada                          | 11,789  | 566,739        | 9,245                                       | 3,708,322     | 85,791   | 114,601    | 99  | 200,491    | 99  | 200,491    | 2,459  | 200,491    | 2,459   |       |
| Central Vermont                         | 211,619   | 40,688,815     | 118,233                                     | 85,791        | 43,353   | 33,039     |   | 76,392     |   | 76,392     | 2,940  | 76,392     | 2,940   |       |
| Crow's Nest Southern                    | 112,268   | 4,466,732      | 15,827                                      | 424,416       | 6,308  |            |   | 28,173     |   | 28,173     | 34,481   | 28,173     | 34,481  |       |
| Cumberland                              | 333,569   | 2,430,202      | 53,358                                      | 628,091       | 6,308  |            |   | 71,852     |   | 71,852     | 15,210   | 71,852     | 15,210  |       |
| Dominion Atlantic                       | 433,644   | 39,965,915     | 532,586                                     | 21,911,017    | 229,929  | 290,398    | 1,862   | 594,041    | 1,862   | 594,041    | 7,848  | 594,041    | 7,848   |       |
| Eastern British Columbia                | 100,232   | 1,177,226      | 2,562                                       | 29,065        |  |            | 336   | 7,512      |   | 7,512      | 6,477  | 7,512      | 6,477   |       |
| Edmonton, Dunvegan and British Columbia | 155,325   | 34,173,089     | 56,000                                      | 9,019,049     | 170,408  | 99,187     |   | 286,515    |   | 286,515    |  | 286,515    |   |       |



TABLE 12—Summary of Freight Traffic Movement for the Year ending December 31, 1919  
 TABLEAU 12—Relevé du mouvement du trafic des marchandises pour l'année terminée le 31 décembre 1919

| Name of Railway<br>Nom du chemin de fer   | Products of Agriculture—Produits agricoles         |  |  |   |  |  |  |   |  |  |  |   |
|---|--|--|--|---|--|--|--|---|--|--|--|---|
|   | Grain—Grain  |  |  |   |  | Flour—Farine   |  |   |  |  |  |   |
|   | Originating on this road<br>Tonnage issu du réseau | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens | Received from U.S. roads<br>Reçu des réseaux des E.-U. | Total freight tonnage<br>Total du tonnage | Originating on this road<br>Tonnage issu du réseau | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens | Received from U.S. roads<br>Reçu des réseaux des E.-U. | Total freight tonnage<br>Total du tonnage | Originating on this road<br>Tonnage issu du réseau | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens | Received from U.S. roads<br>Reçu des réseaux des E.-U. | Total freight tonnage<br>Total du tonnage |
| Algoma Central and Hudson Bay.....        | 611  | 3,216  |  | 3,827                                     | 99   | 3,259  |  | 3,358                                     |  |  |  | 3,358                                     |
| Algoma Eastern.....                       | 99   |  |  | 99  | 35   | 233  |  | 268                                       |  |  |  | 268                                       |
| Alberta and Great Waterways.....          | 8,330  |  |  | 8,330                                     | 1,027  | 48   |  | 1,075                                     |  |  |  | 1,075                                     |
| Atlantic, Quebec and Western.....         |  | 851  |  | 851                                       | 27   | 5,060  |  | 5,087                                     |  |  |  | 5,087                                     |
| Brandon, Saskatchewan and Hudson Bay..... | 14,090   | 33   | 119  | 14,242                                    | 50   | 20   |  | 110                                       |  |  |  | 110                                       |
| British Yukon.....                        | 9  |  |  | 9   | 2  |  |  | 11  |  |  |  | 11  |
| Canada and Gulf Terminal.....             | 45,403   | 1,108  | 1,485  | 47,996                                    | 30   | 702  |  | 732                                       |  | 544  |  | 1,276                                     |
| Canada Southern.....                      |  | 8,520  | 479,083  | 533,006                                   | 35,037   | 38,090   | 163,595  | 236,731                                   |  |  |  | 236,731                                   |
| Canadian National Railways—               |  |  |  |   |  |  |  |   |  |  |  |   |
| Intercolonial.....                        | 16,999   | 297,822  |  | 314,821                                   | 41,040   | 264,735  |  | 305,775                                   |  |  |  | 305,775                                   |
| Prince Edward Island.....                 | 15,473   | 436  |  | 15,809                                    | 1,665  |  |  | 1,665                                     |  |  |  | 1,665                                     |
| International of New Brunswick.....       | 609  | 2,373  |  | 2,982                                     | 167  | 1,775  |  | 1,942                                     |  |  |  | 1,942                                     |
| St. John and Quebec.....                  | 297  | 428  |  | 725                                       | 89   | 377  |  | 466                                       |  |  |  | 466                                       |
| Transcontinental.....                     | 40,927   | 828,001  |  | 868,928                                   | 16,432   | 132,430  |  | 148,862                                   |  |  |  | 148,862                                   |
| Edgen and Havelock.....                   | 145  | 131  |  | 276                                       | 299  | 39   |  | 338                                       |  |  |  | 338                                       |
| Moncton and Baieverte.....                | 178  | 3  |  | 181                                       | 352  |  |  | 352                                       |  |  |  | 352                                       |
| Salisbury and Albert.....                 | 156  | 375  |  | 531                                       | 375  |  |  | 375                                       |  |  |  | 375                                       |
| St. Martins.....                          | 26   | 33   |  | 59  | 79   |  |  | 79  |  |  |  | 79  |
| York and Carleton.....                    | 131  | 33   |  | 164                                       | 318  |  |  | 318                                       |  |  |  | 318                                       |
| Canadian Northern.....                    |  | 95   |  | 95  | 226  | 44   |  | 270                                       |  |  |  | 270                                       |
| Canadian Pacific.....                     | 2,043,587  | 262,527  | 15,345   | 2,321,459                                 | 233,434  | 34,159   | 952  | 2,558,045                                 |  |  |  | 2,558,045                                 |
| Cape Breton.....                          | 2,582,589  | 310,591  | 330,949  | 3,223,129                                 | 1,062,554  | 148,845  | 67,303   | 1,278,702                                 |  |  |  | 1,278,702                                 |
| Carasquet and Gulf Shore.....             |  | 104  |  | 104                                       | 18   | 1,250  |  | 1,268                                     |  |  |  | 1,268                                     |
| Central Canada.....                       |  |  |  |   | Not reported                                       |  |  |   |  |  |  |   |
| Central Vermont.....                      | 3,663  | 6  |  | 3,669                                     |  | 515  |  | 4,184                                     |  |  |  | 4,184                                     |
| Crown's Nest Southern.....                | 1,030  | 3,947  | 2,672  | 7,649                                     | 363  | 3,980  | 38   | 4,381                                     |  |  |  | 4,381                                     |
| Cumberland.....                           | 64   | 345  |  | 409                                       | 127  | 27   |  | 154                                       |  |  |  | 154                                       |
| Cumberland.....                           | 37   | 525  |  | 562                                       | 112  | 2,019  |  | 2,131                                     |  |  |  | 2,131                                     |

STEAM RAILWAY STATISTICS

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|   |           |           |           |            |           |           |           |
|---|-----------|-----------|-----------|------------|-----------|-----------|-----------|
| Dominion Atlantic.....                              | 7,436     | 467       |           | 7,903      | 15,476    | 761       | 16,237    |
| Eastern British Columbia.....                       | 37,941    | 3,600     |           | 41,541     | 3,225     | 61        | 61        |
| Edmonton, Dunvegan and British Columbia.....        | 18        | 955       |           | 953        |           | 72        | 3,297     |
| Essex Terminal.....                                 | 101       | 7,559     |           | 7,660      | 91        | 10,899    | 10,990    |
| Esquimaut and Nanaimo.....                          |           |           |           |            |           |           |           |
| Fredericton and Grand Lake Coal and Railway Co..... | 1,794,613 | 437,401   |           | 2,316,368  | 546,649   | 42,626    | 86,156    |
| Grand Trunk.....                                    | 579,004   | 24,020    |           | 603,624    | 39,599    | 685       | 21        |
| Grand Trunk Pacific.....                            | 410,193   | 1,047     |           | 411,240    | 26,304    | 209       | 1         |
| Hereford.....                                       | 269       | 775       | 198       | 1,242      | 339       | 641       | 32        |
| Kent Northern.....                                  | 661       | 321       |           | 982        | 4         | 352       | 356       |
| Kettle Valley.....                                  | 83        | 339       |           | 422        |           |           |           |
| L'Annapolis and Megantic.....                       |           |           |           | 749        |           |           | 243       |
| Maine Central.....                                  | 24,639    | 206       | 749       | 25,044     | 158       | 25        | 183       |
| Manitoba Great Northern.....                        | 6         | 488       | 199       | 494        | 7         | 373       | 380       |
| Maritime Coal, Railway and Power Co.....            | 145       | 5,447     | 605       | 6,197      | 84        | 1,669     | 1,669     |
| Massawippi Valley.....                              |           | 1,946     | 1,267     | 3,213      |           | 33        | 157       |
| Midland of Manitoba.....                            | 1,037     | 187,601   | 279       | 188,917    | 750       | 161,581   | 162,353   |
| Montreal and Atlantic.....                          | 150       |           |           | 150        |           |           |           |
| Morrissey, Ferme and Michel.....                    | 116       | 853       | 44        | 1,013      |           | 476       | 481       |
| Napierville Junction.....                           | 128       | 109       | 60        | 297        |           | 108       | 108       |
| Nelson and Fort Sheppard.....                       |           |           |           |            |           |           |           |
| New Brunswick Coal and Railway Co.....              |           |           |           |            |           |           |           |
| New Westminster Southern.....                       |           |           |           |            |           |           |           |
| Ottawa and New York.....                            | 177       | 1,111     | 755       | 2,043      | 51        | 1,961     | 141       |
| Père Macquetie.....                                 | 30,924    | 2,234     | 313,449   | 346,907    | 16,063    | 740       | 103,532   |
| Quebec Central.....                                 | 442       | 2,806     | 424       | 3,672      | 374       | 20,939    | 20,839    |
| Quebec, Montreal and Southern.....                  | 240       | 969       |           | 1,209      |           | 7,526     | 7,902     |
| Quebec Oriental.....                                | 2,785     | 248       |           | 3,033      | 2,079     | 6,675     | 6,675     |
| Quebec Railway, Light and Power Co.....             | 33        |           | 41        | 74         |           | 827       | 2,906     |
| Red Mountain.....                                   | 1,438     |           |           | 1,438      | 359       |           | 359       |
| Roberval Saguenay.....                              |           | 32        |           | 32         |           |           |           |
| Rutland and Noyan.....                              | 2,740     | 1,937     | 1,026     | 5,703      | 775       | 1,714     | 4,121     |
| St. Lawrence and Adirondaek.....                    | 1,863     | 1,328     |           | 3,191      | 1,375     | 2,648     | 4,023     |
| Sydney and Louisbourg.....                          | 1,029     | 1,330     |           | 2,419      | 1,167     | 1,148     | 2,315     |
| Temiscouata.....                                    | 633       | 11,204    | 74        | 11,971     | 104       | 16,072    | 16,176    |
| Temiskaming and Northern Ontario.....               |           |           |           |            |           |           |           |
| Thousand Islands.....                               | 2,983     | 13,064    | 6,761     | 22,808     | 1,559     | 98,878    | 105,220   |
| Toronto, Hamilton and Buffalo.....                  | 7,118     | 5,662     | 2,094     | 14,874     | 710       | 156       | 1,355     |
| Vancouver, Victoria and Eastern.....                |           | 24        |           | 24         |           | 135       | 135       |
| Victoria Terminal Railway and Ferry Co.....         | 27        | 115       |           | 142        | 4         |           | 4         |
| Victoria and Sidney.....                            | 839       | 41        | 238,836   | 239,716    | 125       |           | 152,172   |
| Wabush (in Canada).....                             |           |           |           |            |           |           |           |
| Total.....  | 7,684,880 | 2,013,728 | 1,734,005 | 11,432,613 | 2,051,183 | 1,025,641 | 3,659,096 |

TABLE 12—Summary of Freight Traffic Movement for the Year ending December 31, 1919—Continued  
 TABLEAU 12—Relevé du mouvement du trafic des marchandises pour l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer   | Products of Agriculture—Continued—Produits agricoles—suite     |  |  |   |  |  | Hay—Foin   |   |  |
|---|--|--|--|---|--|--|--|---|--|
|   | Other Mill Products<br>Autres produits de meunerie             |  |  |   |  |  |  |   |  |
|   | Originating<br>on this<br>road<br>Tonnage<br>issu du<br>réseau | Received<br>from other<br>roads in<br>Canada<br>Reçu<br>d'autres<br>réseaux<br>canadiens | Received<br>from U.S.<br>roads<br>Reçu des<br>réseaux<br>des E.-U. | Total<br>freight<br>tonnage<br>Total<br>du<br>tonnage | Originating<br>on this<br>road<br>Tonnage<br>issu du<br>réseau | Received<br>from other<br>roads in<br>Canada<br>Reçu<br>d'autres<br>réseaux<br>canadiens | Received<br>from U.S.<br>roads<br>Reçu des<br>réseaux<br>des E.-U. | Total<br>freight<br>tonnage<br>Total<br>du<br>tonnage |  |
| Algoma Central and Hudson Bay.....        | 58   | 851  | 909  | 909   | 635  | 1,864  | 13   | 2,512   |  |
| Alberta Eastern.....                      | 13   | 919  | 1,032  | 1,032   | 745  | 221  | 966  |   |  |
| Alberta and Great Waterways.....          | 279  | 88   | 279  | 279   | 2,309  | 50   | 2,359  |   |  |
| Atlantic, Quebec and Western.....         | 456  | 20   | 476  | 476   | 190  | 1,472  | 1,662  |   |  |
| Brandon, Saskatchewan and Hudson Bay..... | 1  | 128  | 129  | 129   | 71   | 11   | 82   |   |  |
| British Yukon.....                        | 1  | 128  | 129  | 129   | 14   | 711  | 725  |   |  |
| Canada and Gulf Terminal.....             | 14,186   | 8,334  | 204,821  | 227,341   | 42   | 967  | 1,009  |   |  |
| Canadian National Railways:               |  |  |  |   |  |  |  |   |  |
| Intercolonial.....                        | 17,357   | 60,821   | 78,181   | 78,181  | 64,341   | 35,096   | 99,440   |   |  |
| Prince Edward Island.....                 | 1,195  | 2,545  | 3,740  | 3,740   | 6,330  | 123  | 6,453  |   |  |
| International of New Brunswick.....       | 5  | 2  | 7  | 7   | 2,997  | 2,625  | 5,622  |   |  |
| St. John and Quebec.....                  | 38   | 106  | 144  | 144   | 12,682   | 66   | 12,748   |   |  |
| Transcontinental.....                     | 20,817   | 3,596  | 24,413   | 24,413  | 19,282   | 9,219  | 28,501   |   |  |
| Elgin and Havelock.....                   | 187  | 256  | 443  | 443   | 104  | 304  | 504  |   |  |
| Montreal and Quebec.....                  | 243  | 218  | 461  | 461   | 662  | 662  | 662  |   |  |
| Saskatchewan and Alberta.....             | 286  | 69   | 355  | 355   | 670  | 670  | 670  |   |  |
| St. Martins.....                          | 6  | 17   | 23   | 23  | 180,955  | 6,891  | 188,551  |   |  |
| York and Carleton.....                    | 17   | 22,510   | 9,705  | 180,377   | 396,415  | 62,367   | 496,014  |   |  |
| Canadian Northern.....                    | 148,162  | 70,440   | 48,838   | 570,640   | 10   | 374  | 384  |   |  |
| Canadian Pacific.....                     | 451,412  |  |  |   |  |  |  |   |  |
| Cape Breton.....                          |  |  |  |   |  |  |  |   |  |
| Caracul and Gulf Shore.....               | 148  | 148  | 148  | 148   | 12   | 38   | 51   |   |  |
| Central Canada.....                       | 528  | 4,484  | 216  | 5,228   | 28,268   | 3,115  | 31,726   |   |  |
| Central Vermont.....                      | 48   | 79   | 127  | 127   | 27   | 363  | 390  |   |  |
| Crow's Nest Southern.....                 | 48   | 79   | 127  | 127   | 27   | 363  | 390  |   |  |
| Cumberland.....                           | 55   | 435  | 490  | 490   | 38   | 335  | 373  |   |  |



STEAM RAILWAY STATISTICS

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|   |          |          |             |             |          |             |
|---|----------|----------|-------------|-------------|----------|-------------|
| Donuion Atlantic.....                               | 6, 138   | 2, 505   | 8, 643      | 3, 497      | 7        | 3, 504      |
| Eastern British Columbia.....                       | 84       | 84       | 1, 199      | 15, 034     |          | 15, 034     |
| Edmonton, Dunvegan and British Columbia.....        | 999      | 200      | 3, 980      | 1, 300      | 1, 300   | 1, 300      |
| Essex Terminal.....                                 | 1, 526   | 9, 718   | 11, 244     | 875         | 2, 297   | 3, 172      |
| Esquimalt and Nanaimo.....                          | 140, 853 | 17, 053  | 292, 456    | 186, 071    | 27, 676  | 225, 909    |
| Fredericton and Grand Lake Coal and Railway Co..... | 4, 300   | 12       | 4, 402      | 24, 969     | 14, 973  | 39, 942     |
| Grand Trunk Pacific.....                            | 2, 785   | 50       | 2, 835      | 31, 030     | 356      | 31, 386     |
| Grand Trunk Pacific Branch Lines.....               | 142      | 546      | 715         | 30          | 48       | 116         |
| Hereford.....                                       | 64       | 2, 574   | 2, 638      | 341         | 3, 064   | 3, 405      |
| Kent Northern.....                                  |          | 50       | 357         | 365         |          | 365         |
| Kettle Valley.....                                  | 36       | 550      | 627         | 121         | 10       | 249         |
| Lothaire and Mégantic.....                          | 722      | 2, 294   | 3, 740      | 66          | 225      | 131         |
| Maine Central.....                                  | 491      | 491      | 733         | 161         | 3, 035   | 291         |
| Manitoba Great Northern.....                        | 1, 051   | 120, 309 | 123, 705    | 34, 667     | 13, 829  | 3, 529      |
| Maritime Coal, Railway and Power Co.....            | 450      | 218      | 450         |             | 10       | 14          |
| Massawippi Valley.....                              | 3        | 1, 959   | 2, 180      | 8, 309      | 23, 711  | 48, 506     |
| Midland of Manitoba.....                            |          | 130      | 130         | 275         | 192      | 32, 058     |
| Montreal and Atlantic.....                          | 35       | 28       | 63          | 68          |          | 1, 510      |
| Morrissey, Fernie and Michel.....                   | 237      | 5, 110   | 5, 415      | 5, 819      | 1, 251   | 68          |
| Morrison Junction.....                              | 3, 491   | 489      | 35, 894     | 4, 525      | 733      | 7, 728      |
| Nelson and Fort Sheppard.....                       | 563      | 4, 321   | 5, 066      | 54, 701     | 5, 369   | 17, 958     |
| New Brunswick Coal and Railway Co.....              | 9        | 155      | 331         | 450         | 1, 591   | 60, 070     |
| New Westminster Southern.....                       | 274      | 57       | 331         | 876         | 1, 212   | 2, 041      |
| Ottawa and New York.....                            |          |          |             |             |          | 2, 088      |
| Père Marquette.....                                 |          |          |             |             |          | 387         |
| Quebec Central.....                                 |          |          |             |             |          | 1, 960      |
| Quebec, Montreal and Southern.....                  |          |          |             |             |          | 31, 252     |
| Quebec Oriental.....                                |          |          |             |             |          | 46, 927     |
| Quebec Railway, Light and Power Co.....             |          |          |             |             |          | 5, 217      |
| Red Mountain.....                                   |          |          |             |             |          | 1, 069      |
| Roberval Saguenay.....                              |          |          |             |             |          | 14, 340     |
| Rutland and Noyan.....                              | 2, 291   | 3, 211   | 5, 846      | 12, 761     | 30, 557  | 7, 145      |
| St. Lawrence and Adirondack.....                    | 1, 199   | 384      | 1, 983      | 2, 795      | 34, 141  | 14, 298     |
| Sydney and Louisbourg.....                          | 138      | 43       | 181         | 300         | 2, 422   | 290         |
| Témiscouata.....                                    | 30       | 4, 037   | 4, 131      | 9, 558      | 4, 706   | 39          |
| Thousand Islands.....                               | 3, 929   | 8, 378   | 16, 861     | 4, 456      | 2, 248   | 3, 636      |
| Toronto, Hamilton and Buffalo.....                  | 1, 648   | 198      | 2, 503      | 8, 903      | 58       | 5, 247      |
| Vancouver, Victoria and Eastern.....                |          | 34       | 34          | 39          | 251      | 290         |
| Victoria Terminal Railway and Ferry Co.....         |          |          |             |             |          | 39          |
| Victoria and Sidney.....                            |          |          |             |             |          | 3, 302      |
| Wabash (in Canada).....                             | 349      |          | 83, 854     | 273         | 61       |             |
| Total.....  | 832, 781 | 361, 544 | 1, 717, 858 | 1, 145, 122 | 334, 651 | 1, 527, 945 |



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|   |        |        |        |        |        |        |         |         |        |
|---|--------|--------|--------|--------|--------|--------|---------|---------|--------|
| Dominion Atlantic.....                              |        |        |        |        |        | 697    |         |         | 5,382  |
| Eastern British Columbia.....                       |        |        |        |        |        |        |         |         |        |
| Edmonton, Duvegan and British Columbia.....         |        |        |        |        |        |        |         |         |        |
| Essex Terminal.....                                 |        |        |        |        |        |        |         |         |        |
| Esquimalt and Nanaimo.....                          |        |        |        |        |        |        |         |         |        |
| Fredericton and Grand Lake Coal and Railway Co..... |        |        |        |        |        |        |         |         |        |
| Grand Trunk.....                                    | 200    | 852    | 9,629  | 10,681 | 2,150  | 1,601  | 55,138  | 2,150   | 58,737 |
| Grand Trunk Pacific.....                            |        |        |        |        |        | 9      |         | 39      | 48     |
| Grand Trunk Pacific Branch Lines.....               |        |        |        |        |        |        |         | 11      | 11     |
| Hereford.....                                       | 3      | 6      |        | 9      |        |        |         |         |        |
| Kent Northern.....                                  |        |        |        |        |        |        |         |         |        |
| Kettle Valley.....                                  |        |        |        |        |        |        |         |         |        |
| Lotbinière and Megantic.....                        |        |        |        |        |        |        |         |         |        |
| Maine Central.....                                  |        |        |        |        |        |        |         |         |        |
| Manitoba Great Northern.....                        |        |        |        |        |        |        |         |         |        |
| Maritime Coal, Railway and Power Co.....            |        |        |        |        |        |        |         |         |        |
| Massachusetts Valley.....                           |        |        |        |        |        |        |         |         |        |
| Midland of Manitoba.....                            |        |        |        |        |        |        |         |         |        |
| Montreal and Atlantic.....                          |        | 302    | 10     | 312    |        | 14,287 |         | 2,045   | 119    |
| Morrissey, Perrin and Michel.....                   |        |        |        |        |        |        |         | 4,454   | 18,741 |
| Napierville Junction.....                           |        |        |        |        |        |        |         |         |        |
| Nelson and Fort Sheppard.....                       |        |        |        |        |        |        |         |         | 260    |
| New Brunswick Coal and Railway Co.....              |        |        |        |        |        |        |         |         |        |
| New Westminster Southern.....                       |        |        |        |        |        |        |         |         |        |
| Ottawa and New York.....                            |        | 70     |        | 70     | 41     |        |         | 352     | 739    |
| Père Marquette.....                                 |        |        |        |        |        |        |         | 325     | 327    |
| Quebec Central.....                                 |        |        |        |        |        |        |         |         |        |
| Quebec, Montreal and Southern.....                  |        |        |        |        |        |        |         | 138     | 138    |
| Quebec, Montreal.....                               |        |        |        |        |        |        |         |         |        |
| Quebec Oriental.....                                |        |        |        |        |        |        |         |         |        |
| Quebec Railway, Light and Power Co.....             |        |        |        |        |        |        |         |         |        |
| Red Mountain.....                                   |        |        |        |        |        |        |         |         |        |
| Roberval Saguenay.....                              |        |        |        |        |        |        |         |         |        |
| Rutland and Noyan.....                              |        |        |        |        |        |        |         |         |        |
| St. Lawrence and Adirondack.....                    | 341    | 1      | 534    | 876    | 15     | 44     | 361     | 405     | 405    |
| Sydney and Louisburg.....                           |        |        |        |        |        | 154    | 1,261   | 1,430   | 1,430  |
| Temiscouata.....                                    | 9      | 8      |        | 17     |        |        |         |         |        |
| Temiskaming and Northern Ontario.....               |        | 186    |        | 186    |        |        |         |         |        |
| Thousand Islands.....                               |        |        |        |        |        |        |         |         |        |
| Toronto, Hamilton and Buffalo.....                  | 103    |        |        |        |        |        |         |         |        |
| Vancouver, Victoria and Eastern.....                |        |        | 1,552  | 1,655  |        |        |         | 3,751   | 3,751  |
| Victoria Terminal Railway and Ferry Co.....         |        | 2,934  | 12     | 2,946  |        | 29     | 497     | 526     | 526    |
| Victoria and Sidney.....                            |        |        |        |        |        |        |         |         |        |
| Wabash (in Canada).....                             |        |        |        |        |        |        |         | 38,916  | 38,916 |
| Total.....  | 11,031 | 14,913 | 26,301 | 52,245 | 14,087 | 30,029 | 146,869 | 190,985 |        |

TABLE 12—Summary of Freight Traffic Movement for the Year ending December 31, 1919—Continued

TABLEAU 12—Relevé du mouvement du trafic des marchandises pour l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer | Products of Agriculture—Continued—Produits agricoles—suite |  |  |   |  |  | Other Products of Agriculture<br>Autres produits agricoles |   |  |  |  |  |   |         |
|---|--|--|--|---|--|--|--|---|--|--|--|--|---|---------|
|   | Fruits and Vegetables<br>Fruits et légumes                 |  |  | Total freight tonnage<br>Total du tonnage |  |  | Originating on this road<br>Tonnage issu du réseau         |   | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens |  | Received from U.S. roads<br>Reçu des réseaux des E.-U. |  | Total freight tonnage<br>Total du tonnage |         |
|   | Originating on this road<br>Tonnage issu du réseau         | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens | Received from U.S. roads<br>Reçu des réseaux des E.-U. | Total freight tonnage<br>Total du tonnage | Originating on this road<br>Tonnage issu du réseau | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens | Received from U.S. roads<br>Reçu des réseaux des E.-U.     | Total freight tonnage<br>Total du tonnage |  |  |  |  |   |         |
| Algoma Central and Hudson Bay           | 619  | 914  |  | 1,533                                     |  |  |  |   |  |  |  |  |   |         |
| Alberta Eastern                         | 168  | 46   |  | 264                                       | 1  |  |  |   |  |  |  |  |   | 1       |
| Alberta and Great Waterways             | 132  | 45   |  | 187                                       | 27   |  |  |   |  |  |  |  |   | 27      |
| Atlantic, Quebec and Western            | 3,711  |  |  | 3,711                                     | 78   |  |  |   |  |  |  |  |   | 298     |
| Brandon, Saskatchewan and Hudson Bay    | 63   |  | 776  | 839                                       | 83   |  |  |   |  |  | 40   |  |   | 123     |
| British Yukon                           | 3  |  | 552  | 555                                       |  |  |  |   |  |  | 43   |  |   | 43      |
| Canada and Gulf Terminal                | 7,995  | 182  |  | 8,177                                     | 1  |  |  |   |  |  |  |  |   | 2       |
| Canada Southern                         | 52,291   | 15,944   | 201,603  | 269,748                                   | 4,091  |  |  |   |  |  | 93,789   |  |   | 104,408 |
| Canadian National Railways:             |  |  |  |   |  |  |  |   |  |  |  |  |   |         |
| Intercolonial                           | 110,283  | 25,651   |  | 135,934                                   | 10,833   |  |  |   |  |  | 43,055   |  |   | 53,888  |
| Prince Edward Island                    | 27,781   | 348  |  | 28,129                                    | 2,085  |  |  |   |  |  | 391  |  |   | 2,476   |
| International of New Brunswick          | 294  | 451  |  | 745                                       | 21   |  |  |   |  |  | 12   |  |   | 33      |
| St. John and Quebec                     | 14,920   | 27   |  | 14,947                                    | 1,007  |  |  |   |  |  | 40   |  |   | 1,047   |
| Transcontinental                        | 23,755   | 4,324  |  | 28,079                                    | 5,929  |  |  |   |  |  | 1,752  |  |   | 7,681   |
| Edgin and Havelock                      | 767  |  |  | 767                                       | 96   |  |  |   |  |  |  |  |   | 96      |
| Moncton and Pictouche                   | 1,280  | 34   |  | 1,314                                     |  |  |  |   |  |  | 1  |  |   | 35      |
| Saskbury and Albert                     | 126  |  |  | 126                                       | 10   |  |  |   |  |  |  |  |   | 10      |
| St. Martins                             | 64   | 64   |  | 128                                       | 4  |  |  |   |  |  |  |  |   | 4       |
| York and Carleton                       | 52   |  |  | 52  | 2  |  |  |   |  |  |  |  |   | 2       |
| Canadian Northern                       | 95,480   | 25,688   | 7,829  | 128,997                                   | 1,646  |  |  |   |  |  | 845  |  |   | 2,493   |
| Canadian Pacific                        | 357,385  | 93,844   | 125,016  | 575,245                                   | 203,409  |  |  |   |  |  | 69,541   |  |   | 187,665 |
| Cape Breton                             |  |  |  |   |  |  |  |   |  |  |  |  |   |         |
| Caraquet and Gulf Shore                 |  | 218  |  | 218                                       |  |  |  |   |  |  | 9  |  |   | 9       |
| Central Canada                          | 207  | 118  | 103  | 428                                       | 3,027  |  |  |   |  |  | 794  |  |   | 6,047   |
| Central Vermont                         | 164  |  |  | 164                                       |  |  |  |   |  |  |  |  |   |         |
| Crow's Nest Southern                    | 164  |  |  | 164                                       |  |  |  |   |  |  |  |  |   |         |
| Cumberland                              | 340  | 115  |  | 455                                       | 11   |  |  |   |  |  | 36   |  |   | 47      |

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|   |           |         |           |         |         |         |
|---|-----------|---------|-----------|---------|---------|---------|
| Dominion Atlantic.....                              | 93,851    | 147     | 93,998    | 341     | 252     | 593     |
| Eastern British Columbia.....                       | 20        | 20      | 20        |         |         |         |
| Edmonton, Dunvegan and British Columbia.....        | 1,253     |         | 1,253     | 68      |         | 68      |
| Essex Terminal.....                                 | 1,715     | 348     | 2,063     |         |         |         |
| Esquimalt and Nanaimo.....                          | 915       | 1,495   | 2,410     | 240     | 747     | 987     |
| Fredericton and Grand Lake Coal and Railway Co..... |           |         |           |         |         |         |
| Grand Trunk.....                                    | 145,604   | 42,672  | 197,556   | 39,376  | 5,033   | 97,866  |
| Grand Trunk Pacific.....                            | 4,328     | 2,731   | 235       | 4,097   | 524     | 4,621   |
| Grand Trunk Pacific Branch Lines.....               | 2,734     | 2,354   | 800       | 2,472   | 249     | 2,721   |
| Hereford.....                                       | 282       | 9       | 5,888     |         |         |         |
| Kent Northern.....                                  | 4,385     | 1,938   | 6,323     | 125     | 17      | 162     |
| Kettle Valley.....                                  |           | 32      | 32        |         |         |         |
| Lothbière and Megantic.....                         |           |         | 688       |         |         |         |
| Maine Central.....                                  | 254       | 686     | 686       | 359     |         | 359     |
| Manitoba Great Northern.....                        | 20        | 432     | 86        |         | 8       | 8       |
| Maritime Coal, Railway and Power Co.....            | 525       | 37      | 5,313     | 262     | 188     | 21      |
| Massawippi Valley.....                              | 1,150     | 343     | 16,079    | 193     | 30      | 224     |
| Midland of Manitoba.....                            | 945       | 25,342  | 14,586    | 144     | 9,376   | 1,653   |
| Montreal and Atlantic.....                          |           |         | 907       |         |         |         |
| Morrissey, Fernie and Michel.....                   | 46        | 686     | 2,677     | 88      | 136     | 1,479   |
| Napierville Junction.....                           | 45        | 164     | 2,209     | 1,850   |         | 1,703   |
| Nelson and Port Sheppard.....                       |           |         |           |         |         |         |
| New Brunswick Coal and Railway Co.....              | 20        |         |           | 1,850   |         | 1,850   |
| New Westminster Southern.....                       |           |         |           |         |         |         |
| Ottawa and New York.....                            | 164       | 1,512   | 2,316     | 5       | 495     | 766     |
| Père Marquette.....                                 | 43,317    | 29,427  | 97,773    | 11,506  | 1,815   | 91,277  |
| Quebec Central.....                                 | 218       | 872     | 1,090     |         |         |         |
| Quebec, Montreal and Southern.....                  | 686       | 3,431   | 4,137     | 139     | 78      | 242     |
| Quebec Oriental.....                                | 7,590     | 3,015   | 10,605    | 1,045   | 118     | 1,163   |
| Quebec Railway, Light and Power Co.....             | 319       | 2       | 321       | 112     | 1       | 113     |
| Red Mountain.....                                   | 19        | 82      | 101       |         |         |         |
| Roberval, Saguenay.....                             | 92        |         | 92        | 50      |         | 50      |
| Rutland and Noyan.....                              |           | 118     | 118       |         |         |         |
| St. Lawrence and Adirondack.....                    | 484       | 4,501   | 7,078     | 379     | 921     | 4,759   |
| Sydney and Louisbourg.....                          | 2,060     | 1,169   | 3,229     | 63      | 5       | 68      |
| Temiscouata.....                                    | 2,275     | 38      | 2,313     |         |         |         |
| Temiskaming and Northern Ontario.....               | 2,142     | 5,170   | 7,312     | 12      | 227     | 239     |
| Thousand Islands.....                               |           |         |           |         |         |         |
| Toronto, Hamilton and Buffalo.....                  | 6,031     | 14,821  | 32,451    | 757     | 6,515   | 14,120  |
| Vancouver, Victoria and Eastern.....                | 10,803    | 274     | 25,956    | 1,622   | 4,708   | 6,995   |
| Victoria Terminal Railway and Ferry Co.....         |           | 206     | 206       |         | 23      | 23      |
| Victoria and Sidney.....                            | 3         |         | 3         |         |         |         |
| Wabash (in Canada).....                             |           | 543     | 73,358    | 6,830   |         | 58,421  |
| Total.....  | 1,032,075 | 314,998 | 2,027,459 | 204,530 | 155,350 | 725,430 |
|   |           |         | 680,386   |         | 365,550 |         |

TABLE 12—Summary of Freight Traffic Movement for the Year ending December 31, 1919—Continued  
 TABLEAU 12—Relevé du mouvement du trafic des marchandises pour l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer | Products of Animals—Produits des animaux           |  |  |                       |  |  | Dressed Meats—Viandes préparées                        |                       |  |  |  |                       |                       |  |  |
|---|--|--|--|-----------------------|--|--|--|-----------------------|--|--|--|-----------------------|-----------------------|--|--|
|   | Live Stock—Bétail                                  |  |  | Total freight tonnage |  |  | Received from other roads in Canada                    |                       |  | Received from U.S. roads   |  |                       | Total freight tonnage |  |  |
|   | Originating on this road<br>Tonnage issu du réseau | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens | Received from U.S. roads<br>Reçu des réseaux des E.-U. | Total freight tonnage | Originating on this road<br>Tonnage issu du réseau | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens | Received from U.S. roads<br>Reçu des réseaux des E.-U. | Total freight tonnage | Originating on this road<br>Tonnage issu du réseau | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens | Received from U.S. roads<br>Reçu des réseaux des E.-U. | Total freight tonnage |                       |  |  |
| Algoma Central and Hudson Bay           | 678  | 110  |  | 788                   | 120  | 79   |  | 199                   |  |  |  | 199                   |                       |  |  |
| Algoma Eastern                          | 1,540  | 25   |  | 1,565                 | 1  | 2  |  | 3                     |  |  |  | 3                     |                       |  |  |
| Alberta and Great Waterways             | 2,478  |  |  | 2,478                 | 87   |  |  | 87                    |  |  |  | 87                    |                       |  |  |
| Atlantic, Quebec and Western            | 62   | 45   |  | 107                   | 20   | 414  |  | 434                   |  |  |  | 434                   |                       |  |  |
| Brandon, Saskatchewan and Hudson Bay    | 78   | 20   | 148  | 246                   |  |  |  |                       |  |  |  |                       |                       |  |  |
| British Yukon                           | 2  |  | 216  | 218                   | 7  |  |  | 313                   |  | 306  |  | 313                   |                       |  |  |
| Canada and Gulf Terminal                | 889  | 258  |  | 1,147                 | 28   | 14   |  | 42                    |  |  |  | 42                    |                       |  |  |
| Canada Southern                         | 34,178   | 8,467  | 83,180   | 125,825               | 10,351   | 950  |  | 452,093               |  | 440,792  |  | 452,093               |                       |  |  |
| Canadian National Railways:—            |  |  |  |                       |  |  |  |                       |  |  |  |                       |                       |  |  |
| Intercolonial                           | 29,794   | 8,218  |  | 38,012                | 5,091  | 17,697   |  | 22,788                |  |  |  | 22,788                |                       |  |  |
| Prince Edward Island                    | 11,462   | 320  |  | 11,782                | 1,968  | 210  |  | 2,178                 |  |  |  | 2,178                 |                       |  |  |
| International of New Brunswick          | 1,379  | 299  |  | 1,678                 | 120  | 143  |  | 263                   |  |  |  | 263                   |                       |  |  |
| St. John and Quebec                     | 236  | 201  |  | 437                   | 36   |  |  | 36                    |  |  |  | 36                    |                       |  |  |
| Transcontinental                        | 7,037  | 2,143  |  | 9,200                 | 3,647  | 782  |  | 4,429                 |  |  |  | 4,429                 |                       |  |  |
| Edgin and Havelock                      | 85   |  |  | 85                    | 37   |  |  | 37                    |  |  |  | 37                    |                       |  |  |
| Moncton and Buctouche                   | 80   |  |  | 80                    | 77   |  |  | 77                    |  |  |  | 77                    |                       |  |  |
| Salsbury and Albert                     | 342  |  |  | 342                   | 1  |  |  | 1                     |  |  |  | 1                     |                       |  |  |
| St. Martins                             | 6  |  |  | 6                     | 9  |  |  | 9                     |  |  |  | 9                     |                       |  |  |
| York and Carleton                       | 117  |  |  | 117                   | 22   |  |  | 22                    |  |  |  | 22                    |                       |  |  |
| Canadian Northern                       | 320,429  | 6,389  | 990  | 327,808               | 34,314   | 6,772  |  | 41,330                |  | 244  |  | 41,330                |                       |  |  |
| Canadian Pacific                        | 576,481  | 61,539   | 4,427  | 642,447               | 77,502   | 6,604  |  | 112,937               |  | 28,831   |  | 112,937               |                       |  |  |
| C. a. B. eton                           | 69   | 19   |  | 88                    |  | 3  |  | 3                     |  |  |  | 3                     |                       |  |  |
| Caraquet and Gulf Shore                 |  |  |  |                       |  |  |  |                       |  |  |  |                       |                       |  |  |
| Central Canada                          | 419  | 1,544  |  | 1,963                 | 1  | 12   |  | 13                    |  |  |  | 13                    |                       |  |  |
| Central Vermont                         | 4,704  | 405  | 20   | 5,129                 | 943  | 58   |  | 1,028                 |  | 28   |  | 1,028                 |                       |  |  |
| Crow's Nest Southern                    | 67   |  |  | 67                    | 28   | 5  |  | 33                    |  |  |  | 33                    |                       |  |  |
| Cumberland                              | 66   | 34   |  | 100                   | 21   | 51   |  | 72                    |  |  |  | 72                    |                       |  |  |

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|  |           |         |           |         |         |           |
|--|-----------|---------|-----------|---------|---------|-----------|
| Dominion Atlantic.....                             | 2,737     | 405     | 2,737     | 915     | 11      | 926       |
| Eastern British Columbia.....                      | 13,088    | 405     | 13,493    | 256     | 292     | 256       |
| Edmonton, Dunvegan and British Columbia.....       | 301       | 553     | 854       | 30      | 1,504   | 1,534     |
| Essex Terminal.....                                | 410,521   | 43,433  | 498,631   | 99,133  | 11,234  | 397,401   |
| Fredoncton and Grand Lake Coal and Railway Co..... | 76,016    | 6,186   | 82,214    | 1,953   | 92      | 2,105     |
| Grand Trunk.....                                   | 35,845    | 6,154   | 36,022    | 1,749   | 28      | 847       |
| Grand Trunk Pacific.....                           | 366       | 3       | 369       | 4       | 9       | 13        |
| Hereford.....                                      | 4,581     | 436     | 5,017     | 40      | 40      | 40        |
| Kent Northern.....                                 | 48        | 5       | 53        | 22      | 22      | 22        |
| Kettle Valley.....                                 | 106       | 10      | 126       | 66      | 24      | 20        |
| Lothbriere and Megantic.....                       | 53        | 13      | 66        | 66      | 20      | 24        |
| Maine Central.....                                 | 1,436     | 1,308   | 3,177     | 53      | 20      | 100       |
| Manitoba Great Northern and Power Co.....          | 1,640     | 885     | 3,186     | 219     | 955     | 1,189     |
| Massachusetts Valley.....                          | 5,189     | 1,814   | 7,024     | 8,757   | 33      | 8,790     |
| Midland of Manitoba.....                           | 20        | 20      | 20        | 20      | 592     | 592       |
| Montreal and Atlantic.....                         | 933       | 1,707   | 2,652     | 12      | 12      | 12        |
| Morrissey, Femie and Michel.....                   | 40        | 10      | 122       | 72      | 72      | 72        |
| Napierville Junction.....                          | 426       | 4       | 2,809     | 14      | 14      | 14        |
| Nelson and Fort Sheppard.....                      | 15,974    | 902     | 28,604    | 28,604  | 14      | 14        |
| New Brunswick Coal and Railway Co.....             | 10,327    | 11,728  | 10,327    | 10,327  | 48      | 141       |
| New Westminster Southern.....                      | 2,679     | 30      | 2,709     | 92      | 47      | 572       |
| Ottawa and New York.....                           | 2,264     | 160     | 424       | 155     | 13      | 191       |
| Pere Marquette.....                                | 428       | 78      | 506       | 22      | 22      | 22        |
| Quebec Central.....                                | 10        | 10      | 10        | 72      | 72      | 72        |
| Quebec, Montreal and Southern.....                 | 426       | 462     | 808       | 134     | 62      | 658       |
| Quebec Oriental.....                               | 64        | 280     | 344       | 350     | 404     | 754       |
| Quebec Railway, Light and Power Co.....            | 3,431     | 67      | 3,498     | 22      | 68      | 90        |
| Red Mountain.....                                  | 2,143     | 4,544   | 6,678     | 63      | 2,835   | 2,900     |
| Roberval Saguenay.....                             | 6,387     | 8,852   | 16,222    | 216     | 271     | 1,844     |
| Rutland and Noyan.....                             | 994       | 127     | 4,176     | 29      | 15      | 1,126     |
| St. Lawrence and Adirondack.....                   | 1         | 1       | 1         | 2       | 2       | 2         |
| Sydney and Louisburg.....                          | 4,104     | 648     | 19,924    | 1,779   | 40,180  | 41,959    |
| Teniscouata.....                                   | 1,595,624 | 163,112 | 1,924,432 | 240,850 | 61,487  | 1,102,869 |
| Teniskaming and Northern Ontario.....              | 166,196   | 166,196 | 166,196   | 166,196 | 166,196 | 166,196   |
| Thousand Islands.....                              | 8,852     | 127     | 4,176     | 29      | 15      | 1,126     |
| Toronto, Hamilton and Buffalo.....                 | 3,055     | 3,055   | 3,055     | 3,055   | 3,055   | 3,055     |
| Vancouver, Victoria and Eastern.....               | 1         | 1       | 1         | 2       | 2       | 2         |
| Victoria Terminal Railway and Ferry Co.....        | 4,104     | 648     | 19,924    | 1,779   | 40,180  | 41,959    |
| Victoria and Sidney.....                           | 1         | 1       | 1         | 2       | 2       | 2         |
| Wabash (in Canada).....                            | 1,595,624 | 163,112 | 1,924,432 | 240,850 | 61,487  | 1,102,869 |
| Total.....   | 1,595,624 | 163,112 | 1,924,432 | 240,850 | 61,487  | 1,102,869 |

TABLE 12—Summary of Freight Movement for the Year ending December 31, 1919—Continued

TABIEAU 12—Relevé du mouvement du trafic des marchandises pour l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer | Products of Animals—Continued—Produits des animaux—suite                |  |   |  |  |  | Poultry, Game and Fish<br>Volaille, gibier et poisson                  |  |   |
|---|---|--|---|--|--|--|--|--|---|
|   | Other Packing House Products<br>Autres viandes de conserve et salaisons |  |   | Received from U.S.<br>Reçu des réseaux des E.-U. |  |  | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens |  |   |
|   | Originating on this road<br>Tonnage issu du réseau                      | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens | Total freight tonnage<br>Total du tonnage | Received from U.S.<br>Reçu des réseaux des E.-U. | Originating on this road<br>Tonnage issu du réseau | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens | Received from U.S.<br>Reçu des réseaux des E.-U.                       | Originating on this road<br>Tonnage issu du réseau | Total freight tonnage<br>Total du tonnage |
| Algoma Central and Hudson Bay           | 20  | 2  | 22  |  | 28   |  | 28   | 32   |   |
| Algoma Eastern                          | 2   | 1  | 3   |  | 21   |  | 21   | 21   |   |
| Alberta and Great Waterways             | 31  |  | 31  |  | 3  |  | 3  | 3  |   |
| Atlantic, Quebec and Western            |   | 30   | 30  |  |  |  |  |  |   |
| Brandon, Saskatchewan and Hudson Bay    | 15  |  | 15  |  |  |  |  |  |   |
| British Yukon                           | 3   |  | 36  | 33   | 4  |  | 225  | 369  |   |
| Canada and Gulf Terminal                |   | 3,452  | 292,495                                   | 248,728  | 2,322  | 4  | 2,878  | 60,178   |   |
| Canada Southern                         | 40,315  |  |   |  |  |  |  | 229  |   |
| Canadian National Railways—             |   |  |   |  |  |  |  | 65,378   |   |
| Intercolonial                           | 1,971   | 15,357   | 17,328                                    |  | 44,589   | 29,118   |  | 73,707   |   |
| Prince Edward Island                    | 2,055   | 1,453  | 3,488                                     |  | 3,475  | 339  |  | 3,814  |   |
| International of New Brunswick          | 1   | 68   | 69  |  | 17   | 41   |  | 58   |   |
| St. John and Quebec                     | 13  | 8  | 21  |  | 12   | 15   |  | 27   |   |
| Transcontinental                        | 894   | 809  | 1,703                                     |  | 21,730   | 1,171  |  | 22,901   |   |
| Edgin and Havelock                      | 31  |  | 31  |  | 2  |  |  | 2  |   |
| Moncton and Burdigouche                 | 21  |  | 21  |  | 759  |  |  | 759  |   |
| Salisbury and Albert                    | 31  |  | 31  |  |  |  |  |  |   |
| St. Martins                             |   | 1  | 13  |  | 1  |  |  | 1  |   |
| York and Carleton                       | 12  |  |   |  |  |  |  |  |   |
| Canadian Northern                       | 2,587   | 9,211  | 11,811                                    | 13   | 57,552   | 6,829  |  | 65,016   |   |
| Canadian Pacific                        | 98,192  | 20,596   | 208,366                                   | 84,618   |  |  |  |  |   |
| Cape Breton                             |   |  |   |  |  |  |  |  |   |
| Caruquet and Gulf Shore                 |   |  |   |  |  |  |  |  |   |
| Central Canada                          |   |  |   |  |  |  |  |  |   |
| Central Vermont                         |   |  |   |  | 508  |  |  | 508  |   |
| Crow's Nest Southern                    | 11  | 4  | 15  |  | 26   |  |  | 26   |   |
| Cumberland                              | 11  | 14   | 25  |  | 10   | 46   |  | 56   |   |





TABLE 12—Summary of Freight Traffic Movement for the Year ending December 31, 1919—Continued

TABLEAU 12—Relevé du mouvement du trafic des marchandises pour l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer | Products of Animals—Continued—Produits des animaux—suite |  |   |  |  |   | Hides and Leather<br>Peaux et cuir                                     |   | Total freight tonnage<br>Total du tonnage |  |
|---|--|--|---|--|--|---|--|---|---|--|
|   | Wool—Laine   |  |   | Received from U.S. roads<br>Reçu des réseaux des E.-U. |  |   | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens |   |   | Received from U.S. roads<br>Reçu des réseaux des E.-U. |
|   | Originating on this road<br>Tonnage issu du réseau       | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens | Total freight tonnage<br>Total du tonnage | Originating on this road<br>Tonnage issu du réseau     | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens | Total freight tonnage<br>Total du tonnage | Received from U.S. roads<br>Reçu des réseaux des E.-U.                 | Total freight tonnage<br>Total du tonnage |   |  |
| Algoma Central and Hudson Bay           |  |  |   |  |  |   |  |   |   |  |
| Algonia Eastern                         | 20   |  | 20  |  |  |   |  |   | 2   |  |
| Alberta and Great Waterways             |  |  |   |  |  |   |  |   |   |  |
| Atlantic, Quebec and Western            |  |  |   |  |  |   |  |   |   |  |
| Brandon, Saskatchewan and Hudson Bay    | 10   |  | 10  |  |  |   |  |   | 6   |  |
| British Yukon                           |  |  |   |  |  |   |  |   |   |  |
| Canada and Gulf Terminal                | 40   | 2  | 42  |  |  |   |  |   | 52  |  |
| Canada Southern                         | 709  | 290  | 21,057                                    |  |  |   |  |   | 36,842                                    |  |
| Canadian National Railways—             |  |  |   |  |  |   |  |   |   |  |
| Intercolonial                           | 3,428  | 638  | 4,066                                     |  |  |   |  |   | 5,639                                     |  |
| Prince Edward Island                    | 157  | 64   | 221                                       |  |  |   |  |   | 941                                       |  |
| International of New Brunswick          | 5  |  | 5   |  |  |   |  |   | 56  |  |
| St. John and Quebec                     | 2  |  | 2   |  |  |   |  |   | 3   |  |
| Transcontinental                        | 351  |  | 351                                       |  |  |   |  |   | 2,430                                     |  |
| Egion and Havelock                      |  |  |   |  |  |   |  |   |   |  |
| Moncton and Buctouche                   | 4  |  | 4   |  |  |   |  |   | 4   |  |
| Salisbury and Albert                    |  |  |   |  |  |   |  |   | 15  |  |
| St. Martins                             | 1  |  | 1   |  |  |   |  |   | 15  |  |
| York and Carleton                       | 4  |  | 4   |  |  |   |  |   | 15  |  |
| Canadian Northern                       |  |  |   |  |  |   |  |   |   |  |
| Canadian Pacific                        |  |  |   |  |  |   |  |   |   |  |
| Cape Breton                             | 9,099  | 13   | 13  |  |  |   |  |   | 373                                       |  |
| Caraquet and Gulf Shore                 |  | 5,428  | 2,410                                     |  |  |   |  |   | 27,920                                    |  |
| Central Canada                          | 9  |  | 9   |  |  |   |  |   | 21  |  |
| Central Vermont                         |  |  |   |  |  |   |  |   |   |  |
| Crow's Nest Southern                    | 15   |  | 15  |  |  |   |  |   | 728                                       |  |
| Cumberland                              | 5  |  | 5   |  |  |   |  |   | 3   |  |

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|  | 655    | 17     | 672    | 1,230  | 20     | 1,250   |
|--|--------|--------|--------|--------|--------|---------|
| Dominion Atlantic.....                             |        |        |        |        |        |         |
| Eastern British Columbia.....                      |        |        |        |        |        |         |
| Edmonton, Dunvegan and British Columbia.....       |        |        |        |        |        |         |
| Essex Terminal.....                                | 307    |        | 307    |        | 131    | 131     |
| Esquimaut and Nanaimo.....                         |        |        |        |        |        |         |
| Fredrieton and Grand Lake Coal and Railway Co..... | 1,436  | 1,379  | 11,401 | 30,667 | 4,863  | 47,752  |
| Grand Trunk.....                                   | 77     | 20     | 97     | 2,044  | 40     | 83,282  |
| Grand Trunk Pacific.....                           | 24     |        | 24     | 1,118  | 16     | 2,084   |
| Grand Trunk Pacific Branch Lines.....              | 9      |        | 9      | 4      | 1      | 1,134   |
| Hereford.....                                      |        |        |        |        |        | 5       |
| Kent Northern.....                                 |        |        |        |        |        |         |
| Kettle Valley.....                                 | 9      |        | 9      | 14     | 3      | 17      |
| Lotbinière and Megantic.....                       |        |        |        |        |        |         |
| Maine Central.....                                 |        |        | 20     |        |        |         |
| Manitoba Great Northern.....                       | 5      |        | 5      | 37     |        | 37      |
| Maritime Coal, Railway and Power Co.....           |        |        |        |        |        |         |
| Massachusetts Valley.....                          | 26     | 78     | 146    | 6      | 2      | 8       |
| Midland of Manitoba.....                           |        |        |        | 38     | 323    | 395     |
| Montreal and Atlantic.....                         | 25     |        | 173    | 548    | 548    | 721     |
| Morrissey, Ferme and Michel.....                   |        |        |        | 1,123  | 34,371 | 5,837   |
| Napierville Junction.....                          |        |        |        |        |        | 41,331  |
| Nelson and Fort Sheppard.....                      |        |        | 1      | 1      |        |         |
| New Brunswick Coal and Railway Co.....             |        |        |        |        | 374    | 38      |
| New Westminster Southern.....                      |        |        |        |        |        |         |
| Ottawa and New York.....                           |        |        |        |        |        |         |
| Pere Marquette.....                                | 108    | 21     | 67     | 17     | 49     | 352     |
| Quebec Central.....                                |        |        | 1,108  | 363    | 297    | 23,987  |
| Quebec Montreal and Southern.....                  |        |        |        |        |        |         |
| Quebec Oriental.....                               |        |        |        | 79     | 32     | 111     |
| Quebec Railway, Light and Power Co.....            |        |        |        | 51     | 6      | 57      |
| Red Mountain.....                                  |        |        |        | 32     | 2      | 34      |
| Roberval Saguenay.....                             |        |        |        |        |        |         |
| Rutland and Noyan.....                             |        |        |        |        |        |         |
| St. Lawrence and Adirondack.....                   |        | 5      | 21     | 533    | 422    | 807     |
| Sydney and Louisburg.....                          |        |        |        | 29     | 4      | 33      |
| Temisouata.....                                    | 5      |        | 5      | 76     | 5      | 81      |
| Temisouata and Northern Ontario.....               |        |        |        |        |        |         |
| Thousand Islands.....                              |        | 110    | 110    |        |        |         |
| Toronto, Hamilton and Buffalo.....                 | 149    | 249    | 958    | 184    | 4,272  | 5,964   |
| Vancouver, Victoria and Eastern.....               | 1,056  | 1,773  | 2,829  | 204    | 3,310  | 3,514   |
| Victoria Terminal Railway and Ferry Co.....        |        |        |        |        |        |         |
| Victoria and Sidney.....                           |        |        |        |        |        |         |
| Wabash (in Canada).....                            | 615    | 10     | 11,445 | 11     |        | 15,352  |
| Total.....   | 18,365 | 15,958 | 79,755 | 99,963 | 88,760 | 341,920 |



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|   | 10, 334 | 31     | 10, 365 | 20, 056 | 2         | 20, 058   |
|---|---------|--------|---------|---------|-----------|-----------|
| Dominion Atlantic.....                              |         |        |         |         |           |           |
| Eastern British Columbia.....                       |         |        |         |         |           |           |
| Edmonton, Dunvegan and British Columbia.....        |         |        |         |         |           |           |
| Essex Terminal.....                                 | 70      | 40     | 110     |         | 10,402    | 10,402    |
| Esquimalt and Nanaimo.....                          | 335     | 1,441  | 1,776   |         | 179       | 179       |
| Fredericton and Grand Lake Coal and Railway Co..... |         |        |         |         |           |           |
| Grand Trunk.....                                    | 51,326  | 3,039  | 183,059 | 48,258  | 225,534   | 3,210,588 |
| Grand Trunk Pacific.....                            | 280     |        | 280     |         |           |           |
| Grand Trunk Pacific Branch Lines.....               | 38      |        | 38      |         |           |           |
| Hereford.....                                       | 193     |        | 193     |         | 125       | 125       |
| Kent Northern.....                                  |         |        |         |         |           |           |
| Kettle Valley.....                                  |         |        |         |         |           |           |
| Lothbriere and Megantic.....                        |         |        |         |         |           |           |
| Maine Central.....                                  |         |        |         |         |           |           |
| Manitoba Great Northern.....                        |         | 28     | 28      |         |           |           |
| Maritime Coal, Railway and Power Co.....            |         |        |         |         |           |           |
| Massawippi Valley.....                              | 179     | 139    | 244     |         | 85        | 124       |
| Midland of Manitoba.....                            | 446     | 143    | 667     |         |           | 346       |
| Montreal and Atlantic.....                          | 1,681   | 14,436 | 16,763  |         |           | 5,163     |
| Morrissey, Fernie and Michel.....                   |         |        |         |         |           | 2,491     |
| Napierville Junction.....                           |         | 100    | 100     |         |           | 933       |
| Nelson and Fort Sheppard.....                       |         |        | 147     |         |           | 274,185   |
| New Brunswick Coal and Railway Co.....              |         |        |         |         |           | 350,655   |
| New Westminster Southern.....                       | 2,516   | 14     | 2,557   |         |           |           |
| Ottawa and New York.....                            | 1,183   | 168    | 2,147   |         |           | 68,013    |
| Pere Marquette.....                                 |         |        |         |         |           | 521,295   |
| Quebec Central.....                                 |         |        |         |         |           | 487       |
| Quebec, Montreal and Southern.....                  | 19      |        | 19      |         |           | 9,423     |
| Quebec Oriental.....                                |         |        |         |         |           | 467       |
| Quebec Railway, Light and Power Co.....             | 4       |        | 4       |         |           | 765       |
| Red Mountain.....                                   |         |        |         |         |           | 31,302    |
| Roberval Saguenay.....                              |         |        |         |         |           |           |
| Rutland and Noyau.....                              |         |        |         |         |           |           |
| St. Lawrence and Adirondack.....                    | 2,812   | 1,292  | 6,082   |         |           |           |
| Sydney and Louisbourg.....                          | 5       | 3      | 8       |         |           |           |
| Tenimssouata.....                                   |         |        |         |         |           |           |
| Temisaming and Northern Ontario.....                | 60      | 1,114  | 1,174   |         |           | 166       |
| Thousand Islands.....                               |         |        |         |         |           | 2,820     |
| Toronto, Hamilton and Buffalo.....                  | 2,564   | 6,360  | 13,066  |         |           | 2,820     |
| Vancouver, Victoria and Eastern.....                | 3,800   | 315    | 4,516   |         |           | 493,817   |
| Victoria Terminal Railway and Ferry Co.....         |         |        |         |         |           |           |
| Victoria and Sidney.....                            |         |        |         |         |           |           |
| Wabash (in Canada).....                             | 13      | 49     | 26,878  | 3,706   | 800       | 296,857   |
| Total.....  | 256,143 | 83,234 | 664,972 | 545,904 | 1,474,623 | 8,944,464 |

TABLE 12—Summary of Freight Traffic movement for the Year ending December 31, 1919—Continued  
 TABLEAU 12—Relevé du mouvement du trafic des marchandises pour l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer | Products of Mines—Continued<br>Produits des mines—suite |  |  |  |  |  | Total freight tonnage<br>Total tonnage du fret |
|---|---|--|--|--|--|--|--|
|   | Bituminous Coal<br>Houille bitumineuse                  |  |  | Coke—Coke                                      |  |  |  |
|   | Originating on this road<br>Tonnage issu du réseau      | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens | Received from U.S. roads<br>Reçu des réseaux des E.-U. | Total freight tonnage<br>Total tonnage du fret | Originating on this road<br>Tonnage issu du réseau | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens |  |
| Algoma Central and Hudson Bay           | 3,924   | 68,426   | 1,180  | 73,530   | 3,873  |  | 3,873  |
| Algoma Eastern                          | 78,745  | 37   |  | 78,745   | 134  |  | 33,456   |
| Alberta and Great Waterways             | 378   | 44,132   |  | 44,132   |  |  |  |
| Atlantic, Quebec and Western            |   | 323  | 1,186  | 1,509  |  |  |  |
| Brandon, Saskatchewan and Hudson Bay    |   |  | 91   | 91   |  |  |  |
| British Yukon                           |   |  |  |  |  |  |  |
| Canada and Gulf Terminal                |   |  | 543,037  | 543,037  | 24,680   | 144,379  | 169,059  |
| Canada Southern                         |   |  |  |  |  |  |  |
| Canadian National Railways:—            |   |  |  |  |  |  |  |
| Intercolonial                           | 1,719,008   | 130,990  |  | 1,839,998                                      | 14,090   | 8,572  | 22,662   |
| Prince Edward Island                    | 6,664   | 22,206   |  | 28,960   |  | 181  | 181  |
| International of New Brunswick          | 505   | 54   |  | 649  |  |  |  |
| St. John and Quebec                     | 298   | 2,941  |  | 3,239  |  |  |  |
| Transcontinental                        | 476,396   | 82,750   |  | 559,146  | 2,415  | 14   | 2,429  |
| Edgin and Havelock                      | 20  |  |  | 20   |  |  |  |
| Moncton and Buctouche                   | 45  |  |  | 45   |  |  |  |
| Salisbury and Albert                    | 1,090   | 724  |  | 1,814  |  |  |  |
| St. Martins                             |   |  |  |  |  |  |  |
| York and Carleton                       | 34  |  |  | 34   |  |  |  |
| Canadian Northern                       | 1,217,892   | 385,597  | 159,912  | 1,757,401                                      | 17,826   | 892  | 19,438   |
| Canadian Pacific                        | 1,194,012   | 1,369,571  | 137,161  | 2,700,744                                      | 113,196  | 57,546   | 193,888  |
| Cape Breton                             |   | 320  |  | 320  |  |  |  |
| Caruquet and Gulf Shore                 |   |  |  |  |  |  |  |
| Central Canada                          | 30  | 538  |  | 568  |  |  |  |
| Central Vermont                         | 57  | 8,210  | 7,659  | 15,926   |  | 39   | 39   |
| Crow's Nest Southern                    | 7,850   | 8,342  |  | 16,192   |  |  |  |
| Cumberland                              | 323,183   |  |  | 323,183  |  | 6  | 6  |

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|---|-----------|-----------|-----------|---------|---------|---------|
| Dominion Atlantic.....                              | 26,705    | 1,302     | 26,705    | 5,482   | 26,705  | 5,482   |
| Eastern British Columbia.....                       | 96,135    | 6,503     | 96,135    |         |         |         |
| Edmonton, Dunvegan and British Columbia.....        | 5,201     |           |           |         |         |         |
| Essex Terminal.....                                 | 157,496   | 305       | 157,801   | 46      | 480     | 480     |
| Esquimalt and Nanaimo.....                          | 160,506   |           | 160,506   |         | 336     | 382     |
| Fredericton and Grand Lake Coal and Railway Co..... | 115,360   | 230,068   | 1,811,343 | 99,545  | 5,454   | 170,681 |
| Grand Trunk.....                                    | 471,945   | 64,904    | 2,156,771 | 1       | 73      | 74      |
| Grand Trunk Pacific.....                            | 238,484   | 55,386    | 536,849   |         | 73      | 73      |
| Hereford.....                                       | 1,195     | 66        | 293,901   |         |         |         |
| Kent Northern.....                                  | 101,149   | 1,511     | 1,307     |         |         |         |
| Kettle Valley.....                                  |           |           | 102,660   |         | 651     | 651     |
| Lotbinière and Megantic.....                        |           |           | 47,118    |         |         |         |
| Maine Central.....                                  | 146       | 256       | 2,918     |         |         | 26      |
| Manitoba Great Northern.....                        | 218,170   | 5         | 218,175   |         |         |         |
| Maritime Coal, Railway and Power Co.....            |           | 191       | 1,721     | 203     |         | 362     |
| Massawippi Valley.....                              |           |           | 10,365    |         |         | 305     |
| Midland of Manitoba.....                            |           | 8,133     | 1,860     | 28      | 1,951   | 2,614   |
| Morrissey, Fernie and Michel.....                   |           | 53        | 57,113    |         |         | 568     |
| Naperville Junction.....                            |           |           | 2,472     |         |         | 71      |
| Nelson and Fort Sheppard.....                       | 9,700     |           | 9,700     |         |         |         |
| New Brunswick Coal and Railway Co.....              |           |           | 95,340    |         |         | 496     |
| New Westminster Southern.....                       | 9         | 399       | 593,449   | 14,735  | 97      | 7,055   |
| Ottawa and New York.....                            |           | 21,988    | 21,988    |         |         | 21,887  |
| Pere Marquette.....                                 | 1,831     | 36,198    | 74,480    |         | 306     | 706     |
| Quebec Central.....                                 |           | 835       | 36,198    |         |         |         |
| Quebec, Montreal and Southern.....                  | 14,498    |           | 15,333    | 50      |         | 1,012   |
| Quebec Oriental.....                                |           |           | 566       |         |         | 50      |
| Quebec Railway, Light and Power Co.....             |           |           | 22,161    |         |         |         |
| Red Mountain.....                                   | 22,161    |           | 32,769    |         |         | 69      |
| Roberval Saguenay.....                              | 49        |           | 1,143,870 |         | 8,327   | 8,327   |
| Rutland and Noyan.....                              |           |           | 2,854,840 | 514     |         | 514     |
| St. Lawrence and Adirondack.....                    | 2,854,840 | 440       | 465       | 3       | 52      | 55      |
| Sydney and Louisburg.....                           | 991       | 8,837     | 130,213   |         | 213     | 839     |
| Tennesseuta.....                                    |           |           | 140,041   |         |         |         |
| Teniskaming and Northern Ontario.....               |           |           | 562,666   |         |         | 112,281 |
| Thousand Islands.....                               |           | 294       | 12,048    |         |         | 19,559  |
| Toronto, Hamilton and Buffalo.....                  | 8,994     | 30        | 30        |         |         | 19,559  |
| Vancouver, Victoria and Eastern.....                |           |           | 27,506    |         |         | 11,897  |
| Victoria Terminal Railway and Ferry Co.....         |           | 11,022    | 16,484    |         |         |         |
| Victoria and Sidney.....                            |           |           |           |         |         |         |
| Wabash (in Canada).....                             |           |           |           |         |         |         |
| Total.....  | 9,535,811 | 2,598,492 | 5,431,399 | 296,821 | 110,258 | 908,988 |

TABLE 12—Summary of Freight Traffic Movement for the Year ending December 31, 1919—Continued  
 TABLEAU 12—Relevé du mouvement du trafic des marchandises pour l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer | Ores—Minerais   |  |  |  |  |  | Stone, Sand and other like materials<br>Pierre, sable et matériaux similaires |  |  |  |  |
|---|---|--|--|--|--|--|---|--|--|--|--|
|   | Products of Mines—Continued<br>Produits des mines—suite |  |  |  |  |  | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens        | Received from U.S. roads<br>Reçu des réseaux des E.-U. | Total freight tonnage<br>Total tonnage | Received from U.S. roads<br>Reçu des réseaux des E.-U. | Total freight tonnage<br>Total tonnage |
|   | Originating on this road<br>Tonnage issu du réseau      | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens | Received from U.S. roads<br>Reçu des réseaux des E.-U. | Total freight tonnage<br>Total tonnage | Originating on this road<br>Tonnage issu du réseau | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens |   |  |  |  |  |
| Algoma Central and Hudson Bay           | 230,851   | 2,049  |  | 232,900                                | 20,100   | 336  |   | 13   | 20,449                                 |  |  |
| Algoma Eastern                          | 648,305   | 58,619   |  | 706,924                                | 100,416  | 71   |   |  | 100,487                                |  |  |
| Alberta and Great Waterways             |   |  |  |  | 4,800  |  |   |  | 4,800                                  |  |  |
| Atlantic, Quebec and Western            |   |  |  |  |  |  |   |  |  |  |  |
| Brandon, Saskatchewan and Hudson Bay    |   |  |  |  |  |  |   |  |  |  |  |
| British Yukon                           | 1,643   | 190  |  | 1,833                                  | 1  | 4  |   |  | 5                                      |  |  |
| Canada and Gulf Terminal                |   | 24,884   | 28,331   | 53,215                                 | 166,229  | 11,214   | 114,583   |  | 292,026                                |  |  |
| Canadian National Railways:—            |   |  |  |  |  |  |   |  |  |  |  |
| Intercolonial                           | 758   | 28,074   |  | 28,832                                 | 255,424  | 36,905   |   |  | 292,389                                |  |  |
| Prince Edward Island                    |   |  |  |  | 7,540  | 1,428  |   |  | 8,968                                  |  |  |
| International of New Brunswick          |   |  |  |  | 50   | 67   |   |  | 117                                    |  |  |
| St. John and Quebec                     |   |  |  |  | 885  | 355  |   |  | 1,240                                  |  |  |
| Transcontinental                        | 65,677  |  |  | 65,677                                 | 43,658   | 3,493  |   |  | 47,151                                 |  |  |
| Elgin and Havelock                      |   |  |  |  |  |  |   |  |  |  |  |
| Moncton and Baieverte                   |   |  |  |  | 1,233  |  |   |  | 1,233                                  |  |  |
| Salisbury and Albert                    |   |  |  |  | 3,023  |  |   |  | 3,074                                  |  |  |
| St. Martins                             |   |  |  |  | 191  |  |   |  | 191                                    |  |  |
| York and Carleton                       |   |  |  |  |  |  |   |  |  |  |  |
| Canadian Northern                       | 158,454   | 17,072   | 6,268  | 181,794                                | 333,210  | 19,163   | 3,538   | 3,538  | 355,911                                |  |  |
| Canadian Pacific                        | 594,348   | 40,441   | 22,690   | 657,479                                | 694,983  | 156,879  | 21,134  | 21,134   | 872,996                                |  |  |
| Cape Breton                             |   |  |  |  |  |  |   |  |  |  |  |
| Caraquet and Gulf Shore                 |   |  |  |  | 180  |  |   |  | 180                                    |  |  |
| Central Canada                          |   |  |  |  |  |  |   |  |  |  |  |
| Central Vermont                         | 59  | 178  | 2,507  | 2,744                                  | 22,251   | 1,288  | 3,317   | 3,317  | 26,856                                 |  |  |
| Crow's Nest Southern                    | 7,741   | 235  |  | 7,976                                  |  |  |   |  |  |  |  |
| Cumberland                              |   |  |  |  | 1,769  | 55   |   |  | 1,824                                  |  |  |



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|--|-----------|---------|---------|--|-----------|-----------|---------|-----------|
| Dominion Atlantic.....                             | 2,255     |         |         |  | 2,255     | 3,360     |         | 3,360     |
| Eastern British Columbia.....                      |           |         |         |  |           | 150       |         | 150       |
| Edmonton, Dunvegan and British Columbia.....       |           |         |         |  |           | 530       |         | 530       |
| Essex Terminal.....                                |           |         |         |  |           | 48,157    | 180     | 77,210    |
| Esquimalt and Nanaimo.....                         | 721       | 11      |         |  | 732       | 1,768     | 223     | 1,991     |
| Fredrieton and Grand Lake Coal and Railway Co..... |           |         |         |  |           |           |         |           |
| Grand Trunk.....                                   | 476,673   | 3,397   | 27,676  |  | 507,746   | 1,077,515 | 45,337  | 1,385,566 |
| Grand Trunk Pacific.....                           | 628       |         |         |  | 628       | 10,901    | 889     | 11,790    |
| Grand Trunk Pacific Branch Lines.....              | 5         | 14      |         |  | 19        | 20,723    | 7,924   | 28,647    |
| Hereford.....                                      |           |         |         |  |           | 1,932     | 46      | 2,019     |
| Kent Northern.....                                 |           |         |         |  |           |           |         |           |
| Kettle Valley.....                                 | 2,209     | 4,923   | 2,497   |  | 9,629     | 60        | 55      | 115       |
| Lotbinière and Megantic.....                       |           |         |         |  |           |           |         |           |
| Maine Central.....                                 |           |         |         |  |           |           |         | 116       |
| Manitoba Great Northern.....                       | 320       | 147     |         |  | 467       | 215       |         | 349       |
| Maritime Coal, Railway and Power Co.....           |           |         |         |  |           |           |         | 548       |
| Massawippi Valley.....                             | 21,905    |         | 5,287   |  | 27,192    | 11,548    | 548     | 18,069    |
| Midland of Manitoba.....                           | 30        |         |         |  |           |           |         | 1,679     |
| Montreal and Atlantic.....                         |           |         |         |  |           | 17,614    | 4,999   | 21,855    |
| Morrissey, Ferme and Michel.....                   |           |         |         |  |           | 20        |         | 20        |
| Napierville Junction.....                          |           |         |         |  |           |           |         | 7,793     |
| Nelson and Fort Sheppard.....                      | 224       |         | 1,660   |  | 34,206    | 25        | 1,764   | 9,582     |
| New Brunswick Coal and Railway Co.....             |           |         |         |  | 224       |           |         | 51        |
| New Westminster Southern.....                      |           |         |         |  |           |           |         |           |
| Ottawa and New York.....                           |           | 973     | 503     |  | 1,476     |           | 89      | 89        |
| Père Marquette.....                                |           |         | 45      |  | 45        | 7,502     | 736     | 8,661     |
| Quebec Central.....                                |           |         |         |  |           | 141,930   | 9,703   | 194,084   |
| Quebec, Montreal and Southern.....                 | 155,475   |         |         |  | 155,475   | 30,071    |         | 30,071    |
| Quebec Oriental.....                               |           | 196     | 17,086  |  | 17,282    | 1,394     | 1,453   | 8,926     |
| Quebec Railway, Light and Power Co.....            | 380       | 15      |         |  | 395       | 36,368    | 1,122   | 37,490    |
| Red Mountain.....                                  |           |         | 1,555   |  | 1,555     |           |         |           |
| Roberval Saguenay.....                             | 664       |         |         |  | 664       | 2,152     |         | 2,152     |
| Rutland and Noyan.....                             |           | 33      |         |  | 33        |           |         | 4,608     |
| St. Lawrence and Adirondack.....                   |           | 2,075   |         |  | 2,075     | 287       | 2,644   | 5,716     |
| Sydney and Louisburg.....                          |           |         |         |  |           | 59,232    | 247     | 59,479    |
| Temiscouata.....                                   |           |         |         |  |           | 5,273     | 2,351   | 7,624     |
| Temiskaming and Northern Ontario.....              | 14,889    | 65      |         |  | 14,954    | 18,437    | 2,267   | 22,142    |
| Thousand Islands.....                              |           |         |         |  |           |           |         |           |
| Toronto, Hamilton and Buffalo.....                 |           | 8,176   | 2,464   |  | 10,640    | 79,824    | 9,609   | 116,918   |
| Vancouver, Victoria and Eastern.....               | 88,700    | 1,405   | 23,723  |  | 113,888   | 1,228     | 1,000   | 4,229     |
| Victoria Terminal Railway and Ferry Co.....        |           |         |         |  |           |           |         |           |
| Victoria and Sidney.....                           |           |         |         |  |           |           |         |           |
| Wabash (in Canada).....                            | 611       |         | 28,279  |  | 28,890    |           | 109     | 68,874    |
| Total.....   | 2,473,565 | 230,902 | 170,571 |  | 2,875,038 | 3,234,219 | 354,578 | 4,187,380 |

TABLE 12—Summary of Freight Movement for the Year ending December 31, 1919—Continued  
 TABLEAU 12—Relevé du mouvement du trafic des marchandises pour l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer | Products of Mines— <i>Conchoidal</i><br>Produits des mines— <i>Fin.</i> |  |  |   | Products of Forests<br>Produits des forêts         |  |  |   |
|---|---|--|--|---|--|--|--|---|
|   | Other products of mines<br>Autres produits des mines                    |  |  |   | Lumber—Bois de construction                        |  |  |   |
|   | Originating on this road<br>Tonnage issu du réseau                      | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens | Received from U.S. roads<br>Reçu des réseaux des E.-U. | Total freight tonnage<br>Total du tonnage | Originating on this road<br>Tonnage issu du réseau | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens | Received from U.S. roads<br>Reçu des réseaux des E.-U. | Total freight tonnage<br>Total du tonnage |
| Algoma Central and Hudson Bay           | 14  |  |  | 14  | 615  |  | 1,141  |   |
| Algoma Eastern                          | 34  | 29   |  | 63  | 7,547  |  | 16,581   |   |
| Alberta and Great Waterways             | 55  |  |  | 55  | 1,191  |  | 1,216  |   |
| Atlantic, Quebec and Western            |   | 5,605  |  | 5,605                                     | 20,823   |  | 21,713   |   |
| Brandon, Saskatchewan and Hudson Bay    |   |  |  |   | 79   | 599  | 678  |   |
| British Yukon                           |   |  |  |   | 3  |  | 3  |   |
| Canada and Gulf Terminal                | 65,216  | 20,037   | 259,199  | 344,452                                   | 20,103   | 502  | 20,605   |   |
| Canada Southern                         |   |  |  |   | 21,765   | 49,310   | 306,396  |   |
| Canadian National Railways—             |   |  |  |   |  |  |  |   |
| Intercolonial                           | 41,412  | 19,931   |  | 61,343                                    | 953,621  | 166,991  | 1,120,612  |   |
| Prince Edward Island                    | 1,833   | 2,485  |  | 4,318                                     | 5,216  | 3,763  | 8,379  |   |
| International of New Brunswick          | 80  | 126  |  | 206                                       | 50,511   | 1,116  | 51,627   |   |
| St. John and Quebec                     | 590   | 1,828  |  | 2,328                                     | 4,092  | 193  | 4,285  |   |
| Transcontinental                        | 17,211  | 10,488   |  | 27,699                                    | 355,134  | 27,459   | 382,593  |   |
| Elgin and Havelock                      | 79  |  |  | 79  | 15,303   |  | 15,303   |   |
| Moncton and Buctouche                   | 49  |  |  | 49  | 11,107   | 291  | 11,398   |   |
| Salisbury and Albert                    | 10  |  |  | 10  | 23,747   | 108  | 23,855   |   |
| St. Martins                             | 20  |  |  | 20  | 9,678  |  | 9,678  |   |
| York and Carleton                       |   |  |  |   | 6,137  |  | 6,137  |   |
| Canadian Northern                       | 79,743  | 7,020  | 12,209   | 98,972                                    | 1,180,024  | 373,962  | 1,610,675  |   |
| Canadian Pacific                        | 351,930   | 330,323  | 103,795  | 786,048                                   | 1,793,251  | 519,294  | 2,604,799  |   |
| Cape Breton                             | 2   | 70   |  | 72  | 9,628  | 33   | 9,661  |   |
| Carleton and Gulf Shore                 |   |  |  |   |  |  |  |   |
| Central Canada                          |   | 93   |  | 93  | 71   | 447  | 518  |   |
| Central Vermont                         | 4,014   | 1,785  | 381  | 6,180                                     | 2,082  | 20,034   | 22,714   |   |
| Crow's Nest Southern                    | 36  |  |  | 36  | 66,456   | 1,343  | 67,799   |   |
| Cumberland                              | 11  | 38   |  | 49  | 11,847   | 3,385  | 15,232   |   |

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|---|---------|---------|-----------|-----------|-----------|------------|
| Dominion Atlantic.....                              | 21,457  | 451     | 21,908    | 62,763    | 105       | 62,868     |
| Eastern British Columbia.....                       | 612     | 45      | 45        | 2,748     | 19        | 2,767      |
| Edmonton, Dunvegan and British Columbia.....        | 33,312  | 550     | 612       | 14,978    | 65        | 15,043     |
| Essex Terminal.....                                 | 3,722   | 888     | 33,862    | 17,101    | 17,101    | 17,101     |
| Esquimalt and Nanaimo.....                          | 97,006  | 7,864   | 4,610     | 450,396   | 2,311     | 452,707    |
| Fredrickton and Grand Lake Coal and Railway Co..... | 1,222   | 1,076   | 223,729   | 19,450    | 498,160   | 19,450     |
| Grand Trunk.....                                    | 384     | 1,076   | 2,298     | 150,379   | 35,790    | 186,557    |
| Grand Trunk Pacific.....                            | 114     | 255     | 662       | 37,765    | 29,991    | 68,840     |
| Hereford.....                                       | 6       | 21      | 135       | 11,629    | 45        | 11,695     |
| Kent Northern.....                                  | 1,615   | 1,615   | 1,621     | 16,823    | 11,679    | 28,502     |
| Kettle Valley.....                                  | 50      | 50      | 1,615     | 3,784     | 4,091     | 3,784      |
| Lothière and Megantic.....                          | 13,598  | 6,513   | 20        | 929       | 68        | 4,091      |
| Maine Central.....                                  | 600     | 18      | 22,151    | 3,129     | 1,325     | 2,386      |
| Manitoba Great Northern.....                        | 417     | 20,629  | 26,967    | 7,711     | 189,421   | 4,454      |
| Maritime Coal, Railway and Power Co.....            | 1,125   | 3,420   | 4,545     | 19,793    | 115,291   | 198,944    |
| Massawippi Valley.....                              | 604     | 2,478   | 7,390     | 2,528     | 284       | 26,694     |
| Midland of Manitoban.....                           | 5,229   | 2,630   | 40,553    | 13,376    | 32,031    | 186,311    |
| Montreal and Atlantic.....                          | 12      | 1,172   | 2,391     | 88,266    | 117,781   | 88,266     |
| Morrissey, Fernie and Michel.....                   | 31      | 4,404   | 4,404     | 26,883    | 19,008    | 121,787    |
| Napierville Junction.....                           | 31      | 4,404   | 31        | 27,597    | 3,555     | 45,891     |
| Nelson and Fort Sheppard.....                       | 604     | 2,478   | 7,390     | 2,528     | 284       | 26,694     |
| New Brunswick Coal and Railway Co.....              | 5,229   | 2,630   | 40,553    | 13,376    | 32,031    | 186,311    |
| New Westminster Southern.....                       | 12      | 1,172   | 2,391     | 88,266    | 117,781   | 88,266     |
| Ottawa and New York.....                            | 31      | 4,404   | 4,404     | 26,883    | 19,008    | 121,787    |
| Pere Marquette.....                                 | 15      | 2,043   | 4,620     | 169,736   | 69,275    | 31,152     |
| Quebec Central.....                                 | 532     | 4,646   | 6,106     | 4,397     | 121,374   | 7,720      |
| Quebec, Montreal and Southern.....                  | 1,955   | 1,838   | 3,793     | 12,501    | 11,878    | 6,567      |
| Quebec Oriental.....                                | 15      | 2,043   | 4,620     | 171,640   | 3,278     | 129,796    |
| Quebec Railway, Light and Power Co.....             | 15      | 2,043   | 4,620     | 169,736   | 69,275    | 24,379     |
| Red Mountain.....                                   | 1,947   | 13,288  | 48,657    | 4,234     | 55,459    | 174,915    |
| Roberval Saguenay.....                              | 2,829   | 562     | 7,821     | 1,329     | 243       | 239,069    |
| Rutland and Noyan.....                              | 2,212   | 193     | 178,518   | 476       | 3,287     | 174,915    |
| St. Lawrence and Adirondack.....                    | 740,365 | 474,212 | 1,989,782 | 6,940,395 | 2,640,922 | 81,262     |
| Sydney and Louisbourg.....                          | 15      | 2,043   | 4,620     | 169,736   | 69,275    | 294,560    |
| Temiscouata.....                                    | 1,947   | 13,288  | 48,657    | 4,234     | 55,459    | 1,572      |
| Temiskaming and Northern Ontario.....               | 2,829   | 562     | 7,821     | 1,329     | 243       | 1,329      |
| Thousand Islands.....                               | 2,212   | 193     | 178,518   | 476       | 3,287     | 1,329      |
| Toronto, Hamilton and Buffalo.....                  | 740,365 | 474,212 | 1,989,782 | 6,940,395 | 2,640,922 | 123,745    |
| Vancouver, Victoria and Eastern.....                | 2,212   | 193     | 178,518   | 476       | 3,287     | 1,329      |
| Victoria Terminal Railway and Ferry Co.....         | 740,365 | 474,212 | 1,989,782 | 6,940,395 | 2,640,922 | 1,329      |
| Victoria and Sidney.....                            | 2,212   | 193     | 178,518   | 476       | 3,287     | 1,329      |
| Wabash (in Canada).....                             | 740,365 | 474,212 | 1,989,782 | 6,940,395 | 2,640,922 | 1,329      |
| Total.....  | 740,365 | 474,212 | 1,989,782 | 6,940,395 | 2,640,922 | 10,901,996 |

TABLE 12—Summary of Freight Traffic Movement for the Year ending December 31, 1919—Continued  
 TABLEAU 12—Relevé du mouvement du trafic des marchandises pour l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer   | Products of Forests— <i>Produits des forêts—Fm.</i>     |  |  |   | Manufactures   |  |  |   |
|---|---|--|--|---|--|--|--|---|
|   | Other Products of Forests<br>Autres produits des forêts |  |  |   | Petroleum and Other Oils<br>Pétrole et autres huiles |  |  |   |
|   | Received from other roads in Canada                     |  | Received from U.S. roads                               |   | Received from other roads in Canada                  |  | Received from U.S. roads                               |   |
|   | Originating on this road<br>Tonnage issu du réseau      | Received from other roads in Canada<br>Recu d'autres réseaux canadiens | Received from U.S. roads<br>Recu des réseaux des E.-U. | Total freight tonnage<br>Total du tonnage | Originating on this road<br>Tonnage issu du réseau   | Received from other roads in Canada<br>Recu d'autres réseaux canadiens | Received from U.S. roads<br>Recu des réseaux des E.-U. | Total freight tonnage<br>Total du tonnage |
| Algoma Central and Hudson Bay.....        | 81,889  | 7,048  | .....  | 88,937                                    | 951  | .....  | 993  |   |
| Algoma Eastern.....                       | 1,363   | 56,521   | .....  | 57,884                                    | 68   | .....  | 480  |   |
| Alberta and Great Waterways.....          | 45,064  | .....  | .....  | 45,064                                    | 469  | .....  | 469  |   |
| Athabasca, Quebec and Western.....        | 43,766  | .....  | .....  | 43,766                                    | 174  | .....  | 1,547  |   |
| Brandon, Saskatchewan and Hudson Bay..... | 21  | .....  | .....  | 21  | 64   | .....  | 2,190  |   |
| British Yukon.....                        | 1,262   | .....  | 151  | 1,413                                     | 1  | .....  | 556  |   |
| Canada and Gulf Terminal.....             | 3,930   | 275  | .....  | 4,205                                     | 6  | .....  | 444  |   |
| Canada Southern.....                      | 9,807   | 38,992   | 47,611   | 96,470                                    | 30,150   | 13,623   | 117,379  |   |
| Canadian National Railways:—              |   |  |  |   |  |  |  |   |
| Intercolonial.....                        | 682,398   | 59,641   | .....  | 742,039                                   | 61,711   | 29,748   | 91,459   |   |
| Prince Edward Island.....                 | 6,646   | 5,915  | .....  | 12,561                                    | 2,807  | 2,796  | 5,603  |   |
| International of New Brunswick.....       | 65,846  | 241  | .....  | 66,087                                    | 180  | 85   | 265  |   |
| St. John and Quebec.....                  | 32,323  | 1,279  | .....  | 33,602                                    | 54   | 489  | 543  |   |
| Transcontinental.....                     | 747,110   | 20,430   | .....  | 767,540                                   | 43,224   | 5,726  | 48,950   |   |
| Elgin and Havelock.....                   | 196   | .....  | .....  | 196                                       | 53   | 15   | 68   |   |
| Moncton and Baieouche.....                | 3,270   | .....  | .....  | 3,270                                     | 278  | .....  | 278  |   |
| Saskiury and Albert.....                  | 55  | .....  | .....  | 55  | 340  | 15   | 355  |   |
| St. Martins.....                          | 1,713   | .....  | .....  | 1,713                                     | .....  | .....  | .....  |   |
| York and Carleton.....                    | 2,298   | .....  | .....  | 2,298                                     | 34   | 7  | 41   |   |
| Canadian Northern.....                    | 1,736,274   | 91,533   | 29,417   | 1,857,224                                 | 125,588  | 17,910   | 154,956  |   |
| Canadian Pacific.....                     | 1,529,585   | 461,342  | 18,739   | 2,009,306                                 | .....  | .....  | .....  |   |
| Cape Breton.....                          | .....   | 22   | .....  | 22  | .....  | .....  | .....  |   |
| Caracquet and Gulf Shore.....             | .....   | 93   | .....  | 93  | 4  | 372  | 376  |   |
| Central Canada.....                       | 3,981   | 5,120  | 190  | 9,291                                     | 27   | 1,973  | 2,000  |   |
| Central Vermont.....                      | 18,085  | .....  | .....  | 18,085                                    | 77   | .....  | 77   |   |
| Crow's Nest Southern.....                 | .....   | 23   | .....  | 23  | .....  | 590  | 694  |   |
| Cumberland.....                           | 1,022   | .....  | .....  | 1,045                                     | .....  | .....  | .....  |   |

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|   |           |           |           |         |         |  |  |  |  |         |         |           |
|---|-----------|-----------|-----------|---------|---------|--|--|--|--|---------|---------|-----------|
| Dominion Atlantic.....                              | 10,222    | 30        | 10,526    |         |         |  |  |  |  |         |         |           |
| Eastern British Columbia.....                       | 225       | 127       | 352       |         |         |  |  |  |  |         |         |           |
| Edmonton, Dunvegan and British Columbia.....        | 26,496    |           | 26,496    | 2,013   |         |  |  |  |  |         |         | 2,013     |
| Essex Terminal.....                                 |           |           |           |         |         |  |  |  |  | 4,932   |         | 4,932     |
| Esquimaux and Nanaimo.....                          | 31,821    | 941       | 32,762    |         |         |  |  |  |  |         |         |           |
| Fredericton and Grand Lake Coal and Railway Co..... |           |           |           |         |         |  |  |  |  |         |         |           |
| Grand Trunk Pacific.....                            | 792,894   | 868,864   | 1,879,848 | 247,155 | 308,090 |  |  |  |  | 18,806  | 145,903 | 411,864   |
| Grand Trunk Pacific Branch Lines.....               | 12,253    | 2,888     | 15,121    | 24,254  |         |  |  |  |  | 11,385  | 2,555   | 38,194    |
| Hereford.....                                       | 5,164     | 523       | 5,687     | 10,980  | 11      |  |  |  |  | 2,091   | 117,326 | 130,39    |
| Kent Northern.....                                  | 27,512    | 6,900     | 34,962    | 550     |         |  |  |  |  | 29      | 90      | 178       |
| Kettle Valley.....                                  | 18,362    | 50        | 18,412    |         |         |  |  |  |  | 3,181   |         | 3,184     |
| Lotbinière and Mégantic.....                        |           |           |           |         |         |  |  |  |  | 1,112   |         | 1,112     |
| Maine Central.....                                  | 1,274     | 30        | 91,341    | 163     |         |  |  |  |  | 50      | 143     | 143       |
| Manitoba Great Northern.....                        |           |           |           |         |         |  |  |  |  | 243     | 178     | 391       |
| Maritime Coal, Railway and Power Co.....            | 8,966     | 118,949   | 145,271   | 17,356  |         |  |  |  |  | 4,155   | 173     | 4,328     |
| Massachusetts Valley.....                           | 108       | 1,012     | 1,284     | 167     |         |  |  |  |  | 15      | 36,989  | 37,171    |
| Midland of Manitoba.....                            | 20,557    | 78,333    | 103,419   |         |         |  |  |  |  |         |         |           |
| Montreal and Atlantic.....                          | 8,250     |           | 8,250     | 50      |         |  |  |  |  |         |         | 50        |
| Morrissey, Fernie and Michel.....                   | 29        | 72,725    | 74,690    | 1,936   |         |  |  |  |  | 393     | 1,051   | 1,444     |
| Napierville Junction.....                           | 663       |           | 676       |         |         |  |  |  |  |         |         | 100       |
| Nelson and Fort Sheppard.....                       | 20,875    | 13        | 20,875    |         |         |  |  |  |  |         |         |           |
| New Brunswick Coal and Railway Co.....              |           |           |           |         |         |  |  |  |  |         |         |           |
| New Westminster Southern.....                       |           |           |           |         |         |  |  |  |  |         |         |           |
| Ottawa and New York.....                            | 2,648     | 74,693    | 101,751   | 147     |         |  |  |  |  | 693     | 53      | 893       |
| Père Marquette.....                                 | 2,761     | 1,626     | 26,527    | 72,711  |         |  |  |  |  | 3,432   | 29,858  | 106,021   |
| Quebec Central.....                                 | 350,315   |           | 350,315   |         |         |  |  |  |  | 7,788   |         | 7,788     |
| Quebec, Montreal and Southern.....                  | 5,914     | 75,794    | 81,782    | 74      |         |  |  |  |  | 1,951   | 20      | 1,971     |
| Quebec Oriental.....                                | 10,882    | 2,800     | 13,742    |         |         |  |  |  |  | 1,756   |         | 1,756     |
| Quebec Railway, Light and Power Co.....             | 29,817    | 2,690     | 32,507    | 199     |         |  |  |  |  | 86      |         | 285       |
| Red Mountain.....                                   | 171       | 75        | 1,324     |         |         |  |  |  |  |         | 31      | 31        |
| Roberval Saguenay.....                              | 104,964   |           | 104,964   | 66      |         |  |  |  |  |         |         | 66        |
| Rutland and Noyah.....                              |           | 71,748    | 71,912    |         |         |  |  |  |  | 17      |         | 17        |
| St. Lawrence and Adirondaek.....                    | 1,594     | 38,564    | 42,392    | 4,287   |         |  |  |  |  | 343     | 4,270   | 8,900     |
| Sydney and Louisbourg.....                          | 26,321    | 27,790    | 54,111    |         |         |  |  |  |  |         |         |           |
| Temiscouata.....                                    |           |           |           |         |         |  |  |  |  |         |         |           |
| Thousand Islands.....                               | 234,923   | 77,246    | 312,169   | 150     |         |  |  |  |  | 282     | 361     | 432       |
| Toronto, Hamilton and Buffalo.....                  | 1,622     | 27,122    | 34,860    | 236     |         |  |  |  |  | 8,293   | 33,836  | 42,365    |
| Vancouver, Victoria and Eastern.....                | 9,171     | 3,922     | 13,612    | 1,387   |         |  |  |  |  | 6,649   | 1,911   | 10,147    |
| Victoria Terminal Railway and Ferry Co.....         |           | 1,202     | 1,202     |         |         |  |  |  |  |         |         |           |
| Victoria and Sidney.....                            | 1,180     |           | 1,180     |         |         |  |  |  |  |         |         |           |
| Wabush (in Canada).....                             | 1,373     | 33        | 22,153    |         |         |  |  |  |  |         |         |           |
| Total.....  | 6,774,029 | 2,305,469 | 9,676,718 | 630,614 | 597,220 |  |  |  |  | 158,544 | 462,577 | 1,251,735 |

TABLE 12—Summary of Freight Traffic Movement for the Year ending December 31, 1919—Continued  
 TABLEAU 12—Relevé du mouvement du trafic des marchandises pour l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer   | Manufactures—Continued—suite                       |  |  |                       |  |  | Naval Stores<br>Approvis. des navires                  |                       |                          |  |                       |
|---|--|--|--|-----------------------|--|--|--|-----------------------|--------------------------|--|-----------------------|
|   | Sugar—Sucre  |  |  | Total freight tonnage |  |  | Received from other roads in Canada                    |                       | Received from U.S. roads |  | Total freight tonnage |
|   | Originating on this road<br>Tonnage issu du réseau | Received from other roads in Canada<br>Recu d'autres réseaux canadiens | Received from U.S. roads<br>Recu des réseaux des E.-U. | Total freight tonnage | Originating on this road<br>Tonnage issu du réseau | Received from other roads in Canada<br>Recu d'autres réseaux canadiens | Received from U.S. roads<br>Recu des réseaux des E.-U. | Total freight tonnage |                          |  |                       |
| Algoma Central and Hudson Bay.....        | 171  | 39   |  | 264                   |  |  |  |                       |                          |  |                       |
| Algoma Eastern.....                       | 81   | 4  |  | 85                    |  |  |  |                       |                          |  |                       |
| Alberta and Great Waterways.....          | 151  |  |  | 151                   |  |  |  |                       |                          |  |                       |
| Atlantic, Quebec and Western.....         | 22   | 178  |  | 200                   |  |  |  |                       |                          |  |                       |
| Brandon, Saskatchewan and Hudson Bay..... |  |  | 20   | 20                    |  |  |  |                       |                          |  |                       |
| British Yukon.....                        | 1  |  | 107  | 108                   |  |  |  |                       |                          |  |                       |
| Canada and Gulf Terminal.....             | 19   | 699  |  | 718                   |  |  |  |                       |                          |  |                       |
| Canada Southern.....                      | 1,266  | 3,231  | 88,096   | 92,593                | 177  | 200  | 4,579  |                       | 4,956                    |  |                       |
| Canadian National Railways:—              |  |  |  |                       |  |  |  |                       |                          |  |                       |
| Intercolonial.....                        | 94,935   | 11,301   |  | 106,236               | 210  | 4,403  |  |                       | 2,613                    |  |                       |
| Prince Edward Island.....                 | 1,142  | 3,701  |  | 4,843                 |  | 18   |  |                       | 18                       |  |                       |
| International of New Brunswick.....       | 110  | 57   |  | 167                   | 53   |  |  |                       | 53                       |  |                       |
| St. John and Quebec.....                  | 170  | 395  |  | 565                   |  |  |  |                       |                          |  |                       |
| Transcontinental.....                     | 41,417   | 7,348  |  | 48,765                | 364  | 113  |  |                       | 477                      |  |                       |
| Elgin and Havelock.....                   |  | 30   |  | 30                    |  |  |  |                       |                          |  |                       |
| Moncton and Buctouche.....                | 111  |  |  | 111                   |  |  |  |                       |                          |  |                       |
| Salsbury and Albert.....                  | 2  |  |  | 2                     |  |  |  |                       |                          |  |                       |
| St. Martins.....                          |  |  |  |                       |  |  |  |                       |                          |  |                       |
| York and Carleton.....                    | 1  |  | 522  | 45,393                |  |  |  |                       |                          |  |                       |
| Canadian Northern.....                    | 31,471   | 13,400   | 3,950  | 207,553               |  |  |  |                       |                          |  |                       |
| Canadian Pacific.....                     | 151,375  | 52,228   |  |                       |  |  |  |                       |                          |  |                       |
| Cape Breton.....                          |  |  |  |                       |  |  |  |                       |                          |  |                       |
| Carleton and Gulf Shore.....              |  |  |  |                       |  |  |  |                       |                          |  |                       |
| Central Canada.....                       |  | 173  |  | 173                   |  |  |  |                       |                          |  |                       |
| Central Vermont.....                      | 145  | 994  | 93   | 1,232                 |  |  |  |                       |                          |  |                       |
| Crow's Nest Southern.....                 | 55   |  |  | 55                    |  |  |  |                       |                          |  |                       |
| Cumberland.....                           | 46   | 389  |  | 435                   |  |  |  |                       |                          |  |                       |

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|   |         |         |         |           |       |       |       |        |
|---|---------|---------|---------|-----------|-------|-------|-------|--------|
| Dominion Atlantic.....                              | 2,348   | 1,143   |         | 3,491     |       |       |       |        |
| Eastern British Columbia.....                       |         |         |         | 508       |       |       |       |        |
| Edmonton, Dunvegan and British Columbia.....        | 508     |         |         |           |       |       |       |        |
| Essex Terminal.....                                 |         | 4,002   |         | 4,002     |       |       |       |        |
| Esquimalt and Nanaimo.....                          |         |         |         |           |       |       |       |        |
| Fredericton and Grand Lake Coal and Railway Co..... | 36,080  | 38,238  | 226,094 | 300,412   |       |       |       |        |
| Grand Trunk Pacific.....                            | 976     | 624     |         | 1,600     |       |       |       |        |
| Grand Trunk Pacific Branch Lines.....               | 300     | 507     |         | 807       |       |       |       |        |
| Hereford.....                                       | 48      | 77      |         | 125       |       | 12    |       | 12     |
| Kent Northern.....                                  |         | 767     |         | 767       |       |       |       |        |
| Kettle Valley.....                                  |         | 36      |         | 36        |       |       |       |        |
| Lothbère and Mégantic.....                          |         |         |         |           |       |       |       |        |
| Maine Central.....                                  |         |         |         |           |       |       |       |        |
| Manitoba Great Northern.....                        |         | 169     | 12      | 12        |       |       |       |        |
| Maritime Coal, Railway and Power Co.....            |         | 267     | 916     | 1,183     | 15    | 52    | 25    | 92     |
| Massawippi Valley.....                              |         |         | 27      | 27        |       |       |       |        |
| Midland of Manitoba.....                            |         | 7,428   | 1,955   | 9,633     |       |       |       |        |
| Montreal and Atlantic.....                          | 210     |         |         |           |       |       |       |        |
| Morrissey, Fernie and Michel.....                   |         | 105     | 74      | 181       |       |       |       |        |
| Napierville Junction.....                           | 2       |         | 14      | 14        |       | 10    |       | 10     |
| Nelson and Fort Sheppard.....                       |         |         |         |           |       |       |       |        |
| New Brunswick Coal and Railway Co.....              |         |         |         |           |       |       |       |        |
| New Westminster Southern.....                       |         |         |         |           |       |       |       |        |
| Ottawa and New York.....                            | 116     | 81      | 168     | 365       |       |       |       | 126    |
| Père Marquette.....                                 | 32,913  | 4,144   | 64,229  | 101,286   |       | 74    | 27    |        |
| Quebec Central.....                                 | 1,316   | 5,664   |         | 6,980     |       |       |       |        |
| Quebec, Montreal and Southern.....                  | 324     | 896     | 37      | 1,257     |       |       |       |        |
| Quebec Oriental.....                                |         | 213     |         | 213       |       |       |       |        |
| Quebec Railway, Light and Power Co.....             |         | 106     |         | 469       |       |       |       |        |
| Red Mountain.....                                   | 363     |         |         |           |       |       |       |        |
| Roberval Saguenay.....                              |         |         |         |           |       |       |       |        |
| Rudland and Noyan.....                              |         |         |         |           |       |       |       |        |
| St. Lawrence and Adirondaek.....                    | 80      | 3,694   | 116,232 | 120,006   | 162   |       | 1,006 | 1,168  |
| Sydney and Louisbourg.....                          | 629     | 472     |         | 1,101     |       |       |       |        |
| Temiscouata.....                                    | 108     | 67      |         | 175       |       |       |       |        |
| Temiskaming and Northern Ontario.....               | 12      | 2,058   | 114     | 2,184     |       |       |       |        |
| Thousand Islands.....                               |         |         |         |           |       |       |       |        |
| Toronto, Hamilton and Buffalo.....                  | 461     | 4,687   | 2,353   | 7,501     | 38    | 230   | 1,720 | 1,988  |
| Vancouver, Victoria and Eastern.....                | 167     |         | 158     | 325       | 1,045 |       | 155   | 1,200  |
| Victoria Terminal Railway and Ferry Co.....         |         | 22      |         | 22        |       |       |       |        |
| Victoria and Sidney.....                            |         |         |         |           |       |       |       |        |
| Wabash (in Canada).....                             | 3,541   | 135     | 47,939  | 51,615    |       |       |       |        |
| Total.....  | 403,193 | 169,823 | 553,150 | 1,126,166 | 2,101 | 3,102 | 7,512 | 12,715 |

TABLE 12—Summary of Freight Traffic Movement for the Year ending December 31, 1919—Continued

TABLEAU 12—Relevé du mouvement du trafic des marchandises pour l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer | Manufactures—Continued—suite                                   |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|
|   | Iron, pig and bloom<br>Fer en gueuse et en saumon              |  |  | Iron and Steel Rails<br>Rails en fer et en acier |  |  |  |
|   | Originating<br>on this<br>road<br>Tonnage<br>issu du<br>réseau | Received<br>from other<br>roads in<br>Canada<br>Reçu<br>d'autres<br>réseaux<br>canadiens | Received<br>from U.S.<br>roads<br>Reçu des<br>réseaux<br>des E.-U. | Total<br>freight<br>tonnage<br>du<br>tonnage     | Originating<br>on this<br>road<br>Tonnage<br>issu du<br>réseau | Received<br>from other<br>roads in<br>Canada<br>Reçu<br>d'autres<br>réseaux<br>canadiens | Received<br>from U.S.<br>roads<br>Reçu des<br>réseaux<br>des E.-U. |
| Algoma Central and Hudson Bay           | 37,945   |  |  | 37,945   | 107,457  | 21   | 107,478  |
| Algoma Eastern                          |  |  |  |  | 269  | 81   | 350  |
| Alberta and Great Waterways             |  |  |  |  | 1,088  |  | 1,088  |
| Atlantic, Quebec and Western            |  |  |  |  |  |  |  |
| Brandon, Saskatchewan and Hudson Bay    |  |  |  |  | 18   |  | 18   |
| British Yukon                           |  |  |  |  |  |  | 79   |
| Canada and Gulf Terminal                | 30,815   | 8,074  | 50,268   | 89,157   | 8,067  | 2,737  | 16,815   |
| Canada Southern                         | 98,682   | 14,744   |  | 113,426  | 133,563  | 12,964   | 146,527  |
| Canadian National Railways—             | 275  | 148  |  | 423  | 348  | 1,857  | 2,205  |
| Prince Edward Island                    | 14   | 1  |  | 15   |  | 1  | 1  |
| International of New Brunswick          | 1  | 37   |  | 38   | 16   | 73   | 89   |
| St. John and Quebec                     | 25,520   | 2,985  |  | 28,505   | 38,973   | 9,479  | 48,452   |
| Transcontinental                        |  |  |  |  |  |  |  |
| Elgin and Havelock                      |  |  |  |  |  |  |  |
| Moncton and Buctouche                   | 22   | 15   |  | 37   |  |  |  |
| Salisbury and Albert                    | 13   | 13   |  | 26   |  |  |  |
| St. Martins                             | 5  |  |  | 5  |  |  |  |
| York and Carleton                       |  |  |  |  |  |  |  |
| Canadian Northern                       | 132,164  | 4,046  | 363  | 136,573  | 44,285   | 4,989  | 141,836  |
| Cape Breton                             | 84,064   | 99,330   | 27,285   | 210,679  | 109,368  | 63,276   | 243,467  |
| Cape Breton                             |  |  |  |  |  |  |  |
| Cavaquet and Gulf Shore                 |  |  |  |  |  |  |  |
| Central Canada                          |  | 35   |  | 35   |  | 2,039  | 2,039  |
| Central Vermont                         |  |  |  |  |  |  |  |
| Crow's Nest Southern                    | 25   |  |  | 25   | 26   | 255  | 281  |
| Cumberland                              |  |  |  |  |  |  |  |



STEAM RAILWAY STATISTICS

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|  | 923     | 88      |         | 1,011     | 61      | 12      | 73        |
|--|---------|---------|---------|-----------|---------|---------|-----------|
| Dominion Atlantic.....                             |         |         |         |           |         |         |           |
| Eastern British Columbia.....                      |         |         |         |           |         |         |           |
| Edmonton, Dunvegan and British Columbia.....       |         | 160     |         | 160       |         |         |           |
| Essex Terminal.....                                | 553     | 367     |         | 920       | 706     | 3,347   | 4,053     |
| Esquimalt and Nanaimo.....                         |         |         |         |           |         |         |           |
| Fredricton and Grand Lake Coal and Railway Co..... | 332,035 | 9,587   | 75,578  | 417,200   | 149,171 | 39,237  | 138,566   |
| Grand Trunk Pacific.....                           | 193     | 1,535   |         | 1,728     | 807     | 6,930   | 7,782     |
| Grand Trunk Pacific Branch Lines.....              | 352     | 344     |         | 696       | 389     | 2,815   | 3,249     |
| Hereford.....                                      |         | 1       |         | 1         | 2       | 11      | 13        |
| Kent Northern.....                                 |         |         |         |           |         |         |           |
| Kettle Valley.....                                 | 229     | 596     |         | 825       | 610     | 1,772   | 2,382     |
| Lothbinière and Megantic.....                      |         |         |         |           |         |         |           |
| Maine Central.....                                 |         |         | 290     | 290       |         |         |           |
| Manitoba Great Northern.....                       |         |         |         |           |         |         |           |
| Maritime Coal, Railway and Power Co.....           | 1       |         |         |           | 1       | 74      | 75        |
| Massawippi Valley.....                             |         | 1,268   | 659     | 1,927     | 384     |         | 391       |
| Midland of Manitoba.....                           |         |         | 53      | 53        |         |         | 1,314     |
| Montreal and Atlantic.....                         | 439     | 4,354   |         | 4,793     | 153     | 6,181   | 6,334     |
| Morrissey, Fernie and Michel.....                  |         |         |         |           | 100     |         | 100       |
| Napierville Junction.....                          |         | 440     | 2,109   | 2,549     |         | 81      | 81        |
| Nelson and Fort Sheppard.....                      | 68      |         |         | 68        |         |         | 68        |
| New Brunswick Coal and Railway Co.....             |         |         |         |           |         |         |           |
| New Westminster Southern.....                      |         |         |         |           |         |         |           |
| Ottawa and New York.....                           |         |         |         |           |         |         |           |
| Père Marquette.....                                | 7       |         |         |           |         |         |           |
| Quebec Central.....                                | 637     | 7,755   | 1,277   | 1,284     | 1       | 48      | 48        |
| Quebec, Montreal and Southern.....                 | 452     | 4,956   | 21,675  | 30,067    |         | 104     | 307       |
| Quebec Oriental.....                               |         | 1,320   |         | 4,956     |         | 2,142   | 2,517     |
| Quebec Railway, Light and Power Co.....            |         |         |         | 1,772     | 1,157   |         | 2,124     |
| Red Mountain.....                                  | 560     |         |         | 560       | 1,704   | 20      | 1,157     |
| Roberval Saguenay.....                             |         |         |         |           |         | 450     | 2,154     |
| Rutland and Noyan.....                             |         |         |         |           | 261     |         | 261       |
| St. Lawrence and Adirondack.....                   | 8       | 620     | 1,001   | 1,629     |         |         | 46        |
| Sydney and Louisbourg.....                         | 445     | 187     |         | 632       | 2,399   | 18      | 2,417     |
| Temiscouata.....                                   |         | 47      |         | 47        | 3       |         | 3         |
| Temiskaming and Northern Ontario.....              |         | 245     |         | 245       | 55      | 302     | 420       |
| Thousand Islands.....                              |         |         |         |           |         |         |           |
| Toronto, Hamilton and Buffalo.....                 | 2,033   | 10,467  | 28,900  | 41,400    | 10      | 6,186   | 2,754     |
| Vancouver, Victoria and Eastern.....               | 1,192   | 418     | 656     | 2,266     | 8,059   |         | 10,474    |
| Victoria Terminal Railway and Ferry Co.....        |         |         |         |           |         |         |           |
| Victoria and Sidney.....                           |         |         |         |           |         |         |           |
| Wabash (in Canada).....                            |         |         |         |           |         |         |           |
| Total.....   | 749,671 | 174,170 | 217,214 | 1,141,055 | 609,798 | 165,628 | 1,017,251 |

TABLE 12—Summary of Freight Traffic Movement for the Year ending December 31, 1919—Continued

TABLEAU 12—Relevé du mouvement du trafic des marchandises pour l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer | Manufactures—Continued—suite                                 |  |  |  |  |   | Bar and Sheet Metal<br>Métal en barres et en tôles                     |  |   |         |  |
|---|--|--|--|--|--|---|--|--|---|---------|--|
|   | Other Castings and Machinery<br>Autres fontes et machineries |  |  | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens |  |   | Received from other roads in U.S.<br>Reçu des réseaux des E.-U.        |  | Received from other roads in U.S.<br>Reçu des réseaux des E.-U. |         | Total freight tonnage<br>Total tonnage |
|   | Originating on this road<br>Tonnage issu du réseau           | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens | Received from U.S. roads<br>Reçu des réseaux des E.-U. | Total freight tonnage<br>Total tonnage                                 | Originating on this road<br>Tonnage issu du réseau | Received from other roads in U.S.<br>Reçu des réseaux des E.-U. | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens | Received from U.S. roads<br>Reçu des réseaux des E.-U. |   |         |  |
| Algoma Central and Hudson Bay           | 563  | 175  |  | 738  | 3,407  | 23  |  |  |   | 3,430   |  |
| Algoma Eastern                          | 492  | 2,661  |  | 3,153  | 3  |   |  |  |   | 3       |  |
| Alberta and Great Waterways             | 274  | 12   |  | 286  |  |   |  |  |   |         |  |
| Atlantic, Quebec and Western            | 68   | 81   |  | 149  |  | 23  |  |  |   | 23      |  |
| Brandon, Saskatchewan and Hudson Bay    | 50   |  | 395  | 445  |  |   |  |  |   |         |  |
| British Yukon                           | 8  |  | 198  | 206  | 2  |   |  | 62   |   | 64      |  |
| Canada and Gulf Terminal                | 159  | 675  |  | 834  |  | 10  |  |  |   | 10      |  |
| Canada Southern                         | 77,252   | 32,989   | 122,189  | 232,430  | 78,062   | 17,340  | 235,495  |  |   | 330,897 |  |
| Canadian National Railways—             |  |  |  |  |  |   |  |  |   |         |  |
| Intercolonial                           | 42,798   | 57,793   |  | 100,591  | 43,312   | 12,311  |  |  |   | 55,623  |  |
| Prince Edward Island                    | 665  | 959  |  | 1,624  | 30   | 118   |  |  |   | 148     |  |
| International of New Brunswick          | 162  | 204  |  | 366  | 30   |   |  |  |   | 31      |  |
| St. John and Quebec                     | 273  | 125  |  | 398  |  | 114   |  |  |   | 114     |  |
| Transcontinental                        | 23,563   | 5,906  |  | 29,469   | 21,066   | 943   |  |  |   | 22,009  |  |
| Edgin and Havelock                      | 23   |  |  | 23   | 1  |   |  |  |   | 1       |  |
| Moncton and Pictouche                   | 152  | 32   |  | 184  | 6  |   |  |  |   | 6       |  |
| Salsbury and Albert                     | 144  | 1  |  | 145  | 1  |   |  |  |   | 1       |  |
| St. Martin                              | 39   | 39   |  | 78   |  | 3   |  |  |   | 4       |  |
| York and Carleton                       | 6  | 2  |  | 8  |  |   |  |  |   |         |  |
| Canadian Northern                       | 54,596   | 6,114  | 4,346  | 65,056   | 15,315   | 7,260   | 11,995   |  |   | 34,570  |  |
| Canadian Pacific                        | 160,533  | 67,689   | 44,015   | 272,237  | 54,566   | 68,836  | 49,466   |  |   | 172,868 |  |
| Cape Breton                             |  |  |  |  |  |   |  |  |   |         |  |
| Caracquet and Gulf Shore                |  |  |  |  |  |   |  |  |   |         |  |
| Central Canada                          | 64   | 233  |  | 297  |  |   |  |  |   |         |  |
| Central Vermont                         | 137  | 366  | 42   | 515  | 302  | 310   |  |  |   | 612     |  |
| Crow's Nest Southern                    |  |  |  |  |  |   |  |  |   |         |  |
| Cumberland                              | 67   | 324  |  | 391  | 31   | 135   |  |  |   | 166     |  |

STEAM RAILWAY STATISTICS

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|   | 2,191   | 342     |         | 2,533     | 249     | 5       | 254       |
|---|---------|---------|---------|-----------|---------|---------|-----------|
| Dominion Atlantic.....                              |         | 342     |         | 2,533     |         |         |           |
| Eastern British Columbia.....                       | 22      |         |         | 22        |         |         |           |
| Edmonton, Dunvegan and British Columbia.....        | 64      |         |         | 1,094     |         |         |           |
| Essex Terminal.....                                 | 665     |         | 17,112  | 5,605     |         | 16,171  | 33,283    |
| Esquimalt and Nanaimo.....                          | 859     | 2,153   | 105     | 3,012     |         | 3,797   | 3,902     |
| Fredericton and Grand Lake Coal and Railway Co..... |         |         |         |           |         |         |           |
| Grand Trunk.....                                    | 135,895 | 73,920  |         | 218,997   | 127,129 | 2,287   | 168,452   |
| Grand Trunk Pacific.....                            | 13,637  | 36      |         | 22,372    | 945     | 600     | 1,545     |
| Grand Trunk Pacific Branch Lines.....               | 10,494  | 2,823   |         | 13,317    | 52      | 257     | 385       |
| Hereford.....                                       | 30      | 27      |         | 70        | 2       | 17      | 19        |
| Kent Northern.....                                  |         |         |         |           |         |         |           |
| Kettle Valley.....                                  | 477     | 3,135   | 75      | 3,687     | 5       | 5,397   | 5,402     |
| Lothainiere and Megantic.....                       | 131     | 108     |         | 239       |         |         |           |
| Maine Central.....                                  |         |         | 91      | 191       |         |         | 54        |
| Manitoba Great Northern.....                        | 38      |         | 157     | 195       |         |         |           |
| Maritime Coal, Railway and Power Co.....            | 18      | 110     |         | 128       |         |         |           |
| Massachusetts Valley.....                           | 676     | 610     | 1,257   | 2,543     | 586     | 95      | 728       |
| Midland of Manitoba.....                            | 186     | 45      | 3,064   | 3,295     |         | 2,409   | 2,409     |
| Montreal and Atlantic.....                          | 1,735   | 5,025   | 15,726  | 22,486    | 294     | 2,816   | 7,539     |
| Morrissey, Fernie and Michel.....                   |         |         |         |           |         |         |           |
| Napierville Junction.....                           | 16      | 9,291   | 1,236   | 10,543    |         | 5,846   | 16,542    |
| Nelson and Fort Sheppard.....                       | 22      | 136     | 119     | 277       | 20      |         | 20        |
| New Brunswick Coal and Railway Co.....              |         |         |         |           |         |         |           |
| New Westminster Southern.....                       |         | 10      |         | 10        |         |         |           |
| Ottawa and New York.....                            | 89      | 255     | 2,374   | 2,718     | 6       | 1,217   | 3,271     |
| Père Marquette.....                                 | 659     | 2,164   | 19,234  | 22,057    | 8,528   | 3,694   | 98,466    |
| Quebec Central.....                                 |         | 4,248   |         | 4,248     |         | 7,080   | 7,080     |
| Quebec, Montreal and Southern.....                  | 754     | 340     | 349     | 1,043     | 3,459   | 541     | 5,089     |
| Quebec Oriental.....                                | 10      | 138     |         | 148       |         | 23      | 23        |
| Quebec Railway, Light and Power Co.....             | 315     | 110     |         | 425       |         |         |           |
| Red Mountain.....                                   |         |         | 10      | 10        |         |         |           |
| Roberval Saguenay.....                              |         |         |         |           |         |         |           |
| Rutland and Noyan.....                              | 1,147   |         |         | 1,147     |         |         |           |
| St. Lawrence and Adirondack.....                    | 621     | 908     | 2,656   | 4,185     | 683     | 158     | 6,054     |
| Sydney and Louisbourg.....                          | 4,181   | 833     |         | 5,014     | 4,461   | 1,153   | 5,614     |
| Temiscouata.....                                    | 186     | 215     | 16      | 401       | 16      |         | 16        |
| Temiskaming and Northern Ontario.....               | 1,596   | 7,731   | 731     | 10,058    | 13      | 1,611   | 1,646     |
| Thousand Islands.....                               |         |         |         |           |         |         |           |
| Toronto, Hamilton and Buffalo.....                  | 36,568  | 23,839  | 32,184  | 92,591    | 16,356  | 8,161   | 129,142   |
| Vancouver, Victoria and Eastern.....                | 4,546   | 39      | 4,983   | 9,628     | 2,304   | 2,681   | 36,659    |
| Victoria Terminal Railway and Ferry Co.....         |         | 135     |         | 135       |         |         |           |
| Victoria and Sidney.....                            | 13      |         |         | 13        |         |         |           |
| Wabash (in Canada).....                             | 642     | 4,610   | 53,720  | 58,972    | 500     | 288     | 29,446    |
| Total.....  | 588,330 | 262,613 | 383,090 | 1,234,033 | 398,999 | 171,322 | 1,183,619 |

TABLE 12—Summary of Freight Traffic Movement for the Year ending December 31, 1919—Continued

TABLEAU 12—Relevé du mouvement du trafic des marchandises pour l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer   | Manufactures—Continued—suite                       |  |  |   |  |  |  |   |  |  |
|---|--|--|--|---|--|--|--|---|--|--|
|   | Cement, Brick and Lime<br>Ciment, brique et chaux  |  |  |   |  | Agricultural Implements, Wagons, Carriages and Tools, etc.—Instruments aratoires, wagons, voitures, outils, etc. |  |   |  |  |
|   | Originating on this road<br>Tonnage issu du réseau | Received from roads in Canada<br>Reçu d'autres réseaux canadiens | Received from U.S. roads<br>Reçu des réseaux des E.-U. | Total freight tonnage<br>Total du tonnage | Originating on this road<br>Tonnage issu du réseau | Received from other roads in Canada<br>Reçu d'autres réseaux canadiens   | Received from U.S. roads<br>Reçu des réseaux des E.-U. | Total freight tonnage<br>Total du tonnage |  |  |
| Algoma Central and Hudson Bay.....        | 660  | 3,480  | 269  | 4,409                                     | 119  | 3  | 122  |   |  |  |
| Algoma Eastern.....                       | 426  | 18,814   |  | 19,240                                    |  | 13   | 13   |   |  |  |
| Alberta and Great Waterways.....          | 148  |  |  | 148                                       | 104  |  | 104  |   |  |  |
| Atlantic, Quebec and Western.....         | 39   | 801  |  | 840                                       |  | 10   | 10   |   |  |  |
| Brandon, Saskatchewan and Hudson Bay..... | 10   |  |  | 10  |  | 10   | 192  |   |  |  |
| British Yukon.....                        | 1  |  | 45   | 46  | 10   | 1  | 130  |   |  |  |
| Canada and Gulf Terminal.....             | 287  | 1,250  |  | 1,546                                     | 41   | 120  | 161  |   |  |  |
| Canada Southern.....                      | 23,065   | 26,898   | 107,824  | 157,787                                   | 256,446  | 17,490   | 418,805  |   |  |  |
| Canadian National Railways:—              |  |  |  |   |  |  |  |   |  |  |
| Intercolonial.....                        | 79,783   | 105,551  |  | 185,334                                   | 10,396   | 12,399   | 22,795   |   |  |  |
| Prince Edward Island.....                 | 2,034  | 4,893  |  | 6,927                                     | 1,279  | 1,684  | 2,963  |   |  |  |
| International of New Brunswick.....       | 117  | 194  |  | 311                                       | 98   | 25   | 123  |   |  |  |
| St. John and Quebec.....                  | 1,567  | 646  |  | 2,213                                     | 113  | 92   | 205  |   |  |  |
| Transcontinental.....                     | 97,874   | 16,214   |  | 114,088                                   | 24,558   | 3,593  | 28,151   |   |  |  |
| Elgin and Havelock.....                   | 14   |  |  | 14  | 3  |  | 3  |   |  |  |
| Moncton and Baetouche.....                | 54   | 44   |  | 98  | 32   |  | 32   |   |  |  |
| Salisbury and Albert.....                 | 31,945   |  |  | 31,945                                    | 4  |  | 4  |   |  |  |
| St. Martins.....                          |  | 62   |  | 62  | 2  |  | 2  |   |  |  |
| York and Carleton.....                    |  |  |  |   | 1  |  | 1  |   |  |  |
| Canadian Northern.....                    | 213,675  | 35,998   | 7,788  | 257,461                                   | 73,004   | 10,638   | 88,730   |   |  |  |
| Canadian Pacific.....                     | 667,765  | 108,927  | 14,923   | 791,615                                   | 129,286  | 56,990   | 233,543  |   |  |  |
| Cape Breton.....                          |  | 33   |  | 33  | 5  | 38   | 43   |   |  |  |
| Caracquet and Gulf Shore.....             |  | 94   |  | 94  | 8  |  | 394  |   |  |  |
| Central Canada.....                       | 934  | 5,662  | 60   | 6,656                                     | 48   |  | 180  |   |  |  |
| Central Vermont.....                      | 33   |  |  | 33  |  | 13   | 13   |   |  |  |
| Crow's Nest Southern.....                 | 39   | 197  |  | 236                                       | 7  | 10   | 17   |   |  |  |
| Cumberland.....                           |  |  |  |   |  |  |  |   |  |  |

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|   |           |         |           |         |         |           |
|---|-----------|---------|-----------|---------|---------|-----------|
| Dominion Atlantic.....                              | 10,714    | 106     | 10,820    | 1,456   | 490     | 1,946     |
| Eastern British Columbia.....                       | 2,433     | 20      | 2,453     | 2,198   | 8       | 2,206     |
| Edmonton, Dunvegan and British Columbia.....        | 41,210    | 1,133   | 41,210    | 572     | 353     | 925       |
| Essex Terminal.....                                 | 1,508     | 19,269  | 585,998   | 85,037  | 3,475   | 183,189   |
| Esquimalt and Nanaimo.....                          | 487,224   | 996     | 19,836    | 8,990   | 7,599   | 16,607    |
| Fredrickton and Grand Lake Coal and Railway Co..... | 18,840    | 635     | 15,629    | 7,706   | 4,040   | 11,870    |
| Grand Trunk.....                                    | 14,994    | 73      | 153       | 20      | 68      | 88        |
| Grand Trunk Pacific.....                            | 80        |         |           |         |         |           |
| Grand Trunk Pacific Branch Lines.....               |           |         |           |         |         |           |
| Hereford.....                                       | 133       | 4,006   | 4,139     | 232     | 438     | 689       |
| Kent Northern.....                                  |           | 21      | 21        |         | 5       | 5         |
| Kettle Valley.....                                  |           | 66      | 66        |         |         |           |
| Lotbinière and Megantic.....                        |           | 148     | 148       | 81      | 40      | 958       |
| Maine Central.....                                  |           | 114     | 116       | 116     | 12      | 14        |
| Manitoba Great Northern.....                        | 2         | 1,808   | 3,384     | 61      | 77      | 168       |
| Maritime Coal, Railway and Power Co.....            | 705       | 381     | 424       | 65      | 24      | 7,710     |
| Massawippi Valley.....                              | 43        | 294     | 11,859    | 330     | 13,057  | 14,006    |
| Midland of Manitoba.....                            | 392       |         | 70        |         |         |           |
| Montreal and Atlantic.....                          | 70        | 529     | 2,432     |         | 7       | 7         |
| Morrissey, Fernie and Michel.....                   | 278       |         | 55        |         |         |           |
| Napierville Junction.....                           |           |         |           |         |         |           |
| Nelson and Port Sheppard.....                       |           |         |           |         |         |           |
| New Brunswick Coal and Railway Co.....              | 38        | 38      | 38        |         |         |           |
| New Westminster Southern.....                       | 659       | 1,641   | 2,415     | 122     | 104     | 239       |
| Ottawa and New York.....                            | 9,250     | 18,053  | 45,488    | 70      | 307     | 2,270     |
| Père Marquette.....                                 | 13,321    | 7,179   | 20,500    |         |         |           |
| Quebec Central.....                                 | 331       | 4,342   | 5,155     | 17      | 37      | 76        |
| Quebec, Montreal and Southern.....                  | 29,366    | 1,285   | 1,285     |         |         |           |
| Quebec Oriental.....                                |           | 970     | 30,336    | 79      | 5       | 84        |
| Quebec Railway, Light and Power Co.....             |           |         | 120       |         |         | 6         |
| Red Mountain.....                                   |           |         |           | 472     |         | 472       |
| Roberval Saguenay.....                              |           |         |           |         |         |           |
| Rutland and Noyan.....                              | 2,533     |         | 2,533     |         |         |           |
| St. Lawrence and Adirondack.....                    | 1,907     | 1,820   | 6,688     | 1,074   | 20      | 2,366     |
| Sydney and Louisburg.....                           | 2,424     | 599     | 3,023     | 11      | 34      | 45        |
| Temisconata.....                                    | 134       | 838     | 972       | 100     | 99      | 199       |
| Temiskaming and Northern Ontario.....               | 3,062     | 10,614  | 13,987    | 99      | 13,548  | 13,647    |
| Thousand Islands.....                               |           |         |           |         |         |           |
| Toronto, Hamilton and Buffalo.....                  | 7,803     | 25,148  | 60,975    | 41,558  | 1,970   | 45,611    |
| Vancouver, Victoria and Eastern.....                | 1,675     | 1,749   | 3,484     | 21      |         | 829       |
| Victoria Terminal Railway and Ferry Co.....         | 5         |         | 5         |         |         |           |
| Victoria and Sidney.....                            |           |         |           |         |         |           |
| Wabash (in Canada).....                             | 84        | 135     | 53,392    | 4,144   | 355     | 64,588    |
| Total.....  | 1,730,396 | 483,582 | 2,532,952 | 650,061 | 149,821 | 1,167,659 |

TABLE 12—Summary of Freight Traffic Movement for the Year ending December 31, 1919—Continued  
 TABLEAU 12—Relevé du mouvement du trafic des marchandises pour l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer | Manufactures—Continued—suite                         |                                     |                          |                       |                                     |                          | Household Goods and Furniture<br>Meubles et articles de ménage |                                     |                          |                       |                       |
|---|--|-------------------------------------|--------------------------|-----------------------|-------------------------------------|--------------------------|--|-------------------------------------|--------------------------|-----------------------|-----------------------|
|   | Wines, Liquors and Beers<br>Vins, liqueurs et bières |                                     |                          | Total freight tonnage |                                     |                          | Received from other roads in Canada                            |                                     | Received from U.S. roads |                       | Total freight tonnage |
|   | Originating on this road                             | Received from other roads in Canada | Received from U.S. roads | Total freight tonnage | Received from other roads in Canada | Received from U.S. roads | Originating on this road                                       | Received from other roads in Canada | Received from U.S. roads | Total freight tonnage |                       |
| Algoma Central and Hudson Bay           | 94   | 49                                  | 143                      | 143                   | 144                                 | 19                       | 10   | 173                                 |                          |                       |                       |
| Algoma Eastern                          | 66   | 66                                  | 66                       | 66                    | 278                                 | 1                        | 279  |                                     |                          |                       |                       |
| Alberta and Great Waterways             | 15   | 33                                  | 15                       | 15                    | 33                                  | 33                       | 33   |                                     |                          |                       |                       |
| Atlantic, Quebec and Western            | 66   | 66                                  | 66                       | 66                    | 63                                  | 73                       | 136  |                                     |                          |                       |                       |
| Brandon, Saskatchewan and Hudson Bay    |  |                                     |                          |                       | 20                                  | 12                       | 32   |                                     |                          |                       |                       |
| British Yukon                           |  |                                     |                          |                       |                                     | 13                       | 33   |                                     |                          |                       |                       |
| Canada and Gulf Terminal                | 1,230  | 80                                  | 80                       | 80                    | 77                                  | 153                      | 230  |                                     |                          |                       |                       |
| Canada Southern                         | 7,044  | 739                                 | 13,818                   | 15,787                | 6,878                               | 894                      | 37,265   |                                     |                          |                       |                       |
| Canadian National Railways:—            |  |                                     |                          |                       |                                     |                          |  |                                     |                          |                       |                       |
| Intercolonial                           |  |                                     |                          |                       |                                     |                          |  |                                     |                          |                       |                       |
| Prince Edward Island                    | 9  | 13                                  | 22                       | 22                    | 542                                 | 205                      | 747  |                                     |                          |                       |                       |
| International of New Brunswick          | 111  | 3,421                               | 10,465                   | 10,465                | 11,650                              | 5,432                    | 17,082   |                                     |                          |                       |                       |
| St. John and Quebec                     | 9  | 392                                 | 503                      | 503                   | 542                                 | 528                      | 1,070  |                                     |                          |                       |                       |
| Transcontinental                        | 2,352  | 563                                 | 2,915                    | 2,915                 | 93                                  | 22                       | 354  |                                     |                          |                       |                       |
| Elgin and Havelock                      | 13   |                                     | 13                       | 13                    | 16,116                              | 5,229                    | 115  |                                     |                          |                       |                       |
| Moncton and Baie-touche                 |  |                                     |                          |                       | 29                                  | 1                        | 30   |                                     |                          |                       |                       |
| Salisbury and Albert                    |  |                                     |                          |                       | 93                                  | 1                        | 93   |                                     |                          |                       |                       |
| St. Martins                             |  |                                     |                          |                       | 103                                 | 3                        | 106  |                                     |                          |                       |                       |
| York and Carleton                       |  | 2                                   | 2                        | 2                     | 32                                  | 32                       | 34   |                                     |                          |                       |                       |
| Canadian Northern                       | 8,553  | 2,415                               | 46                       | 11,014                | 53                                  | 21                       | 74   |                                     |                          |                       |                       |
| Canadian Pacific                        | 49,290   | 19,611                              | 3,947                    | 72,848                | 84,361                              | 6,134                    | 91,367   |                                     |                          |                       |                       |
| Cape Breton                             |  |                                     |                          |                       | 89,852                              | 14,633                   | 112,411  |                                     |                          |                       |                       |
| Caraquet and Gulf Shore                 |  |                                     |                          |                       | 2                                   | 2                        | 2  |                                     |                          |                       |                       |
| Central Canada                          |  | 48                                  | 48                       | 48                    |                                     | 36                       | 36   |                                     |                          |                       |                       |
| Central Vermont                         | 32   | 1,052                               | 1,084                    | 1,084                 | 153                                 | 150                      | 340  |                                     |                          |                       |                       |
| Crow's Nest Southern                    | 133  |                                     | 133                      | 133                   | 1                                   | 1                        | 9  |                                     |                          |                       |                       |
| Cumberland                              |  |                                     |                          |                       | 24                                  | 43                       | 67   |                                     |                          |                       |                       |

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|   |         |        |         |         |        |         |
|---|---------|--------|---------|---------|--------|---------|
| Dominion Atlantic                               | 1,023   | 249    | 1,272   | 3,601   | 390    | 3,991   |
| Eastern British Columbia                        | 263     |        | 263     | 459     |        | 10      |
| Edmonton, Duvegan and British Columbia          |         |        |         |         |        | 459     |
| Essex Terminal                                  | 487     | 1,248  | 1,735   | 748     | 848    | 1,596   |
| Esquimalt and Nanaimo                           |         |        |         |         |        |         |
| Fredericton and Grand Lake Coal and Railway Co. | 29,944  | 992    | 34,822  | 54,980  | 3,617  | 75,596  |
| Grand Trunk                                     | 3,874   | 501    | 4,375   | 14,284  | 4,472  | 18,761  |
| Grand Trunk Pacific                             |         |        |         | 1,034   | 67     | 1,101   |
| Grand Trunk Pacific Branch Lines                |         |        |         |         |        |         |
| Hereford  | 21      | 49     | 70      | 359     | 81     | 447     |
| Kent Northern                                   |         |        |         | 393     | 849    | 1,261   |
| Kettle Valley                                   |         | 99     | 99      | 187     | 10     | 197     |
| L'Angele and Megantic                           |         |        |         |         | 23     | 23      |
| Maine Central                                   |         |        |         |         | 57     | 211     |
| Manitoba Great Northern                         |         | 6      | 6       | 154     | 78     | 164     |
| Maritime Coal, Railway and Power Co.            |         | 97     | 97      | 86      | 460    | 735     |
| Mississippi Valley                              |         | 41     | 41      | 161     | 70     | 725     |
| Midland of Manitoba                             |         | 3,401  | 3,458   | 1,437   | 1,669  | 3,369   |
| Montreal and Atlantic                           | 57      |        |         |         |        |         |
| Morrissey, Ferme and Michel                     |         | 26     | 26      | 32      | 15     | 80      |
| Napierville Junction                            |         | 21     | 21      | 30      |        | 54      |
| Nelson and Fort Sheppard                        |         |        |         |         |        |         |
| New Brunswick Coal and Railway Co.              |         |        |         |         |        |         |
| New Westminster Southern                        | 82      | 3      | 94      | 224     | 100    | 341     |
| Ottawa and New York                             | 5,080   | 180    | 7,156   |         |        |         |
| Pere Marquette                                  | 5,235   | 2,124  | 7,359   | 4,363   | 8,496  | 12,859  |
| Quebec Central                                  |         | 955    | 955     | 147     | 132    | 301     |
| Quebec, Montreal and Southern                   |         | 105    | 105     | 234     | 113    | 347     |
| Quebec Oriental                                 | 246     | 30     | 276     | 322     | 58     | 380     |
| Quebec Railway, Light and Power Co.             |         |        |         | 10      |        | 20      |
| Red Mountain                                    | 12      |        | 12      | 10,062  |        | 10,062  |
| Roberval Saguenay                               |         |        |         |         | 6      | 6       |
| Rutland and Noyan                               | 347     | 12     | 1,479   | 450     | 1,127  | 1,910   |
| St. Lawrence and Adirondack                     | 267     | 1,495  | 1,762   | 23      | 42     | 65      |
| Sydney and Louisburg                            | 130     | 271    | 401     | 291     | 75     | 366     |
| Temiscouata                                     | 81      | 2,419  | 2,512   | 482     | 7,455  | 7,937   |
| Temiskaming and Northern Ontario                |         |        |         |         |        |         |
| Thousand Islands                                |         | 892    | 975     | 994     | 943    | 828     |
| Toronto, Hamilton and Buffalo                   | 89      |        | 537     | 288     | 40     | 2,765   |
| Vancouver, Victoria and Eastern                 | 121     |        |         |         | 300    | 628     |
| Victoria Terminal Railway and Ferry Co.         |         |        |         |         |        |         |
| Victoria and Sidney                             |         |        |         |         |        |         |
| Wabash (in Canada)                              | 2,001   |        | 9,183   | 12      | 10     | 29,336  |
| Total   | 118,923 | 48,545 | 194,295 | 306,782 | 64,744 | 466,601 |
|   |         | 31,827 |         |         | 95,075 |         |

TABLE 12—Summary of Freight Traffic Movement for the Year ending December 31, 1919—Continued  
 TABLEAU 12—Relevé du mouvement du trafic des marchandises pour l'année terminée le 31 décembre 1919—suite

| Name of Railway<br>Nom du chemin de fer | Manufactures— <i>Concluded—fin.</i>                |  |                                |                              | Miscellaneous—Divers                     |  |                                |                             |
|---|--|--|--------------------------------|------------------------------|--|--|--------------------------------|-----------------------------|
|   | Other Manufactures<br>Autres produits manufacturés |  |                                |                              | Merchandise—Marchandises                 |  |                                |                             |
|   | Originating<br>on this<br>road                     | Received<br>from other<br>roads in<br>Canada | Received<br>from U.S.<br>roads | Total<br>freight<br>tonnage  | Originating<br>on this<br>road           | Received<br>from other<br>roads in<br>Canada | Received<br>from U.S.<br>roads | Total<br>freight<br>tonnage |
| Tonnage<br>issu du<br>réseau            | Recu<br>d'autres<br>réseaux<br>canadiens           | Recu des<br>réseaux<br>des E.-U.             | Total<br>du<br>tonnage         | Tonnage<br>issu du<br>réseau | Recu<br>d'autres<br>réseaux<br>canadiens | Recu des<br>réseaux<br>des E.-U.             | Total<br>du<br>tonnage         |                             |
| Algoma Central and Hudson Bay           | 20,143   | 39,401                                       | 1,164                          | 60,708                       | 3,590                                    | 457  | 257                            | 4,304                       |
| Algoma Eastern                          | 57,875   | 1,211  |                                | 59,086                       | 3,955                                    | 902  |                                | 4,857                       |
| Alberta and Great Waterways             | 2,772  |  |                                | 2,772                        | 2,503                                    | 5  |                                | 2,508                       |
| Atlantic, Quebec and Western            | 34,339   | 3,880  |                                | 38,219                       | 900                                      | 2,421  |                                | 3,321                       |
| Brandon, Saskatchewan and Hudson Bay    | 112  |  | 201                            | 313                          | 1,445                                    | 13   | 181                            | 1,639                       |
| British Yukon                           | 1  |  | 628                            | 629                          | 417                                      | 70   | 2,309                          | 2,796                       |
| Canada and Gulf Terminal                | 1,906  | 713  |                                | 2,619                        |  |  |                                |                             |
| Canada Southern                         | 289,689  | 73,554                                       | 808,031                        | 1,171,274                    |  |  |                                |                             |
| Canadian National Railways:—            |  |  |                                |                              |  |  |                                |                             |
| Intercolonial                           | 329,206  | 229,317                                      |                                | 558,523                      | 95,405                                   | 36,185                                       |                                | 131,590                     |
| Prince Edward Island                    | 17,907   | 20,955                                       |                                | 38,862                       | 8,799                                    | 4,016  |                                | 12,815                      |
| International of New Brunswick          | 5,411  | 728  |                                | 6,139                        | 1,597                                    | 220  |                                | 1,817                       |
| St. John and Quebec                     | 5,364  | 1,039  |                                | 6,423                        | 4,100                                    | 89   |                                | 4,189                       |
| Transcontinental                        | 167,100  | 62,360                                       |                                | 229,460                      | 36,018                                   | 10,124                                       |                                | 46,142                      |
| Elgin and Havelock                      | 780  | 21   |                                | 801                          | 180                                      |  |                                | 180                         |
| Moncton and Buctouche                   | 3,110  | 119  |                                | 3,229                        | 416                                      | 1  |                                | 417                         |
| Saskbury and Albert                     | 718  | 229  |                                | 947                          | 455                                      | 15   |                                | 470                         |
| St. Martins                             | 224  | 229  |                                | 453                          | 126                                      |  |                                | 126                         |
| York and Carleton                       | 351  | 5  |                                | 356                          | 89                                       |  |                                | 89                          |
| Canadian Northern                       | 613,210  | 63,027                                       | 63,621                         | 739,858                      | 785,700                                  | 111,295                                      | 21,145                         | 918,140                     |
| Canadian Pacific                        | 1,633,446  | 780,892                                      | 204,217                        | 2,618,555                    | 1,111,088                                | 423,792                                      | 64,956                         | 1,599,836                   |
| Cape Breton                             | 539  | 647  |                                | 1,186                        | 366                                      | 776  |                                | 1,142                       |
| Caracquet and Gulf Shore                |  |  |                                |                              |  |  |                                |                             |
| Central Canada                          | 93   | 1,326  |                                | 1,419                        | 125                                      | 759  |                                | 884                         |
| Central Vermont                         | 6,900  | 8,285  | 1,790                          | 17,065                       | 6,018                                    | 6,952  | 964                            | 13,931                      |
| Crow's Nest Southern                    | 77   | 44   |                                | 121                          | 312                                      | 33   |                                | 345                         |
| Cumberland                              | 1,549  | 3,320  |                                | 4,869                        |  | 691  |                                | 691                         |



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|---|-----------|-----------|---------------|-----------|---------|-----------|
| Dominion Atlantic.....                                    | 76,393    | 6,492     | 82,885        | 16,223    | 3,070   | 19,293    |
| Eastern British Columbia.....                             | 64        | 75        | 139           | 51        | 396     | 447       |
| Edmonton, Dunvegan and British Columbia.....              | 11,828    | 105       | 11,933        | 8,059     | 89      | 8,148     |
| Essex Terminal.....                                       | 32,825    | 70,818    | 103,643       |           |         |           |
| Esquimaux and Nanaimo.....                                | 14,859    | 10,541    | 25,400        | 13,828    | 13,645  | 27,473    |
| Fredricton and Grand Lake Coal and Railway Co.....        | 2,959     |           | 2,959         |           |         |           |
| Grand Trunk.....  | 1,564,812 | 284,209   | 2,608,063     | 594,387   | 107,544 | 1,119,625 |
| Grand Trunk Pacific.....                                  | 21,383    | 5,607     | 27,039        | 91,203    | 13,215  | 104,418   |
| Grand Trunk Pacific Branch Lines.....                     | 16,590    | 7,210     | 23,904        | 46,116    | 4,329   | 50,582    |
| Hereford.....   | 9,383     | 343       | 9,789         | 1,902     | 620     | 2,966     |
| Kent Northern.....  |           |           | Not reported. | 2,357     | 10,692  | 13,050    |
| Kettle Valley.....  | 1,103     | 11,081    | 12,247        | 265       |         | 265       |
| Lothbère and Megantic <sup>1</sup> .....                  |           | 275       | 97,920        | 761       | 6,267   | 6,267     |
| Maine Central.....  |           | 24        | 207           | 144       | 107     | 1,012     |
| Manitoba Great Northern.....                              | 44        |           | 761           | 183       | 153     | 336       |
| Maritime Coal, Railway and Power Co.....                  | 11,150    | 5,044     | 622           | 5,400     | 2,628   | 11,238    |
| Massawippi Valley.....                                    | 4,410     | 650       | 16,816        | 633       | 3,210   | 4,084     |
| Midland of Manitoba.....                                  | 18,866    | 72,488    | 259,842       | 15,103    | 23,818  | 144,308   |
| Montreal and Atlantic.....                                | 5         |           | 5             |           |         |           |
| Morrissey, Fernie and Michel.....                         | 385       | 63,947    | 71,935        | 147       | 19,055  | 20,890    |
| Naperville Junction.....                                  |           |           | 149           | 1,403     | 79      | 1,920     |
| Nelson and Fort Sheppard.....                             |           |           |               | 2,297     |         | 2,297     |
| New Brunswick Coal and Railway Co.....                    |           |           |               |           |         |           |
| New Westminster Southern.....                             |           |           |               |           |         |           |
| Ottawa and New York.....                                  | 18,709    | 57,246    | 128,917       | 902       | 704     | 1,863     |
| Père Marquette.....                                       | 65,455    | 23,179    | 448,197       | 10,423    | 8,635   | 186,232   |
| Quebec Central.....                                       | 115,865   | 49,251    | 165,116       | 26,175    | 52,353  | 78,528    |
| Quebec, Montreal and Southern.....                        | 1,603     | 6,690     | 9,912         | 5,755     | 5,577   | 12,481    |
| Quebec Oriental.....                                      | 1,459     | 32,221    | 33,680        | 842       | 5,415   | 6,257     |
| Quebec Railway, Light and Power Co.....                   | 578       | 26        | 604           | 3,854     | 519     | 4,373     |
| Red Mountain.....   |           |           | 15            | 56        | 6       | 256       |
| Roberval Saguenay.....                                    | 97,582    |           | 97,582        | 2,073     | 194     | 2,073     |
| Rutland and Noyan.....                                    |           | 2,915     | 3,546         |           | 89      | 3,629     |
| St. Lawrence and Adirondack.....                          | 6,907     | 52,493    | 87,100        | 813       | 747     | 3,138     |
| Sidney and Louisburg.....                                 | 24,123    | 9,207     | 33,330        | 5,727     | 4,883   | 10,610    |
| Temisconata.....  |           |           |               | 293       | 221     | 514       |
| Temiskaming and Northern Ontario.....                     | 57,747    | 15,254    | 73,925        | 36,658    | 35,305  | 73,021    |
| Thousand Islands <sup>2</sup> .....                       |           |           |               |           |         |           |
| Toronto, Hamilton and Buffalo.....                        | 32,501    | 54,455    | 174,864       |           |         |           |
| Vancouver, Victoria and Eastern.....                      | 3,454     | 3,775     | 14,531        | 7,859     | 249     | 14,618    |
| Victoria Terminal Railway and Ferry Co <sup>3</sup> ..... |           | 134       | 134           | 421       | 138     | 559       |
| Victoria and Sidney <sup>3</sup> .....                    | 23        |           | 23            | 69        | 50      | 119       |
| Wabash (in Canada).....                                   | 16,062    | 1,490     | 417,418       | 832       | 1,759   | 181,710   |
| Total.....  | 5,422,039 | 2,140,360 | 10,681,644    | 2,966,674 | 915,023 | 4,870,882 |

<sup>1</sup>For 6 months.—<sup>1</sup>Pendant 6 mois.  
<sup>2</sup>Not distributed.—<sup>2</sup>Non réparti.  
<sup>3</sup>For 4 months.—<sup>3</sup>Pendant 4 mois.



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|---|---------|---------|---------|---------|------------|------------|--|--|------------|-------------|
| Dominion Atlantic.....                              |         |         |         |         | 415,469    | 18,175     |  |  |            | 433,644     |
| Eastern British Columbia.....                       |         |         |         |         | 99,383     | 849        |  |  |            | 100,232     |
| Edmonton, Dunvegan and British Columbia.....        |         |         |         |         | 149,215    | 6,110      |  |  |            | 155,325     |
| Essex Terminal.....                                 | 4,668   |         |         |         | 142,129    | 238,900    |  |  |            | 381,119     |
| Esquimaux and Nanaimo.....                          |         |         |         |         | 684,985    | 84,237     |  |  |            | 769,222     |
| Fredericton and Grand Lake Coal and Railway Co..... |         |         |         |         | 185,065    |            |  |  |            | 185,065     |
| Grand Trunk.....                                    |         |         |         |         | 10,683,754 | 2,748,257  |  |  | 9,845,052  | 23,277,063  |
| Grand Trunk Pacific.....                            |         |         |         |         | 1,612,966  | 216,272    |  |  | 3,424      | 1,832,662   |
| Grand Trunk Pacific Branch Lines.....               |         |         |         |         | 926,347    | 123,792    |  |  | 119,834    | 1,169,973   |
| Heneford.....                                       |         |         |         |         | 105,890    | 4,069      |  |  | 1,031      | 110,990     |
| Kent Northern.....                                  | 650     | 306     | 20      | 976     |            |            |  |  |            |             |
| Kettle Valley.....                                  |         |         |         |         | 163,485    | 77,993     |  |  | 3,244      | 244,722     |
| Lotbinière and Megantic.....                        |         |         |         |         | 23,280     | 1,401      |  |  | 24,681     |             |
| Maine Central.....                                  |         |         | 1,847   | 1,847   |            |            |  |  | 253,380    | 253,380     |
| Manitoba Great Northern.....                        |         | 74      | 1,198   | 272     | 29,840     | 1,759      |  |  | 7,237      | 38,836      |
| Maritime Coal, Railway and Power Co.....            |         |         |         |         | 221,750    | 4,732      |  |  |            | 226,482     |
| Mississippi Valley.....                             |         | 315     | 1,735   | 5,042   | 89,695     | 356,602    |  |  | 54,425     | 500,722     |
| Midland of Manitoba.....                            | 2,992   |         |         |         | 12,108     | 21,275     |  |  | 115,302    | 148,685     |
| Montreal and Atlantic.....                          |         |         |         |         | 144,037    | 1,006,774  |  |  | 352,473    | 1,503,284   |
| Morrissey, Fernie and Michel.....                   |         |         |         |         | 45,903     | 5,493      |  |  | 274,185    | 325,581     |
| Napierville Junction.....                           |         |         |         |         | 10,496     | 311,952    |  |  | 453,806    | 776,254     |
| Nelson and Fort Sheppard.....                       |         | 24      | 75      | 211     | 27,968     | 311,788    |  |  | 5,536      | 34,292      |
| New Brunswick Coal and Railway Co.....              |         |         |         |         | 34,722     |            |  |  |            | 34,722      |
| New Westminster Southern.....                       |         |         |         |         | 2,651      | 527        |  |  |            | 3,178       |
| Ottawa and New York.....                            |         |         |         |         | 46,873     | 170,642    |  |  | 265,626    | 483,141     |
| Père Marquette.....                                 | 628     | 1,214   | 123     | 1,965   | 512,381    | 157,601    |  |  | 2,750,226  | 3,420,208   |
| Quebec Central.....                                 |         |         |         |         | 804,907    | 224,528    |  |  |            | 1,029,435   |
| Quebec, Montreal and Southern.....                  |         |         |         |         | 87,599     | 245,133    |  |  | 137,200    | 469,932     |
| Quebec Oriental.....                                |         |         |         |         | 50,189     | 117,665    |  |  |            | 167,854     |
| Quebec Railway, Light and Power Co.....             |         | 304     |         | 4,679   | 162,773    | 19,039     |  |  |            | 181,812     |
| Red Mountain.....                                   | 4,375   |         |         |         | 470        | 229        |  |  | 5,677      | 6,376       |
| Roberval Saguenay.....                              |         |         |         |         | 256,201    |            |  |  |            | 256,201     |
| Rutland and Noyan.....                              |         |         |         |         | 695        | 112,126    |  |  | 45,648     | 188,469     |
| St. Lawrence and Adirondack.....                    |         |         | 2,697   | 16,694  | 56,033     | 298,436    |  |  | 1,839,943  | 2,194,412   |
| Sydney and Louisbourg.....                          |         | 6,445   |         |         | 3,010,421  | 69,573     |  |  |            | 3,079,994   |
| Temiscouata.....                                    | 10,552  | 4,200   |         | 14,752  | 197,765    | 15,992     |  |  |            | 213,757     |
| Thousand Islands.....                               | 5,058   | 6,702   | 402     | 12,162  | 558,743    | 340,508    |  |  | 154,275    | 1,053,526   |
| Thousand Islands and Northern Ontario.....          |         |         |         |         | 33,936     |            |  |  |            | 33,936      |
| Toronto, Hamilton and Buffalo.....                  | 45,800  | 44,738  | 21,055  | 111,593 | 306,693    | 470,594    |  |  | 1,501,322  | 2,278,609   |
| Vancouver, Victoria and Eastern.....                | 1,235   | 1,029   | 2,468   | 4,732   | 442,275    | 59,924     |  |  | 163,714    | 665,913     |
| Victoria Terminal Railway and Ferry Co.....         |         |         |         |         | 1,794      | 2,577      |  |  |            | 4,371       |
| Victoria and Sidney.....                            |         |         |         |         | 1,576      | 1,291      |  |  |            | 2,867       |
| Wabash (in Canada).....                             |         |         |         |         | 51,302     | 25,578     |  |  | 2,417,816  | 2,494,696   |
| Total.....  | 323,049 | 187,653 | 399,360 | 910,062 | 61,022,808 | 20,138,185 |  |  | 30,326,787 | 111,487,780 |

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TABLE 13—Summary of Cars in Freight Service

TABLEAU 13—Etat des wagons de marchandises

| Number | Name of Railway<br>Nom du chemin de fer         | Box Cars<br>Fourgons |                           | Flat Cars<br>Plates-formes |                           | Stock Cars<br>A bestiaux |                           |
|--------|---|----------------------|---------------------------|----------------------------|---------------------------|--------------------------|---------------------------|
|        |   | Number               | Aggregate Capacity (Tons) | Number                     | Aggregate Capacity (Tons) | Number                   | Aggregate Capacity (Tons) |
|        |   | Nombre               | Capacité totale (tonnes)  | Nombre                     | Capacité totale (tonnes)  | Nombre                   | Capacité totale (tonnes)  |
| 1      | Algoma Central and Hudson Bay                   | 54                   | 2,160                     | 388                        | 15,520                    |                          |                           |
| 2      | Algoma Eastern                                  | 16                   | 640                       | 104                        | 4,160                     |                          |                           |
| 3      | Alberta and Great Waterways                     | 99                   | 2,970                     | 37                         | 1,110                     |                          |                           |
| 4      | Atlantic, Quebec and Western                    | 3                    | 90                        | 25                         | 750                       |                          |                           |
| 5      | Brandon, Saskatchewan and Hudson Bay            | 60                   | 2,260                     | 6                          | 230                       | 4                        | 100                       |
| 6      | British Yukon                                   | 77                   | 1,516                     | 71                         | 1,400                     | 31                       | 620                       |
| 7      | Canada and Gulf Terminal                        | 4                    | 120                       |                            |                           |                          |                           |
| 8      | Canada Southern                                 | 1,388                | 50,400                    | 186                        | 8,400                     |                          |                           |
| 9      | Canadian National Railways:—                    |                      |                           |                            |                           |                          |                           |
| 10     | Intercolonial                                   | 15,306               | 508,540                   | 2,292                      | 80,330                    | 135                      | 4,050                     |
| 11     | Prince Edward Island                            | 338                  | 4,405                     | 204                        | 3,190                     | 28                       | 350                       |
| 12     | International of New Brunswick                  |                      |                           | 40                         | 1,200                     |                          |                           |
| 13     | St. John and Quebec                             |                      |                           |                            |                           |                          |                           |
| 14     | Transcontinental                                | 2,662                | 104,830                   | 101                        | 3,030                     | 1,194                    | 33,820                    |
| 15     | Elgin and Havelock                              | 1                    | 20                        |                            |                           |                          |                           |
| 16     | Moncton and Buetouche                           | 5                    | 150                       | 31                         | 620                       |                          |                           |
| 17     | Salisbury and Albert                            |                      |                           |                            |                           |                          |                           |
| 18     | St. Martins                                     |                      |                           |                            |                           |                          |                           |
| 19     | York and Carleton                               |                      |                           |                            |                           |                          |                           |
| 20     | Canadian Northern                               | 25,558               | 827,380                   | 5,524                      | 185,860                   | 1,883                    | 56,470                    |
| 21     | Canadian Pacific                                | 63,458               | 2,300,140                 | 8,899                      | 303,120                   | 5,317                    | 162,115                   |
| 22     | Cape Breton                                     |                      |                           | 6                          | 180                       |                          |                           |
| 23     | Caracquet and Gulf Shore                        |                      |                           |                            |                           |                          |                           |
| 24     | Central Canada                                  |                      |                           |                            |                           |                          |                           |
| 25     | Central Vermont                                 | 40                   | 730                       | 21                         | 365                       |                          |                           |
| 26     | Crow's Nest Southern                            | 254                  | 9,580                     | 28                         | 1,050                     | 14                       | 360                       |
| 27     | Cumberland                                      | 1                    | 30                        | 30                         | 450                       |                          |                           |
| 28     | Dominion Atlantic                               | 256                  | 7,370                     | 161                        | 4,780                     | 6                        | 160                       |
| 29     | Eastern British Columbia                        | 8                    | 320                       | 9                          | 360                       |                          |                           |
| 30     | Edmonton, Dunvegan and British Columbia         | 98                   | 2,940                     | 103                        | 3,090                     | 10                       | 300                       |
| 31     | Essex Terminal                                  |                      |                           | 6                          | 240                       |                          |                           |
| 32     | Esquimalt and Nanaimo                           | 14                   | 280                       | 198                        | 6,967                     | 1                        | 20                        |
| 33     | Fredericton and Grand Lake Coal and Railway Co. |                      |                           |                            |                           |                          |                           |
| 34     | Grand Trunk                                     | 24,533               | 813,555                   | 2,754                      | 89,065                    | 1,569                    | 46,360                    |
| 35     | Grand Trunk Pacific                             | 11,676               | 350,280                   | 1,992                      | 59,560                    | 289                      | 8,670                     |
| 36     | Grand Trunk Pacific Branch Lines                |                      |                           |                            |                           |                          |                           |
| 37     | Hereford  | 60                   | 1,800                     | 10                         | 200                       |                          |                           |
| 38     | Kent Northern                                   | 1                    | 15                        | 1                          | 15                        |                          |                           |
| 39     | Kettle Valley                                   | 79                   | 2,370                     | 92                         | 3,680                     | 6                        | 180                       |
| 40     | Lotbinière and Megantic                         | 1                    | 30                        | 22                         | 660                       |                          |                           |
| 41     | Maine Central                                   | 25                   | 750                       | 10                         | 300                       |                          |                           |
| 42     | Manitoba Great Northern                         | 110                  | 4,150                     | 13                         | 480                       | 7                        | 200                       |
| 43     | Maritime Coal, Railway and Power Co.            |                      |                           | 2                          | 40                        |                          |                           |
| 44     | Massawippi Valley                               | 440                  | 8,750                     | 180                        | 3,350                     |                          |                           |
| 45     | Midland of Manitoba                             | 263                  | 10,030                    | 49                         | 1,775                     | 18                       | 440                       |
| 46     | Montreal and Atlantic                           | 204                  | 6,860                     | 190                        | 5,820                     | 36                       | 1,075                     |
| 47     | Morrissey, Fernie and Michel                    | 6                    | 240                       | 1                          | 20                        |                          |                           |
| 48     | Napierville Junction                            |                      |                           |                            |                           |                          |                           |
| 49     | Nelson and Fort Sheppard                        | 35                   | 1,320                     | 4                          | 150                       | 2                        | 50                        |
| 50     | New Brunswick Coal and Railway Co.              | 4                    | 80                        | 26                         | 520                       |                          |                           |
| 51     | New Westminster Southern                        | 101                  | 3,810                     | 11                         | 410                       | 6                        | 160                       |
| 52     | Ottawa and New York                             |                      |                           |                            |                           |                          |                           |
| 53     | Père Marquette                                  | 993                  | 33,893                    | 44                         | 1,350                     | 26                       | 780                       |
| 54     | Pacific Great Eastern                           | 49                   | 1,960                     | 137                        | 5,480                     | 35                       | 1,050                     |
| 55     | Quebec Central                                  | 249                  | 7,450                     | 513                        | 15,040                    | 59                       | 1,675                     |

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| Coal Cars<br>A charbon |   | Tank Cars<br>Réservoirs |   | Refrigerator Cars<br>Frigorifiques |   | Other Cars<br>Autres wagons |   | Total<br>Total   |   | Number<br>Nombre |
|------------------------|---|-------------------------|---|------------------------------------|---|-----------------------------|---|------------------|---|------------------|
| Number<br>Nombre       | Aggregate Capacity (Tons)<br>Capacité totale (tonnes) | Number<br>Nombre        | Aggregate Capacity (Tons)<br>Capacité totale (tonnes) | Number<br>Nombre                   | Aggregate Capacity (Tons)<br>Capacité totale (tonnes) | Number<br>Nombre            | Aggregate Capacity (Tons)<br>Capacité totale (tonnes) | Number<br>Nombre | Aggregate Capacity (Tons)<br>Capacité totale (tonnes) |                  |
| 257                    | 11,270  |                         |   |                                    |   | 360                         | 18,000  | 1,059            | 46,950  | 1                |
| 71                     | 3,530   |                         |   |                                    |   | 149                         | 7,450   | 340              | 15,780  | 2                |
|                        |   |                         |   | 6                                  | 20  |                             |   | 142              | 4,200   | 3                |
| 7                      | 350   |                         |   |                                    |   |                             |   | 35               | 1,190   | 4                |
| 3                      | 150   |                         |   | 8                                  | 240   | 15                          | 740   | 96               | 3,720   | 5                |
| 12                     | 240   |                         |   | 1                                  | 20  |                             |   | 192              | 3,796   | 6                |
|                        |   |                         |   |                                    |   |                             |   | 4                | 120   | 7                |
|                        |   | 6                       | 120   |                                    |   |                             |   | 1,580            | 58,920  | 8                |
|                        |   |                         |   |                                    |   |                             |   |                  |   | 9                |
| 1,098                  | 39,870  | 79                      | 2,370   | 251                                | 7,530   | 1,620                       | 48,600  | 20,781           | 691,290   | 10               |
| 10                     | 125   | 1                       | 15  | 3                                  | 45  |                             |   | 584              | 8,130   | 11               |
|                        |   |                         |   |                                    |   |                             |   | 40               | 1,200   | 12               |
|                        |   |                         |   |                                    |   |                             |   |                  |   | 13               |
| 295                    | 8,850   |                         |   | 99                                 | 3,960   |                             |   | 4,351            | 154,490   | 14               |
|                        |   |                         |   |                                    |   |                             |   | 1                | 20  | 15               |
|                        |   |                         |   |                                    |   |                             |   | 36               | 770   | 16               |
|                        |   |                         |   |                                    |   |                             |   |                  |   | 17               |
|                        |   |                         |   |                                    |   |                             |   |                  |   | 18               |
|                        |   |                         |   |                                    |   |                             |   |                  |   | 19               |
| 3,722                  | 160,610   |                         |   | 630                                | 18,890  | 140                         | 4,200   | 37,457           | 1,253,410   | 20               |
| 4,789                  | 228,830   | 209                     | 8,920   | 2,877                              | 86,770  | 2,132                       | 81,222  | 87,681           | 3,171,117   | 21               |
|                        |   |                         |   |                                    |   |                             |   | 6                | 180   | 22               |
|                        |   |                         |   |                                    |   |                             |   |                  |   | 23               |
|                        |   |                         |   |                                    |   |                             |   |                  |   | 24               |
| 4                      | 60  |                         |   |                                    |   |                             |   | 65               | 1,155   | 25               |
| 14                     | 690   |                         |   | 35                                 | 1,050   | 64                          | 3,140   | 409              | 15,870  | 26               |
| 175                    | 2,625   |                         |   |                                    |   |                             |   | 206              | 3,105   | 27               |
| 53                     | 1,440   |                         |   |                                    |   |                             |   | 476              | 13,750  | 28               |
|                        |   |                         |   |                                    |   |                             |   | 17               | 680   | 29               |
|                        |   |                         |   |                                    |   |                             |   |                  |   | 30               |
| 23                     | 690   |                         |   |                                    |   | 113                         | 4,520   | 347              | 11,540  | 30               |
| 50                     | 2,000   |                         |   |                                    |   |                             |   | 56               | 2,249   | 31               |
| 30                     | 1,300   |                         |   |                                    |   |                             |   | 243              | 8,567   | 32               |
|                        |   |                         |   |                                    |   |                             |   |                  |   | 33               |
| 4,867                  | 224,270   | 102                     | 2,243   | 1,154                              | 34,540  |                             |   | 34,979           | 1,210,033   | 34               |
|                        |   |                         |   | 242                                | 7,260   |                             |   | 14,199           | 425,770   | 35               |
|                        |   |                         |   |                                    |   |                             |   |                  |   | 36               |
|                        |   |                         |   |                                    |   |                             |   | 70               | 2,000   | 37               |
|                        |   |                         |   |                                    |   |                             |   | 2                | 30  | 38               |
| 64                     | 2,560   |                         |   | 4                                  | 200   | 1                           | 50  | 246              | 9,040   | 39               |
|                        |   |                         |   |                                    |   |                             |   | 23               | 690   | 40               |
|                        |   |                         |   |                                    |   |                             |   | 35               | 1,050   | 41               |
| 5                      | 250   |                         |   | 15                                 | 450   | 27                          | 1,330   | 177              | 6,860   | 42               |
|                        |   |                         |   |                                    |   |                             |   |                  |   | 43               |
| 2                      | 80  |                         |   |                                    |   | 4                           | 60  | 8                | 180   | 43               |
|                        |   |                         |   |                                    |   |                             |   | 620              | 12,100  | 44               |
| 33                     | 1,620   |                         |   | 40                                 | 1,250   | 43                          | 2,065   | 446              | 17,180  | 45               |
| 94                     | 3,760   |                         |   | 1                                  | 30  |                             |   | 525              | 17,545  | 46               |
| 47                     | 1,410   |                         |   |                                    |   | 2                           | 60  | 56               | 1,730   | 47               |
|                        |   |                         |   |                                    |   |                             |   |                  |   | 48               |
| 2                      | 100   |                         |   | 5                                  | 150   | 9                           | 440   | 57               | 2,210   | 49               |
|                        |   |                         |   |                                    |   |                             |   |                  |   | 50               |
|                        |   |                         |   |                                    |   |                             |   | 30               | 600   | 50               |
| 6                      | 290   |                         |   | 14                                 | 420   | 25                          | 1,230   | 163              | 6,320   | 51               |
|                        |   |                         |   |                                    |   |                             |   |                  |   | 52               |
| 332                    | 14,102  |                         |   | 1                                  | 30  |                             |   | 1,396            | 50,110  | 53               |
| 10                     | 500   | 10                      | 480   | 3                                  | 120   | 13                          | 650   | 257              | 10,240  | 54               |
| 16                     | 480   | 1                       | 20  | 8                                  | 230   | 38                          | 1,520   | 884              | 26,415  | 55               |

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TABLE 13—Summary of Cars in Freight Service

TABLEAU 13—Etat des wagons de marchandises

| Number<br>—<br>Numéro | Name of Railway<br>—<br>Nom du chemin de fer   | Box Cars<br>—<br>Fourgons |  | Flat Cars<br>—<br>Plates-formes |  | Stock Cars<br>—<br>A bestiaux |  |
|-----------------------|--|---------------------------|--|---------------------------------|--|-------------------------------|--|
|                       |  | Number<br>—<br>Nombre     | Aggregate<br>Capacity<br>(Tons)<br>—<br>Capacité<br>totale<br>(tonnes) | Number<br>—<br>Nombre           | Aggregate<br>Capacity<br>(Tons)<br>—<br>Capacité<br>totale<br>(tonnes) | Number<br>—<br>Nombre         | Aggregate<br>Capacity<br>(Tons)<br>—<br>Capacité<br>totale<br>(tonnes) |
|                       |  | 56                        | Quebec, Montreal and Southern.....                                     | 1,355                           | 40,650   | 35                            | 875  |
| 57                    | Quebec Oriental.....                           | 1                         | 30   |                                 |  |                               |  |
| 58                    | Quebec Railway, Light and Power<br>Co.....     | 31                        | 760  | 75                              | 1,500  | 1                             | 30   |
| 59                    | Red Mountain.....                              | 41                        | 1,550  | 5                               | 190  | 3                             | 70   |
| 60                    | Roberval-Saguenay.....                         | 9                         | 180  | 171                             | 5,595  |                               |  |
| 61                    | Rutland and Noyan.....                         | 50                        | 1,500  | 5                               | 200  | 2                             | 60   |
| 62                    | St. Lawrence and Adirondack.....               | 75                        | 2,250  | 30                              | 900  |                               |  |
| 63                    | Sydney and Louisburg.....                      | 16                        | 320  | 94                              | 2,980  | 12                            | 600  |
| 64                    | Temiscouata.....                               | 76                        | 1,970  | 48                              | 1,030  |                               |  |
| 65                    | Temiskaming and Northern Ontario.....          | 242                       | 9,230  | 339                             | 11,970   | 9                             | 270  |
| 66                    | Thousand Islands.....                          |                           |  | 2                               | 40   |                               |  |
| 67                    | Toronto, Hamilton and Buffalo.....             | 1,017                     | 40,450   | 109                             | 4,360  | 10                            | 300  |
| 68                    | Vancouver, Victoria and Eastern.....           | 1,268                     | 47,830   | 139                             | 5,215  | 72                            | 1,860  |
| 69                    | Victoria Terminal Railway and Ferry<br>Co..... |                           |  |                                 |  |                               |  |
| 70                    | Victoria and Sidney, B.C.....                  | 2                         | 40   | 15                              | 300  |                               |  |
| 71                    | Wabash (in Canada).....                        | 1,332                     | 48,090   | 69                              | 2,620  | 151                           | 5,940  |
|                       | Totals.....                                    | 154,044                   | 5,269,064  | 25,657                          | 852,047  | 11,023                        | 330,745  |

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| Coal Cars<br>A charbon |  | Tank Cars<br>Réservoirs |  | Refrigerator Cars<br>Frigorifiques |  | Other Cars<br>Autres wagons |  | Total<br>Total        |  | Number<br>—<br>Nombre |
|------------------------|--|-------------------------|--|------------------------------------|--|-----------------------------|--|-----------------------|--|-----------------------|
| Number<br>—<br>Nombre  | Aggregate<br>Capacity<br>(Tons)<br>—<br>Capacité<br>totale<br>(tonnes) | Number<br>—<br>Nombre   | Aggregate<br>Capacity<br>(Tons)<br>—<br>Capacité<br>totale<br>(tonnes) | Number<br>—<br>Nombre              | Aggregate<br>Capacity<br>(Tons)<br>—<br>Capacité<br>totale<br>(tonnes) | Number<br>—<br>Nombre       | Aggregate<br>Capacity<br>(Tons)<br>—<br>Capacité<br>totale<br>(tonnes) | Number<br>—<br>Nombre | Aggregate<br>Capacity<br>(Tons)<br>—<br>Capacité<br>totale<br>(tonnes) |                       |
|                        |  |                         |  | 10                                 | 300  |                             |  | 1,487                 | 44,435   | 56                    |
|                        |  |                         |  |                                    |  |                             |  | 1                     | 30   | 57                    |
| 13                     | 270  |                         |  |                                    |  | 17                          | 510  | 137                   | 3,070  | 58                    |
| 2                      | 100  |                         |  | 6                                  | 180  | 10                          | 490  | 67                    | 2,580  | 59                    |
|                        |  |                         |  |                                    |  |                             |  | 180                   | 5,775  | 60                    |
| 2                      | 80   |                         |  |                                    |  |                             |  | 59                    | 1,840  | 61                    |
|                        |  |                         |  |                                    |  |                             |  | 105                   | 3,150  | 62                    |
| 1,479                  | 30,310   | 6                       | 90   |                                    |  |                             |  | 1,607                 | 34,300   | 63                    |
|                        |  |                         |  |                                    |  | 5                           | 140  | 129                   | 3,140  | 64                    |
|                        |  |                         |  |                                    |  |                             |  | 590                   | 21,470   | 65                    |
|                        |  |                         |  |                                    |  | 1                           | 20   | 3                     | 60   | 66                    |
| 150                    | 7,500  |                         |  |                                    |  | 51                          | 2,040  | 1,337                 | 54,650   | 67                    |
| 71                     | 3,430  |                         |  | 178                                | 5,320  | 319                         | 15,660   | 2,047                 | 79,315   | 68                    |
|                        |  |                         |  |                                    |  |                             |  |                       |  | 69                    |
|                        |  |                         |  |                                    |  |                             |  | 17                    | 340  | 70                    |
| 100                    | 4,600  |                         |  |                                    |  |                             |  | 1,652                 | 61,250   | 71                    |
| 17,908                 | 758,342  | 414                     | 14,258   | 5,591                              | 169,105  | 5,158                       | 194,137  | 219,795               | 7,587,698  |                       |





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| Cars in Company's service<br>Wagons, service de la compagnie |        |           |         |       |                     |                      |        | Total cars in service<br>Total des wagons en service | Locomotives                 |                        |                         |                       |       |                 |  | Number—<br>Numéro |
|--|--------|-----------|---------|-------|---------------------|----------------------|--------|--|-----------------------------|------------------------|-------------------------|-----------------------|-------|-----------------|--|-------------------|
| Officers' and pay<br>Wagons de payeurs                       | Gravel | A gravier | Derrick | Grue  | Caboose<br>Cabanose | Other road<br>Autres | Total  |  | Cars leased<br>Wagons loués | Passenger<br>Voyageurs | Freight<br>Marchandises | Switching<br>Manœuvre | Total | Leased<br>Loués |  |                   |
| 3  |        |           | 6       | 17    | 44                  | 70                   | 1,143  |  | 5                           | 19                     | 2                       | 26                    |       | 1               |  |                   |
|  |        |           | 1       | 8     | 8                   | 17                   | 362    |  | 1                           | 9                      |                         | 10                    |       | 2               |  |                   |
| 1  |        |           |         |       | 2                   | 3                    | 151    |  |                             | 3                      |                         | 3                     |       | 3               |  |                   |
| 1  | 17     |           |         | 3     | 2                   | 23                   | 69     |  | 3                           | 4                      |                         | 7                     |       | 4               |  |                   |
|  |        |           |         |       | 1                   | 6                    | 106    |  | 2                           | 1                      |                         | 3                     |       | 5               |  |                   |
| 1  |        | 1         |         | 8     | 6                   | 16                   | 224    |  |                             | *11                    |                         | 11                    |       | 6               |  |                   |
|  |        |           |         | 1     | 1                   | 1                    | 12     |  | 2                           | 2                      |                         | 4                     |       | 7               |  |                   |
| 1  |        | 3         | 65      | 95    | 164                 | 1,805                | 1,805  |  | 58                          | 95                     | 35                      | 188                   |       | 8               |  |                   |
| 5  | 322    | 8         | 234     | 446   | 1,015               | 22,388               | 22,388 |  | 174                         | 390                    | 54                      | 618                   |       | 9               |  |                   |
| 1  | 15     |           | 3       | 19    | 38                  | 669                  | 669    |  | 6                           | 14                     | 6                       | 26                    |       | 10              |  |                   |
| 1  |        |           |         | 1     | 3                   | 5                    | 51     |  |                             | 3                      |                         | 3                     |       | 11              |  |                   |
| 5  | 209    |           | 118     | 82    | 414                 | 4,884                | 4,884  |  | 20                          | 98                     | 7                       | 125                   |       | 12              |  |                   |
|  |        |           |         | 4     | 4                   | 44                   | 2      |  | 2                           | 1                      |                         | 3                     |       | 13              |  |                   |
|  |        |           |         |       |                     | 1                    | 2      |  | 2                           |                        |                         | 2                     |       | 14              |  |                   |
|  |        |           |         |       |                     | 1                    | 2      |  | 2                           |                        |                         | 2                     |       | 15              |  |                   |
|  |        |           |         |       |                     | 1                    | 1      |  | 1                           |                        |                         | 1                     |       | 16              |  |                   |
| 26   | 60     | 89        | 438     | 1,626 | 2,239               | 40,778               | 40,778 |  | ‡ 214                       | 522                    | 114                     | 850                   |       | 17              |  |                   |
| 59   | 2,440  | 87        | 1,324   | 3,863 | 7,773               | 98,176               | 98,176 |  | ‡ 557                       | 1,316                  | 382                     | 2,255                 |       | 18              |  |                   |
|  |        |           |         |       |                     | 10                   | 10     |  |                             | 2                      |                         | 2                     |       | 19              |  |                   |
|  |        |           |         |       |                     | 3                    | 88     |  |                             |                        |                         | 8                     |       | 20              |  |                   |
|  |        | 1         | 2       | 11    | 14                  | 421                  | 421    |  | 3                           | 5                      |                         | 3                     |       | 21              |  |                   |
|  |        |           | 2       | 8     | 10                  | 229                  | 229    |  | 1                           | 2                      |                         | 3                     |       | 22              |  |                   |
|  | 12     | 1         | 2       | 4     | 19                  | 500                  | 500    | § 237  | 3                           | 2                      | 1                       | 6                     |       | 23              |  |                   |
| 1  | 8      | 1         | 9       | 40    | 59                  | 21                   | 21     |  | 10                          | 18                     | 1                       | 29                    |       | 24              |  |                   |
|  |        |           | 1       | 1     | 1                   | 387                  | 387    |  | 2                           | 2                      |                         | 2                     |       | 25              |  |                   |
| 1  |        | 1         | 10      | 13    | 25                  | 56                   | 56     |  |                             | 21                     | 1                       | 22                    | **    | 26              |  |                   |
|  |        |           |         |       |                     | 337                  | 337    |  | 6                           | 15                     | 3                       | 24                    | **    | 27              |  |                   |
|  |        |           |         |       |                     | 3                    | 3      | **   | 3                           | 1                      | 2                       | 3                     |       | 28              |  |                   |
| 29   | 620    | 37        | 646     | 1,554 | 2,886               | 38,813               | 38,813 |  | 229                         | 605                    | 151                     | 985                   |       | 29              |  |                   |
| 11   | 1,032  | 8         | 138     | 393   | 1,582               | 16,125               | 16,125 |  | 111                         | 154                    | 18                      | 283                   | **    | 30              |  |                   |
|  |        |           |         |       |                     | 2                    | 2      |  |                             |                        |                         | 2                     |       | 31              |  |                   |
|  |        |           |         |       |                     | 75                   | 75     |  | 1                           | 2                      |                         | 3                     |       | 32              |  |                   |
|  |        |           |         |       |                     | 4                    | 4      |  |                             | 2                      |                         | 2                     |       | 33              |  |                   |
| 2  |        |           | 6       | 2     | 8                   | 273                  | 273    | **105  | 5                           | 14                     | 1                       | 20                    | **    | 34              |  |                   |
|  |        |           | 1       | 2     | 3                   | 30                   | 30     |  |                             | 4                      |                         | 4                     |       | 35              |  |                   |
|  |        |           |         |       |                     | 39                   | 39     |  | 1                           | 2                      |                         | 3                     |       | 36              |  |                   |

\*Mixed—Mixtes.

†Includes 301 Snow Plows and Flanger—Y compris 301 charrues à neige.

‡Included in total cars in service—Compris dans le total des wagons en service.

§Includes 14 Electric Locomotives—Comprend 14 locomotives électriques.

\*\*Included in total—Compris dans le total.

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TABLE 14—Summary of Equipment for the  
TABLEAU 14—Relevé du matériel roulant pour

| Number—Numéro | Name of Railway<br>Nom du chemin de fer       | Cars in passenger service<br>Wagons, service des voyageurs |                                |             |                 |           |        |            |        |       |          |  |                               |                                      |   |
|---------------|---|--|--------------------------------|-------------|-----------------|-----------|--------|------------|--------|-------|----------|--|-------------------------------|--------------------------------------|---|
|               |   | First-class<br>Première classe                             | Second-class<br>Seconde classe | Combination | Voitures mixtes | Immigrant | Dining | Restaurant | Parlor | Salon | Sleeping | Wagons-lits<br>Baggage, express,<br>and postal | Bagages, messages<br>et poste | Other cars in passen-<br>ger service | Autres wagons, ser-<br>vice des voyageurs |
| 42            | Manitoba Great Northern                       | 3  |                                |             | 1               |           |        |            |        |       |          | 1  |                               |                                      | 5   |
| 43            | Maritime Coal, Railway<br>and Power Co.       |  |                                |             | 1               |           |        |            |        |       |          |  |                               | 1                                    | 3   |
| 44            | Massawippi Valley                             | 9  |                                |             |                 |           |        |            |        |       |          | 6  |                               |                                      | 15  |
| 45            | Midland of Manitoba                           | 4  |                                |             |                 |           |        |            |        |       |          | 12   |                               |                                      | 6   |
| 46            | Montreal and Atlantic                         |  | 5                              |             | 11              |           |        |            | 2      |       |          | 4  |                               |                                      | 23  |
| 47            | Morrissey, Fernie and Mi-<br>chel             |  | 6                              |             |                 |           |        |            |        |       |          |  |                               |                                      | 6   |
| 48            | Napierville Junction                          | 1  |                                |             |                 |           |        |            |        |       |          |  |                               |                                      | 1   |
| 49            | Nelson and Fort Sheppard                      | 1  |                                |             | 1               |           |        |            |        |       |          |  |                               |                                      | 2   |
| 50            | New Brunswick Coal and<br>Railway Co.         |  |                                |             | 1               |           |        |            |        |       |          |  |                               |                                      | 1   |
| 51            | New Westminster Southern                      | 2  |                                |             | 2               |           |        |            |        |       |          | 1  |                               |                                      | 5   |
| 52            | Ottawa and New York                           |  | 6                              |             |                 |           |        |            |        |       |          | 4  |                               |                                      | 10  |
| 53            | Père Marquette                                | 15   | 3                              |             |                 |           |        |            |        |       |          | 11   |                               |                                      | 29  |
| 54            | Pacific Great Eastern                         | 3  | 8                              |             | 1               |           |        |            |        |       |          | 2  |                               |                                      | 14  |
| 55            | Quebec Central                                | 12   | 12                             |             | 4               |           |        | 2          | 1      |       |          | 13   |                               |                                      | 44  |
| 56            | Quebec, Montreal and<br>Southern              | 12   |                                |             | 5               |           |        |            |        |       |          | 2  |                               |                                      | 19  |
| 57            | Quebec Oriental                               |  | 3                              |             |                 |           |        |            |        |       |          | 2  |                               |                                      | 5   |
| 58            | Quebec Railway, Light and<br>Power Co.        | 4  | 2                              |             | 3               |           |        |            |        |       |          | 1  |                               | 11                                   | 21  |
| 59            | Red Mountain                                  | 1  |                                |             |                 |           |        |            |        |       |          | 1  |                               |                                      | 2   |
| 60            | Roberval-Saguenay                             | 1  | 3                              |             | 1               |           |        |            |        |       |          | 1  |                               |                                      | 6   |
| 61            | Rutland and Noyan                             |  |                                |             |                 |           |        |            |        |       |          |  |                               |                                      |   |
| 62            | St. Lawrence and Adiron-<br>dack              | 4  | 2                              |             | 1               |           |        |            |        |       |          |  |                               |                                      | 7   |
| 63            | Sydney and Louisburg                          | 5  | 2                              |             | 3               |           |        |            |        |       |          |  |                               |                                      | 10  |
| 64            | Temiscouata                                   | 4  |                                |             | 1               |           |        |            |        |       |          | 3  |                               |                                      | 8   |
| 65            | Temiskaming and North-<br>ern Ontario         | 19   | 18                             |             | 3               |           |        |            | 3      |       |          | 17   |                               |                                      | 60  |
| 66            | Thousand Islands                              |  |                                |             | 2               |           |        |            |        |       |          |  |                               |                                      | 2   |
| 67            | Toronto, Hamilton and<br>Buffalo              | 11   | 1                              |             | 4               |           |        |            |        |       |          | 1  |                               |                                      | 17  |
| 68            | Vancouver, Victoria and<br>Eastern            | 32   |                                |             | 2               |           |        |            |        |       |          | 15   |                               |                                      | 49  |
| 69            | Vancouver Terminal Rail-<br>way and Ferry Co. |  |                                |             |                 |           |        |            |        |       |          |  |                               |                                      |   |
| 70            | Victoria and Sidney, B.C.                     | 1  |                                |             | 1               |           |        |            |        |       |          |  |                               |                                      | 2   |
| 71            | Wabash (in Canada)                            | 2  |                                |             | 4               |           |        |            |        |       |          |  |                               |                                      | 6   |
|               | Total   | 2,209  | 592                            | 382         | 671             | 204       | 162    | 548        | 1,584  |       | 1,584    | 186  |                               | 6,538                                |   |

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Year ending December 31, 1919—Concluded

l'année terminée le 31 décembre 1919—fin

| Cars in Company's service<br>Wagons, service de la compagnie |                     |                    |                 |                      |                      |       | Total cars in service<br>Total des wagons en service | Cars leased<br>Wagons loués | Locomotives            |                         |                       |       |                 |  | Number—<br>Numéro |
|--|---------------------|--------------------|-----------------|----------------------|----------------------|-------|--|-----------------------------|------------------------|-------------------------|-----------------------|-------|-----------------|--|-------------------|
| Officers' and pay<br>Wagons de payeurs                       | Gravel<br>A gravier | Derrick<br>Derrick | Cruc<br>Caboose | Cambruse<br>Cambruse | Other road<br>Autres | Total |  |                             | Passenger<br>Voyageurs | Freight<br>Marchandises | Switching<br>Manœuvre | Total | Leased<br>Loués |  |                   |
|  |                     |                    |                 | 2                    | 1                    | 3     | 185  | 1                           | 2                      | 3                       |                       |       | 42              |  |                   |
|  |                     |                    |                 |                      |                      |       | 11   |                             | 3                      | 3                       |                       |       | 43              |  |                   |
|  |                     |                    |                 | 5                    | 5                    | 10    | 645  | 3                           | 7                      | 13                      |                       |       | 44              |  |                   |
|  |                     |                    |                 | 1                    |                      | 1     | 453  |                             |                        | 2                       |                       |       | 45              |  |                   |
|  |                     |                    |                 | 12                   | 95                   | 107   | 655  | 8                           | 3                      | 12                      |                       |       | 46              |  |                   |
|  |                     |                    |                 |                      | 1                    | 1     | 64   |                             | 5                      | 6                       | †                     |       | 47              |  |                   |
|  |                     |                    |                 |                      |                      |       | 1  |                             | 1                      | 1                       |                       |       | 48              |  |                   |
|  |                     |                    |                 | 1                    | 6                    | 7     | 66   | 2                           | 1                      | 3                       |                       |       | 49              |  |                   |
|  |                     |                    |                 |                      |                      |       | 31   |                             |                        | 2                       |                       |       | 50              |  |                   |
|  |                     |                    |                 |                      |                      |       | 168  |                             |                        | 1                       |                       |       | 51              |  |                   |
|  |                     |                    |                 | 9                    | 1                    | 3     | 13   | † 13                        | 4                      | 17                      | *                     | 17    | 52              |  |                   |
|  | 2                   | 45                 | 1               | 14                   | 13                   | 28    | 1,453  | 7                           | 37                     | 45                      | *                     | 9     | 53              |  |                   |
|  | 2                   | 38                 | 2               | 4                    | 12                   | 65    | 336  |                             | 10                     | 10                      |                       |       | 54              |  |                   |
|  |                     |                    |                 | 20                   |                      | 62    | 990  | 14                          | 29                     | 43                      |                       |       | 55              |  |                   |
|  |                     |                    | 1               | 5                    | 18                   | 24    | 1,530  | 3                           | 11                     | 14                      |                       |       | 56              |  |                   |
|  |                     |                    |                 | 3                    |                      | 3     | 9  | 3                           | 4                      | 7                       |                       |       | 57              |  |                   |
|  |                     |                    |                 | 1                    | 2                    | 3     | 161  |                             | 7                      | 7                       |                       |       | 58              |  |                   |
|  |                     |                    |                 | 1                    |                      | 1     | 70   |                             | 1                      | 1                       |                       |       | 59              |  |                   |
|  |                     | 6                  |                 |                      |                      | 6     | 192  | 1                           | 3                      | 8                       | **                    | 4     | 60              |  |                   |
|  |                     |                    |                 | 1                    |                      | 1     | 60   |                             | 1                      | 1                       |                       |       | 61              |  |                   |
|  |                     |                    | 1               | 3                    | 1                    | 5     | 117  | 8                           | 13                     | 21                      |                       |       | 62              |  |                   |
|  | 1                   | 14                 | 1               | 8                    | 4                    | 28    | 1,645  | 2                           | 16                     | 31                      |                       |       | 63              |  |                   |
|  | 1                   |                    |                 | 4                    | 6                    | 11    | 148  | 3                           | 5                      | 8                       |                       |       | 64              |  |                   |
|  | 4                   |                    |                 | 26                   | 169                  | 199   | 849  | 14                          | 31                     | 49                      |                       |       | 65              |  |                   |
|  |                     |                    |                 |                      | 1                    | 1     | 6  |                             | 2                      | 2                       | *                     | 1     | 66              |  |                   |
|  | 1                   | 56                 | 1               | 15                   | 50                   | 123   | 1,477  | 7                           | 14                     | 35                      |                       |       | 67              |  |                   |
|  |                     |                    |                 | 6                    | 99                   | 105   | 2,201  | 4                           | 6                      | 14                      |                       |       | 68              |  |                   |
|  |                     |                    |                 |                      |                      |       |  |                             |                        |                         |                       |       | 69              |  |                   |
|  |                     |                    |                 | 1                    |                      | 1     | 20   |                             | 2                      | 2                       |                       |       | 70              |  |                   |
|  |                     |                    |                 | 37                   | 3                    | 40    | 1,698  | 10                          | 38                     | 48                      |                       |       | 71              |  |                   |
| 159  | 4,922               | 254                | 3,225           | 8,733                | 17,293               |       | 243,626  | † 358                       | 1,515                  | 3,607                   | 825                   | 5,947 | 101             |  |                   |

\*Included in total—Compris dans le total.

†Included in total cars in service—Compris dans le total des wagons en service.

\*\*Includes three electric—Comprend trois locomotives électriques.

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## ELECTRIC RAILWAYS—

TABLE 1—Summary of Road Mileage, Passengers and  
TABLEAU 1—Longueur des voies, milles parcourus et

| No.<br>—<br>No | Name of Railway<br>—<br>Nom du tramway                                  | Track Mileage<br>—<br>Voies   |   |   |   | Total<br>Computed<br>as<br>Single<br>Track<br>—<br>Total<br>calculé<br>comme<br>voie<br>simple |
|----------------|---|---|---|---|---|--|
|                |   | Length of<br>Road<br>First<br>Main<br>Track<br>—<br>Longueur<br>de la<br>première<br>voie<br>principale | Length of<br>Road<br>Second<br>Main<br>Track<br>—<br>Longueur<br>de la<br>seconde<br>voie<br>principale | Total<br>Main<br>Track<br>—<br>Longueur<br>totale<br>de la voie<br>principale | Length of<br>Sidings<br>and<br>Turnouts<br>—<br>Longueur<br>des voies<br>de<br>déviation<br>et de<br>garage |  |
| 1              | Brandon Municipal.....  | 10-31   |   | 10-31   |   | 10-31  |
| 2              | Brantford and Hamilton.....   | 23-19   |   | 23-19   | 0-30  | 23-49  |
| 2              | Brantford Municipal.....  | 18-39   | 2-04  | 20-43   |   | 20-43  |
| 4              | British Columbia.....   | 245-25  | 71-89   | 317-14  | 50-68   | 367-82   |
| 5              | Calais Street.....  | 4-00  | 3-00  | 7-00  |   | 7-00   |
| 6              | Calgary Municipal.....  | 65-50   | 15-50   | 81-00   | 1-00  | 82-00  |
| 7              | Canadian Resources Development Co....                                   | 1-75  |   | 1-75  | 0-16  | 1-91   |
| 8              | Cape Breton.....  | 30-59   |   | 30-59   | 1-29  | 31-88  |
| 9              | Chatham, Wallaceburg and Lake Erie.....                                 | 38-05   |   | 38-05   | 3-66  | 41-71  |
| 10             | Cornwall St. Rly., Light and Power Co.....                              | 4-00  |   | 4-00  | 2-50  | 6-50   |
| 11             | Edmonton Radial.....  | 31-31   | 21-27   | 52-58   | 1-54  | 54-12  |
| 12             | Fort William.....   | 19-88   | 9-56  | 29-44   | 0-94  | 30-38  |
| 13             | Grand River.....  | 18-55   | 2-90  | 21-45   | 3-91  | 25-36  |
| 14             | Guelph Radial.....  | 8-70  |   | 8-70  |   | 8-70   |
| 15             | Hamilton and Dundas Street.....   | 6-98  | 0-20  | 7-18  | 1-60  | 8-78   |
| 16             | Hamilton, Grimsby and Beamsville.....                                   | 22-60   |   | 22-60   | 3-60  | 26-20  |
| 17             | Hamilton Radial.....  | 22-86   | 8-69  | 31-55   | 0-20  | 31-75  |
| 18             | Hamilton Street.....  | 17-40   | 16-30   | 33-70   |   | 33-70  |
| 19             | Hull Electric Co.....   | 16-23   | 12-15   | 28-38   | 3-90  | 32-28  |
| 20             | International Transit Co.....   | 4-30  |   | 4-30  | 0-22  | 4-52   |
| 21             | Kingston, Portsmouth and Cataract.....                                  | 6-00  | 1-00  | 7-00  |   | 7-00   |
| 22             | Kitchener and Waterloo Street.....                                      | 3-28  | 1-40  | 4-68  | 0-38  | 5-06   |
| 23             | Lake Erie and Northern.....   | 51-00   |   | 51-00   | 4-50  | 55-50  |
| 24             | Lethbridge Municipal.....   | 7-00  | 4-00  | 11-00   | 0-13  | 11-13  |
| 25             | Levis County.....   | 11-75   |   | 11-75   |   | 11-75  |
| 26             | London and Port Stanley.....  | 24-50   |   | 24-50   | 19-80   | 44-30  |
| 27             | London Street.....  | 27-48   | 7-64  | 35-12   | 0-98  | 36-10  |
| 28             | Moncton Tramways, Electricity and<br>Gas Co.....                        | 2-72  |   | 2-72  | 0-01  | 2-73   |
| 29             | Montreal Tramways.....  | 140-00  | 91-12   | 231-12  | 33-48   | 264-60   |
| 30             | Montreal and Southern Counties.....                                     | 52-07   |   | 52-07   | 6-69  | 58-76  |
| 31             | Moose Jaw.....  | 9-00  | 1-50  | 10-50   | 1-50  | 12-00  |
| 32             | New Brunswick Power Co.....   | 14-00   | 11-00   | 25-00   | 0-10  | 25-10  |
| 33             | Niagara Falls Park and River, division<br>of the International Rly..... | 11-91   | 11-20   | 23-11   | 1-37  | 24-48  |
| 34             | Niagara, St. Catharines and Toronto.....                                | 61-60   |   | 61-60   | 20-03   | 81-63  |
| 35             | Niagara, Welland and Lake Erie.....                                     | 1-87  |   | 1-87  | 0-30  | 2-17   |
| 36             | Nipissing Central.....  | 15-37   |   | 15-37   | 4-86  | 20-23  |
| 37             | Nova Scotia Tramways and Power Co.....                                  | 12-62   | 8-31  | 20-93   | 1-21  | 22-14  |
| 38             | Nelson Municipal.....   | 2-13  | 1-25  | 3-38  | 0-05  | 3-43   |
| 39             | Oshawa.....   | 9-00  | 3-00  | 12-00   | 1-00  | 13-00  |
| 40             | Ottawa.....   | 26-81   | 26-01   | 52-82   |   | 52-82  |
| 41             | Peterborough Radial.....  | 7-64  |   | 7-64  | 0-79  | 8-43   |
| 42             | Pictou County Elec. Co.....   | 9-10  |   | 9-10  | 1-10  | 10-20  |
| 43             | Port Arthur Civic.....  | 12-43   | 6-10  | 18-53   | 1-04  | 19-57  |
| 44             | Quebec Rly., Light and Power (Citadel)                                  | 17-35   | 5-38  | 22-73   |   | 22-73  |
| 45             | Quebec Rly., Light and Power (Mont-<br>morency).....                    | 27-50   | 9-50  | 37-00   | 10-40   | 47-40  |
| 46             | Regina Municipal.....   | 25-34   | 6-78  | 32-12   | 2-15  | 34-27  |
| 47             | Sandwich, Windsor and Amherstburg.....                                  | 35-11   | 6-96  | 42-07   | 3-16  | 45-23  |
| 48             | Sarnia Street.....  | 8-25  |   | 8-25  | 1-00  | 9-25   |
| 49             | Saskatoon Municipal.....  | 12-63   | 3-53  | 16-16   | 0-23  | 16-39  |

SESSIONAL PAPER No. 20b

## TRAMWAYS ÉLECTRIQUES

Freight carried for the year ending December 31, 1919

voyageurs transportés pendant l'exercice terminée le 31 décembre 1919

| Length of Track Leased<br>—<br>Longueur des voies louées | Car Mileage<br>—<br>Milles parcourus                                 |   |  | Passenger Traffic<br>—<br>Voyageurs transportés               |   |  | Freight Traffic<br>—<br>Marchandises transportées                                       | No.<br>—<br>N <sup>o</sup> |
|--|--|---|--|---|---|--|---|----------------------------|
|  | Passenger Car Mileage<br>—<br>Milles parcourus, voitures à voyageurs | Freight, Mail and Express Car Mileage<br>—<br>Milles parcourus, marchandises, postes et messageries | Total Car Mileage<br>—<br>Total du parcours par les voitures | Fare Passengers Carried<br>—<br>Voyageurs sans correspondance | Transfer Passengers Carried<br>—<br>Voyageurs avec correspondance | Total Passengers Carried<br>—<br>Total des voyageurs | Number of Tons of Freight Carried<br>—<br>Nombre de tonnes de marchandises transportées |                            |
|  | 234,052  |   | 234,052  | 743,668   | 31,000  | 774,668  |   | 1                          |
|  | 327,596  | 33,374  | 360,970  | 836,099   |   | 836,099  | 6,875   | 2                          |
|  | 423,403  |   | 423,403  | 2,339,916   | 334,273   | 2,674,189  |   | 3                          |
| 150-67   | 11,637,135   | 1,375,634   | 13,012,769   | 60,692,708  | 8,962,282   | 69,654,990   | 578,194   | 4                          |
|  | 183,960  |   | 183,960  | 677,189   | 105,439   | 782,628  |   | 5                          |
|  | 2,993,714  | 19,624  | 3,013,338  | 16,261,845  | 4,745,000   | 21,006,845   | 3,373   | 6                          |
|  | 6,388  |   | 6,388  | 992   |   | 992  |   | 7                          |
| 19-03  | 740,702  | 19,435  | 760,137  | 5,332,064   | 73,515  | 5,405,579  |   | 8                          |
|  | 156,000  | 180,000   | 336,000  | 140,000   |   | 140,000  | 140,000   | 9                          |
|  | 196,840  | 20,484  | 217,324  | 550,663   |   | 550,663  | 92,861  | 10                         |
|  | 2,085,267  | 23,557  | 2,108,824  | 10,733,497  | 1,045,969   | 11,779,466   | 150   | 11                         |
|  | 702,531  |   | 702,531  | 3,675,252   |   | 3,675,252  |   | 12                         |
|  | 261,416  | 90,434  | 351,850  | 1,495,818   |   | 1,495,818  | 139,898   | 13                         |
|  | 235,975  | 60,000  | 295,975  | 1,246,139   | 163,512   | 1,409,651  | 16,519  | 14                         |
|  | 163,400  |   | 163,400  | 1,088,927   |   | 1,088,927  | 38  | 15                         |
|  | 357,305  | 31,250  | 388,555  | 881,235   |   | 881,235  | 52,604  | 16                         |
|  | 381,009  | 10,370  | 391,379  | 1,361,449   |   | 1,361,449  | 30,959  | 17                         |
|  | 2,578,834  |   | 2,578,834  | 21,577,794  | 4,532,641   | 26,110,435   |   | 18                         |
|  | 811,254  | 38,072  | 849,326  | 3,728,559   | 20,237  | 3,767,796  | 12,560  | 19                         |
|  | 260,584  |   | 260,584  | 2,064,048   |   | 2,064,048  |   | 20                         |
|  | 199,680  |   | 199,680  | 1,364,169   | 193,996   | 1,558,165  |   | 21                         |
|  | 204,811  |   | 204,811  | 1,825,886   | 14,845  | 1,840,731  |   | 22                         |
|  | 296,718  | 31,055  | 327,773  | 533,309   |   | 533,309  | 78,020  | 23                         |
|  | 250,057  |   | 250,057  | 1,088,658   | 31,824  | 1,120,482  |   | 24                         |
|  | 496,669  | 10,500  | 507,169  | 2,034,776   | 356,491   | 2,391,267  | 3,000   | 25                         |
|  | 553,422  | 240,335   | 793,757  | 1,024,739   |   | 1,024,739  | 316,506   | 26                         |
|  | 1,918,207  |   | 1,918,207  | 13,689,732  | 1,437,677   | 15,127,409   |   | 27                         |
|  | 84,394   |   | 84,394   | 482,251   |   | 482,251  |   | 28                         |
|  | 22,757,313   | 179,818   | 22,937,131   | 190,524,002   | 67,239,991  | 257,763,993  | 303,807   | 29                         |
| 27-83  | 922,817  | 138,921   | 1,061,738  | 2,608,490   | 165,853   | 2,774,343  | 5,599   | 30                         |
|  | 410,694  |   | 410,694  | 2,431,097   |   | 2,431,097  |   | 31                         |
|  | 1,112,500  | 79  | 1,112,579  | 6,561,384   | 1,810,477   | 8,371,861  | 140   | 32                         |
|  | 318,544  |   | 318,544  | 1,678,225   |   | 1,678,225  |   | 33                         |
|  | 1,347,385  | 112,197   | 1,459,582  | 6,902,232   | 188,189   | 7,090,421  | 371,709   | 34                         |
|  | 90,383   |   | 90,383   | 630,722   |   | 630,722  |   | 35                         |
| 13-20  | 289,938  |   | 289,938  | 1,253,599   |   | 1,253,599  |   | 36                         |
|  | 1,566,454  |   | 1,566,454  | 12,290,560  | 1,056,966   | 13,347,526   |   | 37                         |
|  | 58,200   |   | 58,200   | 377,565   |   | 377,565  |   | 38                         |
|  | 75,424   | 35,853  | 111,277  | 466,710   |   | 466,710  | 239,117   | 39                         |
|  | 4,828,407  |   | 4,828,407  | 32,285,836  | 10,761,945  | 43,047,781   |   | 40                         |
|  | 456,738  |   | 456,738  | 1,673,645   | 421,924   | 2,095,569  |   | 41                         |
|  | 204,027  | 5,513   | 209,540  | 1,684,944   |   | 1,684,944  |   | 42                         |
|  | 680,045  |   | 680,045  | 3,944,269   | 288,486   | 4,232,755  |   | 43                         |
|  | 2,239,486  |   | 2,239,486  | 14,454,279  | 4,119,331   | 18,573,610   |   | 44                         |
|  | 482,574  |   | 482,574  | 2,176,492   |   | 2,176,492  |   | 45                         |
|  | 965,273  | 9,497   | 974,770  | 6,228,254   | 714,870   | 6,943,124  | 35,136  | 46                         |
| 10-27  | 1,003,777  |   | 1,003,777  | 7,542,226   | 1,006,346   | 8,548,572  |   | 47                         |
|  | 204,244  | 4,952   | 209,196  | 1,343,672   | 79,561  | 1,423,233  | 9,029   | 48                         |
|  | 784,818  |   | 784,818  | 4,978,250   | 774,369   | 5,752,619  | 32,014  | 49                         |

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TABLE 1—Summary of Road Mileage, Passengers and  
TABLEAU 1—Longueur des voies, milles parcourus et

| No.<br>N <sup>o</sup> | Name of Railway<br>—<br>Nom du tramway             | Track Mileage<br>—<br>Voies   |   |   |   | Total<br>Computed<br>as<br>Single<br>Track<br>—<br>Total<br>calculé<br>comme<br>voie<br>simple |
|-----------------------|--|---|---|---|---|--|
|                       |  | Length of<br>Road<br>First<br>Main<br>Track<br>—<br>Longueur<br>de la<br>première<br>voie<br>principale | Length of<br>Road<br>Second<br>Main<br>Track<br>—<br>Longueur<br>de la<br>seconde<br>voie<br>principale | Total<br>Main<br>Track<br>—<br>Longueur<br>totale<br>de la voie<br>principale | Length<br>of<br>Sidings<br>and<br>Turnouts<br>—<br>Longueur<br>des voies<br>de<br>déviations<br>et de<br>garage |  |
| 50                    | Schomberg and Aurora.....                          | 14.40   |   | 14.40   |   | 14.40  |
| 51                    | Shawinigan Falls Terminal.....                     | 3.75  |   | 3.75  |   | 3.75   |
| 52                    | Sherbrooke Rly. and Power Co.....                  | 9.00  |   | 9.00  | 0.53  | 9.53   |
| 53                    | St. Thomas Municipal.....                          | 6.25  |   | 6.25  | 0.25  | 6.50   |
| 54                    | Sudbry, Copper Cliff Suburban.....                 | 7.90  |   | 7.90  |   | 7.90   |
| 55                    | Suburban Rapid Transit Co.....                     | 17.26   | 3.67  | 20.93   | 0.32  | 21.25  |
| 56                    | Three Rivers Traction Co.....                      | 7.10  |   | 7.10  | 0.50  | 7.60   |
| 57                    | Toronto.....                                       | 61.77   | 59.44   | 121.21  | 8.35  | 129.56   |
| 58                    | Toronto Civic.....                                 | 10.26   | 9.76  | 20.02   | 1.60  | 21.62  |
| 59                    | Toronto Suburban.....                              | 65.37   |   | 65.37   | 4.70  | 70.07  |
| 60                    | Toronto and York Radial.....                       | 72.17   |   | 72.17   | 9.83  | 82.00  |
| 61                    | Waterloo, Wellington Rly. Co.....                  | 3.80  |   | 3.80  |   | 3.80   |
| 62                    | Windsor Essex and Lake Shore Rapid<br>Rly. Co..... | 36.17   | 1.13  | 37.30   | 1.85  | 39.15  |
| 63                    | Winnipeg.....                                      | 64.80   | 39.90   | 104.70  | 7.43  | 112.13   |
| 64                    | Winnipeg, Selkirk and Lake Winnipeg...<br>.....    | 38.48   | 1.55  | 40.03   | 1.04  | 41.07  |
| 65                    | Woodstock, Thames Valley and Ingersoll.....        | 10.00   |   | 10.00   |   | 10.00  |
| 66                    | Yarmouth Light and Power Co.....                   | 3.00  |   | 3.00  |   | 3.00   |
|                       | Totals.....  | 1,686.78  | 484.63  | 2,171.41  | 228.16  | 2,399.57   |

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Freight carried for the year ending December 31, 1919—Concluded

voyageurs transportés pendant l'exercice terminée le 31 décembre 1919—fin

| Length of Track Leased<br>—<br>Longueur des voies louées | Car Mileage<br>—<br>Milles parcourus                                 |   |  | Passenger Traffic<br>—<br>Voyageurs transportés               |   |  | Freight Traffic<br>—<br>Marchandises transportées                                       | No.<br>—<br>N <sup>o</sup> |
|--|--|---|--|---|---|--|---|----------------------------|
|  | Passenger Car Mileage<br>—<br>Milles parcourus, voitures à voyageurs | Freight, Mail and Express Car Mileage<br>—<br>Milles parcourus, marchandises, postes et messageries | Total Car Mileage<br>—<br>Total du parcours par les voitures | Fare Passengers Carried<br>—<br>Voyageurs sans correspondance | Transfer Passengers Carried<br>—<br>Voyageurs avec correspondance | Total Passengers Carried<br>—<br>Total des voyageurs | Number of Tons of Freight Carried<br>—<br>Nombre de tonnes de marchandises transportées |                            |
| .....  | 42,419   | 15,710  | 58,129   | 38,974  | .....   | 38,974   | .....   | 50                         |
| .....  | 366,590  | .....   | 366,590  | 1,120,959   | 162,793   | 1,283,752  | .....   | 51                         |
| .....  | 179,036  | .....   | 179,036  | 537,871   | .....   | 537,871  | .....   | 52                         |
| .....  | 176,685  | .....   | 176,685  | 678,908   | 12,980  | 691,888  | .....   | 53                         |
| .....  | 761,664  | .....   | 761,664  | 2,153,187   | 317,964   | 2,471,151  | 691   | 54                         |
| .....  | 434,965  | .....   | 434,965  | 1,792,610   | 32,215  | 1,827,825  | .....   | 55                         |
| .....  | 21,189,341   | .....   | 21,189,341   | 182,377,494   | 70,446,128  | 252,823,622  | .....   | 56                         |
| .....  | 1,827,665  | .....   | 1,827,665  | 26,190,336  | 1,817,369   | 28,007,705   | .....   | 57                         |
| .....  | 772,837  | 53,639  | 826,476  | 4,279,362   | 331,597   | 4,610,959  | 11,422  | 58                         |
| 3-20   | 1,557,947  | 100,670   | 1,658,617  | 10,177,654  | .....   | 10,177,654   | 46,306  | 59                         |
| .....  | 36,200   | .....   | 36,200   | 239,013   | .....   | 239,013  | .....   | 60                         |
| .....  | 296,304  | 117,169   | 413,473  | 646,108   | 3,913   | 650,021  | 43,597  | 61                         |
| .....  | 9,446,158  | .....   | 9,446,158  | 58,441,007  | 16,246,038  | 74,687,045   | .....   | 62                         |
| .....  | 421,921  | .....   | 421,921  | 787,260   | 75,284  | 862,544  | 3,988   | 63                         |
| .....  | 96,090   | .....   | 96,090   | 83,358  | .....   | 83,358   | 500   | 64                         |
| .....  | 102,016  | .....   | 102,016  | 272,444   | .....   | 272,444  | .....   | 65                         |
| 224-20   | 107,248,202  | 2,958,142   | 110,206,344  | 749,334,380   | 200,135,290   | 949,469,670  | 2,374,612   | 66                         |

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TABLE 2—Summary of Capital at the close of

TABLEAU 2—Capitalisation à la fin de

| Name of Railway<br>Nom du tramway                                       | Stocks     | Bonds       | Total         |
|---|------------|-------------|---------------|
|   | Actions    | Obligations | Capital total |
|   | \$         | \$          | \$            |
| Brandon Municipal.....  |            | 450,000     | 450,000       |
| Brantford and Hamilton.....   | 300,000    | 660,000     | 960,000       |
| Brantford Municipal.....  |            | 396,500     | 396,500       |
| British Columbia.....   | 9,173,000  | 8,040,202   | 17,213,202    |
| Calais Street.....  | 100,000    | 100,000     | 200,000       |
| Calgary Municipal.....  |            | 2,365,173   | 2,365,173     |
| Canadian Resources Development Co.....                                  | 486,666    |             | 486,666       |
| Cape Breton (a).....  | 1,359,000  | 1,096,000   | 2,455,000     |
| Chatham, Wallaceburg and Lake Erie.....                                 | 760,000    | 694,500     | 1,454,500     |
| Cornwall Street Railway, Light and Power Co.....                        | 200,000    |             | 200,000       |
| Edmonton Interurban.....  | 600,000    |             | 600,000       |
| Edmonton Radial.....  |            | 3,059,171   | 3,059,171     |
| Fort William Terminal Railway and Bridge Co.....                        | 125,000    |             | 125,000       |
| Fort William.....   |            | 1,337,000   | 1,337,000     |
| Grand River.....  | 125,000    | 426,000     | 551,000       |
| Guelph Radial.....  | 169,870    |             | 169,870       |
| Hamilton and Dundas Street.....   | 100,000    | 100,000     | 200,000       |
| Hamilton, Grimsby and Beamsville.....                                   | 235,000    | 150,000     | 385,000       |
| Hamilton Radial.....  | 111,150    | 160,000     | 271,150       |
| Hamilton Street.....  | 1,205,000  | 360,000     | 1,565,000     |
| Hull Electric Co.....   | 292,000    |             | 292,000       |
| International Transit Co.....   | 150,000    | 120,000     | 270,000       |
| Kingston, Portsmouth and Cataract.....                                  | 83,100     | 100,000     | 183,100       |
| Kitchener and Waterloo Street.....                                      |            | 135,126     | 135,126       |
| Lake Erie and Northern.....   | 1,500,000  | 2,317,500   | 3,817,500     |
| Lethbridge Municipal.....   |            | 463,439     | 463,439       |
| Levis County.....   | 422,900    | 500,000     | 922,900       |
| London and Port Stanley.....  | 538,180    | 2,463,854   | 3,002,034     |
| London Street.....  | 637,480    | 531,000     | 1,168,480     |
| Moncton Tramway, Electricity and Gas Co. (a).....                       | 1,125,400  | 273,000     | 1,398,400     |
| Montreal Tramways.....  | 21,000,000 | 19,608,996  | 40,608,996    |
| Montreal and Southern Counties.....                                     | 1,000,000  |             | 1,000,000     |
| Moosejaw.....   | 760,372    | 35,000      | 795,372       |
| New Brunswick Power Co. (a).....  | 3,350,000  | 1,750,000   | 5,100,000     |
| Niagara Falls, Park and River division of International<br>Railway..... |            | 600,000     | 600,000       |
| Niagara, St. Catharines and Toronto.....                                | 925,000    | 1,098,000   | 2,023,000     |
| Niagara, Welland and Lake Erie.....                                     | 250,000    | 33,000      | 283,000       |
| Nipissing Central.....  | 530,000    |             | 530,000       |
| Nova Scotia Tramways and Power Co. (a).....                             | 4,588,800  | 3,000,000   | 7,588,800     |
| Nelson Municipal.....   |            | 81,000      | 81,000        |
| Oshawa.....   | 40,000     |             | 40,000        |
| Ottawa.....   | 1,876,900  | 386,000     | 2,262,900     |
| Peterborough Radial.....  | 100,000    | 354,256     | 454,256       |
| Pictou County Electric Co. (a).....                                     | 500,000    | 500,000     | 1,000,000     |
| Port Arthur Civic.....  |            | 829,605     | 829,605       |
| Quebec Railway, Light and Power Co. (a).....                            | 3,250,000  | 2,525,670   | 5,775,670     |
| Regina Municipal.....   |            | 1,586,288   | 1,586,288     |
| Sandwich, Windsor and Amherstburg.....                                  | 297,000    | 789,000     | 1,086,000     |
| Sarnia Street.....  | 90,000     | 90,000      | 180,000       |
| Saskatoon Municipal.....  |            | 827,036     | 827,036       |
| Schomberg and Aurora.....   | 250,000    | 300,000     | 550,000       |
| Shawinigan Falls Terminal.....  | 300,000    | 193,800     | 493,800       |
| Sherbrooke Railway and Power Co. (a).....                               | 1,127,000  | 1,075,700   | 2,202,700     |
| St. Thomas Municipal.....   |            | 146,863     | 146,863       |
| Sudbury Copper Cliff Suburban.....                                      | 173,100    | 90,500      | 263,600       |
| Suburban Rapid Transit Co.....  | 100,000    | 500,000     | 600,000       |
| Sydney and Glace Bay.....   | 500,000    | 380,000     | 880,000       |
| Three Rivers Traction Co.....   | 250,700    | 450,000     | 700,700       |
| Toronto.....  | 12,000,000 | 2,980,306   | 14,980,306    |
| Toronto Civic.....  |            | 2,564,237   | 2,564,237     |

(a) Represents all divisions of the Company.

(a) Représentant toutes les entreprises de la compagnie.



## SESSIONAL PAPER No. 20b

the year ending December 31, 1919

l'année terminée le 31 décembre 1919

| Name of Railway<br>Nom du tramway                   | Stocks<br>Actions | Bonds<br>Obligations | Total<br>Capital<br>Capital<br>total |
|---|-------------------|----------------------|--------------------------------------|
|   | \$                | \$                   | \$                                   |
| Toronto Suburban.....                               | 1,500,000         | 2,628,000            | 4,128,000                            |
| Toronto and York Radial.....                        | 2,000,000         | 2,200,000            | 4,200,000                            |
| Waterloo, Wellington Railway Co.....                | 19,200            | 60,000               | 79,200                               |
| Windsor, Essex and Lake Shore Rapid Railway Co..... | 750,000           | 1,000,000            | 1,750,000                            |
| Winnipeg (a).....                                   | 13,380,000        | 5,000,000            | 18,380,000                           |
| Winnipeg, Selkirk and Lake Winnipeg.....            | 500,000           | 653,200              | 1,153,200                            |
| Woodstock, Thames Valley and Ingersoll.....         | 200,000           | 140,000              | 340,000                              |
| Windsor and Tecumseh.....                           | 100,000           | 189,000              | 289,000                              |
| Yarmouth Light and Power Co. (a).....               | 250,000           | 340,000              | 590,000                              |
| Totals.....   | 91,757,418        | 81,283,922           | 173,041,340                          |

(a) Represents all divisions of the Company.

(a) Représentant toutes les entreprises de la compagnie.

TABLE 3—Summary of Gross Earnings from Operation  
TABLEAU 3—Sommaire des recettes brutes d'exploitation

| No.<br>—<br>N° | Name of Railway<br>—<br>Nom du tramway                                  | Revenue from Transportation            |                                    |   |
|----------------|---|--|------------------------------------|---|
|                |   | Passenger<br>Revenue<br>—<br>Voyageurs | Baggage<br>Revenue<br>—<br>Bagages | Parlour,<br>Chair and<br>Special Car<br>Revenue<br>—<br>Wagons-<br>salons et<br>voitures<br>spéciales |
|                |   | \$ cts.                                | \$ cts.                            | \$ cts.   |
| 1              | Brandon Municipal.....  | 36,552 04                              |                                    |   |
| 2              | Brantford and Hamilton.....   | 220,094 54                             |                                    | 850 25  |
| 3              | Brantford Municipal.....  | 143,901 88                             |                                    |   |
| 4              | British Columbia.....   | 3,903,445 67                           |                                    |   |
| 5              | Calais Street.....  | 44,427 73                              |                                    |   |
| 6              | Calgary Municipal.....  | 765,002 40                             |                                    | 2,277 45  |
| 7              | Canadian Resources Development Co.....                                  | 49 60                                  |                                    |   |
| 8              | Cape Breton.....  | 308,488 55                             |                                    | 1,451 87  |
| 9              | Chatham, Wallaceburg and Lake Erie.....                                 | 62,067 04                              | 3 60                               |   |
| 10             | Cornwall Street Railway, Light and Power Co.....                        | 26,428 83                              |                                    |   |
| 11             | Edmonton Radial.....  | 674,025 23                             |                                    | 812 86  |
| 12             | Fort William.....   | 176,246 70                             |                                    | 124 55  |
| 13             | Grand River.....  | 137,366 33                             | 254 07                             |   |
| 14             | Guelph Radial.....  | 62,946 16                              |                                    |   |
| 15             | Hamilton and Dundas Street.....   | 78,605 63                              |                                    | 578 27  |
| 16             | Hamilton, Grimsby and Beamsville.....                                   | 118,343 84                             |                                    | 614 60  |
| 17             | Hamilton Radial.....  | 163,789 21                             |                                    | 104 00  |
| 18             | Hamilton Street.....  | 897,989 87                             |                                    | 219 00  |
| 19             | Hull Electric Co.....   | 253,417 95                             | 2,943 20                           | 886 40  |
| 20             | International Transit Co.....   | 152,365 15                             |                                    |   |
| 21             | Kingston, Portsmouth and Cataract.....                                  | 63,516 57                              |                                    |   |
| 22             | Kitchener and Waterloo Street.....                                      | 73,631 42                              | 178 31                             | 2 65  |
| 23             | Lake Erie and Northern.....   | 182,706 66                             | 94 60                              |   |
| 24             | Lethbridge Municipal.....   | 54,674 18                              |                                    |   |
| 25             | Levis County.....   | 134,878 69                             |                                    |   |
| 26             | London and Port Stanley.....  | 257,384 76                             | 2,789 86                           |   |
| 27             | London Street.....  | 525,798 58                             |                                    | 754 01  |
| 28             | Moncton Tramways, Electricity and Gas Co.....                           | 22,957 85                              |                                    |   |
| 29             | Montreal Tramways.....  | 9,513,623 77                           |                                    |   |
| 30             | Montreal and Southern Counties.....                                     | 351,805 98                             | 174 53                             | 3,443 22  |
| 31             | Moosejaw.....   | 114,434 99                             |                                    |   |
| 32             | New Brunswick Power Co.....   | 387,778 89                             |                                    |   |
| 33             | Niagara Falls Park and River Division of the International Railway..... | 168,351 70                             |                                    | 340 99  |
| 34             | Niagara, St. Catharines and Toronto.....                                | 597,248 94                             | 174 65                             |   |
| 35             | Niagara, Welland and Lake Erie.....                                     | 29,051 62                              |                                    |   |
| 36             | Nipissing Central.....  | 101,185 81                             | 552 75                             | 807 50  |
| 37             | Nova Scotia Tramways and Power Co.....                                  | 529,286 43                             |                                    | 20 00   |
| 38             | Nelson Municipal.....   | 18,200 76                              |                                    |   |
| 39             | Oshawa.....   | 23,335 48                              |                                    |   |
| 40             | Ottawa.....   | 1,569,204 35                           |                                    | 488 73  |
| 41             | Peterborough Radial.....  | 83,433 73                              |                                    |   |
| 42             | Pictou County Electric Co.....  | 107,500 64                             |                                    |   |
| 43             | Port Arthur Civic.....  | 189,647 97                             |                                    | 4,194 20  |
| 44             | Quebec Railway, Light and Power (Citadel).....                          | 703,177 99                             |                                    | 666 68  |
| 45             | Quebec Railway, Light and Power (Montmorency).....                      | 257,382 55                             | 228 52                             | 15,384 77   |
| 46             | Regina Municipal.....   | 303,337 00                             |                                    | 3,425 03  |
| 47             | Sandwich, Windsor and Amherstburg.....                                  | 365,208 35                             |                                    | 688 05  |
| 48             | Sarnia Street.....  | 71,645 63                              | 3,014 95                           |   |
| 49             | Saskatoon Municipal.....  | 249,581 48                             |                                    |   |
| 50             | Schomberg and Aurora.....   | 11,343 34                              |                                    |   |
| 51             | Shawinigan Falls Terminal.....  |  |                                    |   |
| 52             | Sherbrooke Railway and Power Co.....                                    | 59,172 07                              |                                    | 222 60  |
| 53             | St. Thomas Municipal.....   | 22,654 88                              |                                    |   |
| 54             | Sudbury-Copper Cliff Suburban.....                                      | 54,080 09                              |                                    |   |
| 55             | Suburban Rapid Transit Co.....  | 113,053 88                             |                                    | 150 50  |
| 56             | Three Rivers Traction Co.....   | 125,482 70                             |                                    | 194 00  |

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for the year ending December 31, 1919

pour l'année terminée le 31 décembre 1919

| —Recettes provenant des transports. |                                |                      |                                 |                                     |   |              | No. |
|-------------------------------------|--------------------------------|----------------------|---------------------------------|-------------------------------------|---|--------------|-----|
| Mail Revenue<br>Postes              | Express Revenue<br>Messageries | Milk Revenue<br>Lait | Freight Revenue<br>Marchandises | Switching Revenue<br>Transbordement | Miscellaneous Transportation Revenue<br>Recettes diverses | Total        | No. |
| \$ cts.                             | \$ cts.                        | \$ cts.              | \$ cts.                         | \$ cts.                             | \$ cts.   | \$ cts.      |     |
|                                     |                                |                      |                                 |                                     | 486 63  | 37,038 67    | 1   |
|                                     | 204 72                         |                      | 28,271 48                       |                                     |   | 249,420 99   | 2   |
| 450 00                              |                                |                      |                                 |                                     |   | 144,351 88   | 3   |
|                                     |                                |                      | 659,094 41                      |                                     |   | 4,562,543 08 | 4   |
|                                     |                                |                      |                                 |                                     |   | 44,427 73    | 5   |
|                                     |                                |                      | 4,746 13                        |                                     |   | 772,025 98   | 6   |
|                                     |                                |                      |                                 |                                     |   | 49 60        | 7   |
| 1,611 24                            | 14,430 46                      |                      |                                 |                                     |   | 325,982 12   | 8   |
| 624 74                              | 1,985 73                       | 366 15               | 108,292 17                      | 1,571 26                            |   | 174,910 69   | 9   |
| 832 40                              |                                |                      | 18,572 38                       |                                     |   | 45,833 61    | 10  |
|                                     |                                |                      | 305 02                          |                                     |   | 675,143 11   | 11  |
| 860 00                              |                                |                      |                                 |                                     | 987 74  | 178,218 99   | 12  |
| 1,849 85                            | 21,059 72                      |                      | 132,811 41                      | 11,740 38                           | 338 20  | 305,419 96   | 13  |
|                                     |                                |                      | 4,383 41                        |                                     |   | 67,329 57    | 14  |
| 248 00                              | 844 85                         |                      | 123 40                          |                                     |   | 80,400 15    | 15  |
| 750 00                              | 9,157 02                       |                      | 43,225 09                       |                                     |   | 172,090 55   | 16  |
| 201 59                              |                                |                      | 9,581 87                        |                                     |   | 173,676 67   | 17  |
|                                     |                                |                      |                                 |                                     |   | 898,208 87   | 18  |
| 1,600 00                            |                                |                      | 21,120 63                       |                                     |   | 279,968 18   | 19  |
|                                     |                                |                      |                                 |                                     |   | 152,365 15   | 20  |
|                                     |                                |                      |                                 |                                     |   | 63,516 57    | 21  |
| 2,528 00                            |                                |                      |                                 |                                     |   | 76,340 38    | 22  |
|                                     | 21,644 12                      |                      | 88,102 01                       |                                     | 297 44  | 292,844 83   | 23  |
|                                     |                                |                      |                                 |                                     |   | 54,674 18    | 24  |
|                                     |                                |                      | 6,337 28                        |                                     |   | 141,215 97   | 25  |
| 2,463 58                            | 11,437 02                      |                      | 187,085 97                      | 24,726 85                           |   | 485,888 04   | 26  |
| 2,035 54                            |                                |                      |                                 |                                     |   | 528,588 13   | 27  |
|                                     |                                |                      |                                 |                                     |   | 22,957 85    | 28  |
| 800 00                              |                                |                      | 123,442 78                      |                                     | 23,548 34   | 9,661,414 89 | 24  |
| 225 36                              | 6,875 38                       | 10,855 05            | 13,807 52                       |                                     |   | 387,187 04   | 30  |
|                                     |                                |                      |                                 |                                     |   | 114,434 99   | 31  |
|                                     |                                |                      | 444 00                          |                                     |   | 388,222 89   | 32  |
|                                     |                                |                      |                                 |                                     |   |              |     |
| 556 46                              | 545 50                         |                      |                                 | 2,198 60                            |   | 171,993 25   | 33  |
| 670 16                              | 14,246 06                      | 1,144 95             | 266,666 32                      | 32,063 32                           | 518 61  | 912,733 01   | 34  |
|                                     |                                | 74 85                |                                 |                                     |   | 29,051 62    | 35  |
|                                     |                                |                      |                                 | 8,601 03                            |   | 111,221 94   | 36  |
|                                     |                                |                      |                                 |                                     |   | 529,306 43   | 37  |
|                                     |                                |                      |                                 |                                     |   | 18,200 76    | 38  |
| 1,000 00                            | 21,156 05                      |                      | 186,511 90                      | 1,130 86                            |   | 233,134 29   | 39  |
| 4,406 61                            |                                |                      |                                 | 184 30                              |   | 1,574,284 09 | 40  |
|                                     |                                |                      |                                 |                                     |   | 83,433 73    | 41  |
|                                     |                                |                      | 3,025 26                        |                                     |   | 110,525 90   | 42  |
| 565 00                              |                                |                      |                                 |                                     |   | 194,407 17   | 43  |
| 198 12                              |                                |                      |                                 |                                     | 4,702 43  | 708,745 22   | 44  |
| 1,589 56                            | 7,601 38                       | 530 30               |                                 |                                     |   | 282,717 08   | 45  |
|                                     |                                |                      | 11,394 19                       |                                     |   | 318,156 22   | 46  |
|                                     |                                |                      | 7,916 90                        |                                     |   | 374,548 30   | 47  |
| 735 00                              |                                |                      | 7,223 82                        |                                     |   | 84,097 40    | 48  |
| 2,213 00                            |                                |                      |                                 |                                     |   | 249,581 48   | 49  |
|                                     |                                |                      | 15,561 51                       |                                     |   | 26,904 85    | 50  |
|                                     |                                |                      |                                 | 62,780 00                           | 10,708 00   | 73,488 00    | 51  |
|                                     |                                |                      |                                 |                                     |   | 59,394 67    | 52  |
|                                     |                                |                      |                                 |                                     | 5 00  | 22,659 88    | 53  |
|                                     |                                |                      |                                 |                                     |   | 54,080 09    | 54  |
|                                     | 482 14                         | 4,077 00             |                                 |                                     |   | 117,763 52   | 55  |
| 600 00                              |                                |                      |                                 |                                     |   | 126,276 70   | 56  |

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TABLE 3—Summary of Gross Earnings from Operation  
 TABLEAU 3—Sommaire des recettes brutes d'exploitation

| No.<br>N <sup>o</sup> | Name of Railway<br>—<br>Nom du tramway              | Revenue from Transportation            |                                    |   |
|-----------------------|---|--|------------------------------------|---|
|                       |   | Passenger<br>Revenue<br>—<br>Voyageurs | Baggage<br>Revenue<br>—<br>Bagages | Parlour,<br>Chair and<br>Special Car<br>Revenue<br>—<br>Wagons-<br>salons et<br>voitures<br>spéciales |
|                       |   | \$ cts.                                | \$ cts.                            | \$ cts.   |
| 57                    | Toronto.....  | 7,115,166 85                           |                                    |   |
| 58                    | Toronto Civic.....                                  | 441,037 23                             |                                    |   |
| 59                    | Toronto Suburban.....                               | 312,736 78                             |                                    |   |
| 60                    | Toronto and York Radial.....                        | 739,742 58                             |                                    |   |
| 61                    | Waterloo, Wellington Railway Co.....                | 10,994 63                              |                                    |   |
| 62                    | Windsor, Essex and Lake Shore Rapid Railway Co..... | 178,819 65                             |                                    | 1,150 20  |
| 63                    | Winnipeg.....                                       | 2,906,011 66                           |                                    | 3,058 54  |
| 64                    | Winnipeg, Selkirk and Lake Winnipeg.....            | 144,827 82                             |                                    | 725 00  |
| 65                    | Woodstock, Thames Valley and Ingersoll.....         | 23,116 27                              |                                    |   |
| 66                    | Yarmouth Light and Power Co.....                    | 13,685 25                              |                                    |   |
|                       | Totals—Totaux.....                                  | 37,547,455 90                          | 10,409 04                          | 43,635 92   |

## SESSIONAL PAPER No. 20b

for the year ending December 31, 1919—Continued

pour l'année terminée le 31 décembre 1919—suite

| —Recettes provenant des transports |  |                              |   |   |   |               | No.<br>N° |
|------------------------------------|--|------------------------------|---|---|---|---------------|-----------|
| Mail<br>Revenue<br>—<br>Postes     | Express<br>Revenue<br>—<br>Messageries | Milk<br>Revenue<br>—<br>Lait | Freight<br>Revenue<br>—<br>Marchandises | Switching<br>Revenue<br>—<br>Transbordement | Miscellaneous<br>Transportation<br>Revenue<br>—<br>Recettes<br>diverses | Total         |           |
| \$ cts.                            | \$ cts.                                | \$ cts.                      | \$ cts.                                 | \$ cts.                                     | \$ cts.   | \$ cts.       |           |
|                                    |  |                              |   |   |   | 7,115,166 85  | 57        |
|                                    |  |                              |   |   |   | 441,037 23    | 58        |
| 100 00                             | 37,216 58                              | 8,330 00                     |   |   | 548 52  | 358,931 88    | 59        |
| 3,487 01                           | 1,493 55                               |                              | 102,804 04                              |   |   | 847,527 18    | 60        |
| 250 00                             |  |                              |   |   | 52 55   | 11,297 18     | 61        |
| 1,361 93                           | 1,045 89                               |                              | 47,035 20                               |   | 1,465 95  | 230,878 82    | 62        |
| 7,169 25                           |  |                              |   |   | 500 00  | 2,916,739 45  | 63        |
|                                    | 2,415 94                               | 6,055 29                     | 15,115 40                               |   |   | 169,139 45    | 64        |
|                                    |  |                              | 1,586 63                                |   |   | 24,702 90     | 65        |
| 400 00                             |  |                              |   |   |   | 14,085 25     | 66        |
| 42,382 40                          | 173,842 11                             | 31,433 59                    | 2,114,588 13                            | 144,996 60                                  | 44,159 41   | 40,152,903 10 |           |

TABLE 3—Summary of Gross Earnings from Operations  
TABLEAU 3—Sommaire des recettes brutes d'exploitation

| No.<br>N <sup>s</sup> | Name of Railway<br>Nom du tramway                                   | Revenue from Operations<br>Recettes d'exploitation                                   |   |                              |  |
|-----------------------|---|--|---|------------------------------|--|
|                       |   | Station<br>and Car<br>Privileges<br>Publicité<br>dans les<br>voitures et<br>stations | Parcel-<br>room<br>Receipts<br>Consigne<br>des<br>bagages | Storage<br>Emma-<br>gasinage | Car<br>Service<br>Voitures<br>affectées<br>à la voirie |
|                       |   | \$ cts.  | \$ cts.   | \$ cts.                      | \$ cts.  |
| 1                     | Brandon Municipal.....  | 593 95   |   |                              |  |
| 2                     | Brantford and Hamilton.....   |  | 98 82   |                              |  |
| 3                     | Brantford Municipal.....  | 1,170 00   |   |                              |  |
| 4                     | British Columbia.....   |  |   |                              |  |
| 5                     | Calais Street.....  | 164 00   |   |                              |  |
| 6                     | Calgary Municipal.....  | 14,416 89  |   |                              |  |
| 7                     | Canadian Resources Development Co.....                              |  |   |                              |  |
| 8                     | Cape Breton.....  | 1,000 00   |   |                              |  |
| 9                     | Chatham, Wallaceburg and Lake Erie.....                             | 313 29   | 57 25   | 7 16                         | 2,386 00   |
| 10                    | Cornwall St. Rly., Light and Power Co.....                          | 491 00   |   |                              |  |
| 11                    | Edmonton Radial.....  | 3,919 25   |   |                              |  |
| 12                    | Fort William.....   | 929 75   |   |                              |  |
| 13                    | Grand River.....  | 30 55  |   | 297 33                       | 3,644 06   |
| 14                    | Guelph Radial.....  | 1,772 25   |   |                              |  |
| 15                    | Hamilton and Dundas Street.....                                     | 100 00   |   |                              |  |
| 16                    | Hamilton, Grimsby and Beamsville.....                               | 350 00   |   |                              |  |
| 17                    | Hamilton Radial.....  | 300 00   |   |                              |  |
| 18                    | Hamilton Street.....  | 725 00   |   |                              |  |
| 19                    | Hull Electric Co.....   | 1,075 00   |   |                              |  |
| 20                    | International Transit Co.....                                       |  |   |                              |  |
| 41                    | Kingston, Portsmouth and Catarqui.....                              | 400 00   |   |                              |  |
| 22                    | Kitchener and Waterloo.....   | 815 00   |   |                              |  |
| 23                    | Lake Erie and Northern.....   | 138 70   |   | 258 46                       | 1,650 00   |
| 24                    | Lethbridge Municipal.....   | 1,022 30   |   |                              |  |
| 25                    | Levis County.....   | 640 00   |   |                              |  |
| 26                    | London and Port Stanley.....  |  |   | 75 00                        | 5,400 00   |
| 27                    | London Street.....  | 3,103 74   |   |                              |  |
| 28                    | Moncton Tramways, Electricity and Gas Co.....                       | 200 00   |   |                              |  |
| 29                    | Montreal Tramways.....  | 26,941 36  |   |                              |  |
| 30                    | Montreal and Southern Counties.....                                 | 1,789 73   | 125 20  | 26 14                        | 313 00   |
| 31                    | Moose Jaw.....  | 895 00   |   |                              |  |
| 32                    | New Brunswick Power Co.....   | 2,365 00   |   |                              |  |
| 33                    | Niagara Falls, Park and River, division of<br>International Ry..... | 505 35   | 48 90   |                              |  |
| 34                    | Niagara, St. Catharines and Toronto.....                            | 434 52   | 1,673 90  | 403 82                       | 6,785 00   |
| 35                    | Niagara, Welland and Lake Erie.....                                 | 207 65   |   |                              |  |
| 36                    | Nipissing Central.....  | 500 00   |   |                              | 1,570 40   |
| 37                    | Nova Scotia Tramways and Power Co.....                              | 3,042 36   |   |                              |  |
| 38                    | Nelson Municipal.....   |  |   |                              |  |
| 39                    | Oshawa.....   | 374 20   |   | 627 55                       | 8,667 00   |
| 40                    | Ottawa.....   | 3,125 00   |   |                              |  |
| 41                    | Peterborough Radial.....  | 430 01   |   |                              |  |
| 42                    | Pictou County Elec. Co.....   |  |   |                              |  |
| 43                    | Port Arthur Civic.....  | 1,070 00   |   |                              |  |
| 44                    | Quebec, Rly., Light and Power (Citadel).....                        | 3,905 94   |   |                              |  |
| 45                    | Quebec, Rly., Light and Power (Montmorency).....                    | 2,737 99   | 491 39  | 80 95                        | 1,617 80   |
| 46                    | Regina Municipal.....   | 5,167 95   |   |                              |  |
| 47                    | Sandwich, Windsor and Amherstburg.....                              | 1,765 00   |   |                              |  |
| 48                    | Sarnia Street.....  |  |   |                              |  |
| 49                    | Saskatoon Municipal.....  | 1,406 58   |   |                              |  |
| 50                    | Schomberg and Aurora.....   |  |   |                              |  |
| 51                    | Shawinigan Falls Terminal.....                                      |  |   |                              |  |
| 52                    | Sherbrooke Rly. and Power Co.....                                   | 999 50   |   |                              |  |
| 53                    | St. Thomas Municipal.....   | 332 75   |   |                              |  |
| 54                    | Sudbury, Copper Cliff Suburban.....                                 | 1,124 16   |   |                              |  |
| 55                    | Suburban Rapid Transit Co.....                                      |  |   |                              |  |

## SESSIONAL PAPER No. 20b

for the year ending Decembre 31, 1919—Continued

pour l'année terminée le 31 décembre 1919—suite

| other than Transportation                |   |                            |   |                  |                    |         |           | Total<br>Gross<br>Earnings      | No. |
|--|---|----------------------------|---|------------------|--------------------|---------|-----------|---------------------------------|-----|
| autres que transports                    |   |                            |   |                  |                    |         |           |                                 |     |
| Telegraph<br>and<br>Telephone<br>Service | Rents of<br>Tracks<br>and<br>Terminals  | Rent<br>of<br>Equipment    | Rent of<br>Buildings<br>and other<br>Property     | Power            | Miscel-<br>laneous | Total   |           | Total des<br>recettes<br>brutes | N°  |
| Télé-<br>graphe<br>et<br>téléphone       | Loyers<br>de voies<br>et de<br>terminus | Location<br>de<br>matériel | Loyers de<br>bâtiments<br>et autres<br>propriétés | Force<br>motrice | Divers             |         |           |                                 |     |
| \$ cts.                                  | \$ cts.                                 | \$ cts.                    | \$ cts.   | \$ cts.          | \$ cts.            | \$ cts. |           | \$ cts.                         |     |
|  |   |                            |   |                  |                    |         | 593 75    | 37,632 42                       | 1   |
|  | 137 10                                  | 26 80                      | 5,966 83  |                  |                    |         | 6,229 55  | 255,650 54                      | 2   |
|  |   |                            |   | 326 36           | 2,426 91           |         | 3,923 27  | 148,275 15                      | 3   |
|  |   |                            |   | 5,920 54         | 370 08             |         | 6,454 62  | 4,562,543 08                    | 4   |
|  |   |                            |   |                  | 28,515 01          |         | 42,931 90 | 50,882 35                       | 5   |
|  |   |                            |   |                  |                    |         |           | 814,957 88                      | 6   |
|  |   |                            |   |                  |                    |         |           | 49 60                           | 7   |
|  |   |                            | 25 00   |                  | 295 33             |         | 1,320 33  | 327,302 45                      | 8   |
|  |   |                            | 439 92  |                  | 10,947 00          |         | 14,150 62 | 189,061 31                      | 9   |
|  |   |                            |   | 60 00            | 1,822 86           |         | 2,373 86  | 48,207 47                       | 10  |
|  | 20 37                                   |                            | 720 00  |                  | 2,910 46           |         | 7,570 08  | 682,713 19                      | 11  |
|  |   |                            |   |                  | 243 65             |         | 1,173 40  | 179,392 39                      | 12  |
| 25 54                                    | 1,989 62                                |                            | 334 90  |                  | 220 51             |         | 6,542 51  | 311,962 47                      | 13  |
|  |   |                            | 374 99  |                  | 1,409 60           |         | 3,556 84  | 70,886 41                       | 14  |
|  | 9,477 20                                | 380 35                     | 165 50  |                  |                    |         | 10,123 05 | 90,523 20                       | 15  |
|  |   | 8,620 90                   | 3,788 00  |                  |                    |         | 12,758 90 | 184,849 45                      | 16  |
|  |   | 9,533 41                   | 966 50  |                  |                    |         | 10,799 91 | 184,476 58                      | 17  |
|  |   | 2,375 26                   | 1,980 81  |                  |                    |         | 5,081 07  | 903,289 94                      | 18  |
|  | 449 23                                  |                            | 1,529 06  |                  |                    |         | 3,053 29  | 283,021 47                      | 19  |
|  |   |                            |   |                  |                    |         |           | 152,365 15                      | 20  |
|  |   |                            | 834 00  |                  | 1,790 29           |         | 3,024 29  | 66,540 86                       | 21  |
|  | 1,563 42                                |                            |   | 1,796 59         | 300 00             |         | 4,475 01  | 80,815 39                       | 22  |
| 71 25                                    | 215 75                                  | 298 40                     | 2,158 66  |                  |                    |         | 3,891 22  | 297,736 05                      | 23  |
|  |   |                            | 720 00  |                  |                    |         | 1,742 30  | 56,416 48                       | 24  |
|  |   |                            |   |                  |                    |         | 640 00    | 141,855 97                      | 25  |
|  | 6,754 58                                |                            | 2,850 13  |                  | 73,374 41          |         | 88,454 12 | 574,342 16                      | 26  |
|  |   |                            | 289 00  |                  |                    |         | 3,881 64  | 532,469 77                      | 27  |
|  |   |                            |   |                  |                    |         | 200 00    | 23,157 85                       | 28  |
|  |   |                            | 716 00  | 177 80           |                    |         | 26,941 36 | 9,688,356 25                    | 29  |
|  |   |                            |   |                  | 5 00               |         | 3,152 87  | 390,339 91                      | 30  |
|  |   |                            |   |                  | 434 21             |         | 1,329 21  | 115,764 20                      | 31  |
|  |   |                            |   |                  |                    |         | 2,365 00  | 390,587 89                      | 32  |
|  |   |                            |   |                  |                    |         |           | 152,365 15                      | 33  |
|  | 510 00                                  | 4,441 50                   | 391 67  | 1,237 00         |                    |         | 7,134 42  | 179,127 67                      | 34  |
|  |   |                            | 2,236 27  |                  |                    |         | 13,657 03 | 926,390 04                      | 35  |
|  |   |                            |   |                  |                    |         | 207 65    | 29,259 27                       | 36  |
|  | 245 00                                  |                            | 150 00  |                  |                    |         | 2,465 40  | 113,687 34                      | 37  |
|  |   |                            |   |                  |                    |         | 19 32     | 3,061 68                        | 38  |
|  |   |                            |   |                  |                    |         |           | 18,200 76                       | 39  |
|  |   |                            | 1,283 84  |                  | 2,804 66           |         | 13,757 25 | 246,891 54                      | 40  |
|  |   |                            | 1,082 21  |                  |                    |         | 4,207 21  | 1,578,491 30                    | 41  |
|  |   |                            |   |                  |                    |         | 180 27    | 84,044 01                       | 42  |
|  |   |                            |   |                  |                    |         |           | 110,525 00                      | 43  |
|  |   | 278 71                     |   | 300 00           | 224 02             |         | 1,872 73  | 196,279 90                      | 44  |
|  |   |                            |   | Dr. 260 00       |                    |         | 3,645 94  | 712,391 16                      | 45  |
|  |   |                            | 1,815 13  |                  | 5,639 19           |         | 12,382 45 | 295,099 53                      | 46  |
|  |   |                            |   |                  | 696 55             |         | 5,864 50  | 324,020 72                      | 47  |
|  |   |                            | 5 00  |                  | 768 32             |         | 2,538 32  | 377,086 62                      | 48  |
|  |   |                            |   |                  | 4,946 33           |         | 4,946 33  | 89,043 73                       | 49  |
|  |   |                            |   |                  | 1,044 76           |         | 2,451 34  | 252,032 82                      | 50  |
|  |   |                            |   |                  |                    |         |           | 26,904 85                       | 51  |
|  |   |                            |   |                  |                    |         |           | 73,488 00                       | 52  |
|  |   |                            |   |                  |                    | 846 28  | 1,845 78  | 61,240 45                       | 53  |
|  |   |                            |   |                  |                    | 96 26   | 429 01    | 23,088 89                       | 54  |
|  |   |                            |   |                  |                    |         | 1,124 16  | 55,204 25                       | 55  |
|  | 654 34                                  | 50 00                      |   |                  |                    |         | 704 34    | 118,467 86                      | 56  |

II GEORGE V, A. 1921

TABLE 3—Summary of Gross Earnings from Operations  
 TABLEAU 3—Sommaire des recettes brutes d'exploitation

| No.<br>N <sup>o</sup> | Name of Railway<br>—<br>Nom du tramway       | Revenue from Operations<br>—<br>Recettes d'exploitation                                   |  |                                   |   |
|-----------------------|--|---|--|-----------------------------------|---|
|                       |  | Station<br>and Car<br>Privileges<br>—<br>Publicité<br>dans les<br>voitures et<br>stations | Parcel-<br>room<br>Receipts<br>—<br>Consigne<br>des<br>bagages | Storage<br>—<br>Emma-<br>gasinage | Car<br>Service<br>—<br>Voitures<br>affectées<br>à la voirie |
|                       |  | \$ cts.   | \$ cts.  | \$ cts.                           | \$ cts.   |
| 56                    | Three Rivers Traction Co.....                |   |  |                                   |   |
| 57                    | Toronto.....                                 | 41,606 26   |  |                                   |   |
| 58                    | Toronto Civic.....                           | 1,620 00  |  |                                   |   |
| 59                    | Toronto Suburban.....                        | 634 99  |  |                                   |   |
| 60                    | Toronto and York Radial.....                 | 1,300 00  |  |                                   |   |
| 61                    | Waterloo, Wellington Rly. Co.....            | 150 00  |  |                                   |   |
| 62                    | Windsor, Essex and Lake Shore Rapid Rly..... | 637 40  | 171 15   |                                   | Dr. 3,119 47  |
| 63                    | Winnipeg.....                                | 9,434 95  |  |                                   |   |
| 64                    | Winnipeg, Selkirk and Lake Winnipeg.....     | 600 00  |  |                                   |   |
| 65                    | Woodstock, Thames Valley and Ingersoll.....  | 200 00  |  |                                   |   |
| 66                    | Yarmouth Light and Power Co.....             | 261 00  |  |                                   |   |
|                       | Totals—Totaux.....                           | 149,235 12  | 2,666 61   | 1,776 41                          | 28,913 79   |



## SESSIONAL PAPER No. 20b

for the year ending December 31, 1919—Concluded

pour l'année terminée le 31 décembre 1919—fin

| other than Transportation                |   |                            |   |                  |                    |              | Total<br>Gross<br>Earnings | No. |
|--|---|----------------------------|---|------------------|--------------------|--------------|----------------------------|-----|
| autres que transports                    |   |                            |   |                  |                    |              |                            |     |
| Telegraph<br>and<br>Telephone<br>Service | Rents of<br>Tracks<br>and<br>Terminals  | Rent<br>of<br>Equipment    | Rent of<br>Buildings<br>and other<br>Property     | Power            | Miscel-<br>laneous | Total        |                            |     |
| Télé-<br>graphe<br>et<br>téléphone       | Loyers<br>de voies<br>et de<br>terminus | Location<br>de<br>matériel | Loyers de<br>batiments<br>et autres<br>propriétés | Force<br>motrice | Divers             |              |                            |     |
| \$ cts.                                  | \$ cts.                                 | \$ cts.                    | \$ cts.   | \$ cts.          | \$ cts.            | \$ cts.      | \$ cts.                    |     |
|  |   | 6,813 68                   | 2,428 69  |                  | 2,089 16           | 2,089 16     | 128,365 86                 | 56  |
|  |   |                            | 434 00  |                  | 914 46             | 51,763 09    | 7,166,929 94               | 57  |
|  | 140 05                                  |                            | 682 19  | 32,726 27        | 1,398 62           | 2,054 00     | 443,091 23                 | 58  |
|  |   |                            | 1,039 00  | 33,521 72        | 2,604 92           | 35,582 12    | 394,514 00                 | 59  |
|  |   |                            | 8 00  |                  | 23 69              | 38,465 64    | 885,992 82                 | 60  |
|  |   |                            | 451 00  |                  |                    | 181 69       | 11,478 87                  | 61  |
|  | 500 00                                  | 1,800 00                   |   |                  |                    | Dr. 1,859 92 | 229,018 90                 | 62  |
|  | 1,000 00                                |                            |   |                  |                    | 71 25        | 11,806 20                  | 63  |
|  |   |                            |   |                  |                    | 1,600 00     | 170,739 45                 | 64  |
|  |   |                            |   |                  |                    | 458 89       | 25,361 79                  | 65  |
|  |   |                            |   | 31,150 85        | 9,290 28           | 40,702 13    | 54,787 38                  | 66  |
| 96 79                                    | 23,656 66                               | 34,719 01                  | 35,866 30   | 106,957 13       | 161,794 97         | 545,682 79   | 40,698,585 89              |     |

II GEORGE V, A. 1921

TABLE 4—Summary of Operating Expenses  
TABLEAU 4—Sommaire des frais d'exploitation

| No.<br>N <sup>o</sup> | Name of Railway<br>Nom du tramway                                       | Maintenance, Way and Structures      |          |                        |            |
|-----------------------|---|--------------------------------------|----------|------------------------|------------|
|                       |   | Superin-<br>tendence<br>—<br>Gestion | Ballast  | Ties<br>—<br>Traverses | Rails      |
|                       |   | \$ cts.                              | \$ cts.  | \$ cts.                | \$ cts.    |
| 1                     | Brandon Municipal.....  |                                      |          |                        |            |
| 2                     | Brantford and Hamilton.....   |                                      |          |                        |            |
| 3                     | Brantford Municipal.....  |                                      |          |                        |            |
| 4                     | British Columbia.....   | 6,660 83                             | 2,198 56 | 61,395 79              | 255 47     |
| 5                     | Calais Street.....  |                                      |          |                        |            |
| 6                     | Calgary Municipal.....  | 4,080 00                             |          |                        |            |
| 7                     | Canadian Resources Development Co.....                                  |                                      |          |                        |            |
| 8                     | Cape Breton.....  | 2,702 73                             | 567 76   | 5,657 30               | 5 88       |
| 9                     | Chatham, Wallaceburg and Lake Erie.....                                 |                                      | 10 15    |                        | 384 60     |
| 10                    | Cornwall St. Rly., Light and Power Co.....                              | 100 00                               | 200 00   |                        |            |
| 11                    | Edmonton Radial.....  | 1,725 77                             | 331 60   | 229 75                 | 83 32      |
| 12                    | Fort William.....   |                                      |          |                        |            |
| 13                    | Grand River.....  | 2,604 96                             | 138 50   | 12,074 11              | 23,849 84  |
| 14                    | Guelph Radial.....  | 50 00                                |          |                        |            |
| 15                    | Hamilton and Dundas Street.....   |                                      |          |                        |            |
| 16                    | Hamilton, Grimsby and Beamsville.....                                   |                                      |          |                        |            |
| 17                    | Hamilton Radial.....  |                                      |          |                        |            |
| 18                    | Hamilton Street.....  |                                      |          |                        |            |
| 19                    | Hull Electric Co.....   | 1,840 00                             |          |                        |            |
| 20                    | International Transit Co.....   | 605 00                               |          |                        |            |
| 21                    | Kingston, Portsmouth and Cataragui.....                                 |                                      |          |                        |            |
| 22                    | Kitchener and Waterloo Street.....                                      | 1,200 00                             |          |                        | 3,007 77   |
| 23                    | Lake Erie and Northern.....   | 2,423 55                             | 1,398 58 | 8,728 70               | Cr. 580 04 |
| 24                    | Lethbridge Municipal.....   | 1,000 00                             | 851 67   | 1,867 48               |            |
| 25                    | Levis County.....   |                                      |          |                        | 8,813 43   |
| 26                    | London and Port Stanley.....  | 2,984 61                             | 22 20    | 1,166 73               | 179 39     |
| 27                    | London Street.....  |                                      | 670 40   | 1,256 10               | 3,510 00   |
| 28                    | Moncton Tramways, Electricity and Gas Co.....                           |                                      |          | 17 22                  | Cr. 8 75   |
| 29                    | Montreal Tramways.....  |                                      |          |                        |            |
| 30                    | Montreal and Southern Counties.....                                     | 2,455 02                             | 1,805 43 | 3,079 91               | 463 66     |
| 31                    | Moose Jaw.....  | 588 00                               |          |                        |            |
| 32                    | New Brunswick Power Co.....   | 1,337 46                             |          |                        |            |
| 33                    | Niagara Falls Park and River, division of the<br>International Rly..... | 129 41                               | 619 62   | 3,611 91               |            |
| 34                    | Niagara, St. Catharines and Toronto.....                                | 8,463 61                             | 1,104 00 | 9,453 29               | 2,273 40   |
| 35                    | Niagara, Welland and Lake Erie.....                                     |                                      |          |                        |            |
| 36                    | Nipissing Central.....  | 206 00                               | 194 14   | 1,394 29               | 615 96     |
| 37                    | Nova Scotia Tramways and Power Co.....                                  | 2,307 65                             | 589 18   | 589 36                 | 6,149 12   |
| 38                    | Nelson Municipal.....   | 1,570 00                             |          |                        |            |
| 39                    | Oshawa.....   | 1,536 04                             | 869 32   | 2,124 05               | 434 70     |
| 40                    | Ottawa.....   | 5,347 95                             |          | 114 14                 |            |
| 41                    | Peterborough Radial.....  |                                      | 510 00   |                        | 51 84      |
| 42                    | Pictou County Electric Co.....  |                                      | 105 00   | 519 23                 |            |
| 43                    | Port Arthur Civic.....  |                                      |          |                        |            |
| 44                    | Quebec, Rly., Light and Power (Citadel).....                            | 675 86                               |          | 175 82                 | 16,689 07  |
| 45                    | Quebec Rly., Light and Power (Montmorency).....                         |                                      |          |                        |            |
| 46                    | Regina Municipal.....   | 690 00                               |          |                        |            |
| 47                    | Sandwich, Windsor and Amherstburg.....                                  | 1,650 00                             |          |                        |            |
| 48                    | Sarnia Street.....  | 2,005 45                             | 3,041 40 | 4,803 30               | 928 67     |
| 49                    | Saskatoon Municipal.....  | 891 53                               | 300 00   | 1,260 00               | 1,332 40   |
| 50                    | Schomberg and Aurora.....   | 602 00                               | 2,217 90 | 762 61                 |            |
| 51                    | Shawinigan Falls Terminal.....  |                                      |          |                        |            |
| 52                    | Sherbrooke Rly. and Power Co.....                                       |                                      |          |                        |            |
| 53                    | St. Thomas Municipal.....   |                                      |          |                        |            |
| 54                    | Sudbury, Copper Cliff Suburban.....                                     | 2,431 50                             |          |                        |            |

## SESSIONAL PAPER No. 20b

for the year ending December 31, 1919

pour l'année terminée le 31 décembre 1919

## —Entretien des voies et ouvrages

| Rail Fastenings and Joints<br>Plaques d'accouplement et tire-fonds | Special Work<br>Travaux spéciaux | Under-ground Construction<br>Constructions souterraines | Roadway and Track Labour<br>Main-d'œuvre pour voies et abords | Paving<br>Pavage | Miscellaneous Roadway and Track Expenses<br>Diverses dépenses pour voies et abords | Cleaning and Sanding Tracks<br>Nettoyage et ensablement de la voie | Removal of Snow, Ice and Sand<br>Enlèvement de la neige, glace et sable | No. —<br>N <sup>o</sup> |
|--|----------------------------------|---|---|------------------|--|--|---|-------------------------|
| \$ cts.  | \$ cts.                          | \$ cts.   | \$ cts.   | \$ cts.          | \$ cts.  | \$ cts.  | \$ cts.   |                         |
|  |                                  |   |   |                  | 175 21   | 345 50   | 464 16  | 1                       |
|  |                                  |   |   |                  | 27,341 72  |  | 1,509 88  | 2                       |
|  |                                  |   | 5,276 70  |                  |  |  | 117 92  | 3                       |
| 2,756 19   | 2,745 19                         | 4,590 73  | 128,985 06  | 10,963 14        | 5,287 81   | 12,883 03  | 4,024 06  | 4                       |
|  | 866 93                           |   |   |                  | 1,896 85   |  | 627 70  | 5                       |
|  |                                  |   | 9,208 46  |                  | 2,740 00   | 4,617 65   | 3,722 55  | 6                       |
|  |                                  |   |   |                  |  |  |   | 7                       |
| 630 85   | 318 16                           |   | 19,093 80   | 47 97            | 928 71   | 1,150 39   | 3,454 91  | 8                       |
| 2 30   | 250 68                           |   | 9,418 50  | 137 80           | 152 26   |  | 28 25   | 9                       |
|  | 1,000 00                         |   | 2,121 39  |                  |  | 100 00   | 539 22  | 10                      |
| 389 50   | 5 09                             |   | 6,565 99  | 2,791 96         | 619 24   | 5,936 30   | 2,728 54  | 11                      |
|  |                                  |   | 7,405 76  | 1,684 48         |  |  | 2,972 23  | 12                      |
| 2,932 58   | 100 51                           |   | 23,280 33   | 4,951 41         | 444 80   | 262 65   | 930 90  | 13                      |
|  |                                  |   |   |                  | 6,376 70   |  |   | 14                      |
|  |                                  |   |   |                  | 17,667 87  |  | 1,203 75  | 15                      |
|  |                                  |   |   |                  | 22,899 39  |  | 782 11  | 16                      |
|  |                                  |   |   |                  | 23,483 50  |  | 1,741 19  | 17                      |
|  |                                  |   |   |                  | 33,980 70  |  | 3,346 21  | 18                      |
|  |                                  |   |   |                  | 16,478 49  |  |   | 19                      |
|  |                                  |   |   |                  | 3,262 68   |  | 413 61  | 20                      |
|  |                                  |   | 13,590 99   |                  |  |  | 1,146 79  | 21                      |
|  |                                  |   | 1,805 37  |                  |  |  | 25 29   | 22                      |
| 435 25   | 1 25                             |   | 41,729 02   | 16 50            | 281 95   | 0 32   | 66 95   | 23                      |
| 691 93   |                                  |   | 3,437 55  |                  | 313 15   | 1,079 40   | 1,925 86  | 24                      |
|  |                                  |   | 2,768 86  |                  |  | 1,681 50   | 7,549 80  | 25                      |
| 972 82   | 210 67                           |   | 16,350 85   |                  | 1,846 86   | 297 68   | 749 04  | 26                      |
| 560 40   | 2,939 68                         |   | 22,752 73   | 940 30           | 1,954 90   |  | 149 61  | 27                      |
| 35 02  |                                  |   | 1,044 08  |                  | 50 57  |  |   | 28                      |
| 50,977 29  | 27,117 93                        |   | 219,096 72  | 24,519 89        |  | 84,247 20  | 242,676 18  | 29                      |
| 730 47   | 83 84                            |   | 28,377 23   | 268 40           | 658 34   | 807 23   | 342 53  | 30                      |
|  |                                  |   | 7,142 65  |                  |  |  | 1,223 47  | 31                      |
|  |                                  |   | 21,109 27   |                  |  |  | 15,185 89   | 32                      |
| 404 60   | Cr. 2 27                         |   | 12,731 53   | 133 26           | 797 14   | 887 06   | 798 35  | 33                      |
| 6,656 92   |                                  |   | 76,914 84   | 10,391 66        |  |  | 648 57  | 34                      |
|  |                                  |   |   |                  | 270 92   |  | 29 17   | 35                      |
| 187 03   | 1,008 63                         |   | 8,754 30  |                  | 131 30   | 31 60  | 3,399 58  | 36                      |
| 757 46   | 1,609 71                         |   | 10,827 70   | 5,087 69         | 1,810 40   | 8,021 53   | 776 48  | 37                      |
|  |                                  |   |   |                  | 2,418 02   |  |   | 38                      |
| 443 76   | 950 70                           |   | 5,427 82  | 1,563 84         | 331 72   | 165 80   | 477 69  | 39                      |
|  | 3,402 27                         |   | 10,743 05   |                  | 2,234 39   | 1,984 36   | 22,160 02   | 40                      |
| 525 93   |                                  |   | 6,097 39  |                  | 583 47   |  |   | 41                      |
|  |                                  |   | 5,861 33  |                  | 925 89   | 1,116 09   | 343 99  | 42                      |
|  |                                  |   | 8,465 04  |                  |  | 15 66  | 1,218 17  | 43                      |
| 782 07   | 1,684 02                         |   | 188 20  | 9,070 54         | 1,622 93   | 7,195 57   | 24,903 91   | 44                      |
|  |                                  |   |   |                  |  |  |   | 45                      |
|  |                                  |   | 10,451 60   |                  |  |  |   | 46                      |
|  |                                  |   |   |                  |  |  |   | 47                      |
|  |                                  |   | 7,144 73  |                  | 1,807 32   |  |   | 48                      |
| 100 00   |                                  |   | 6,963 81  |                  |  | 550 00   |   | 49                      |
|  |                                  |   | 8,351 72  |                  | 111 18   | 2,130 25   | 371 25  | 50                      |
| 314 00   |                                  |   |   |                  | 7,095 00   |  |   | 51                      |
|  |                                  |   | 6,026 02  |                  |  | 780 00   | 777 53  | 52                      |
|  |                                  |   | 57 11   |                  |  |  | 9 99  | 53                      |
|  |                                  |   | 2,234 40  |                  |  |  | 416 32  | 54                      |

II GEORGE V, A. 1921

TABLE 4—Summary of Operating Expenses  
 TABLEAU 4—Sommaire des frais d'exploitation

| No.<br>N <sup>o</sup> | Name of Railway<br>Nom du tramway              | Maintenance, Way and Structures      |           |                        |            |
|-----------------------|--|--------------------------------------|-----------|------------------------|------------|
|                       |  | Superin-<br>tendence<br>—<br>Gestion | Ballast   | Ties<br>—<br>Traverses | Rails      |
|                       |  | \$ cts.                              | \$ cts.   | \$ cts.                | \$ cts.    |
| 55                    | Suburban Rapid Transit Co.....                 | 17 20                                |           |                        |            |
| 56                    | Three Rivers Traction Co.....                  |                                      |           |                        |            |
| 57                    | Toronto.....                                   | 11,646 35                            |           | 3,330 43               | 1,297 01   |
| 58                    | Toronto Civic.....                             |                                      |           |                        |            |
| 59                    | Toronto Suburban.....                          | 6,559 09                             | 186 76    | 2,590 30               | 805 64     |
| 60                    | Toronto and York Radial.....                   | 3,730 93                             | 693 89    | 4,923 43               | 4,301 21   |
| 61                    | Waterloo, Wellington Rly. Co.....              |                                      |           |                        |            |
| 62                    | Windsor, Essex and Lake Shore Radial Rly. Co.. | 709 65                               |           |                        |            |
| 63                    | Winnipeg.....                                  | 6,877 42                             | 4,022 68  | 11,131 03              | 36,299 04  |
| 64                    | Winnipeg, Selkirk and Lake Winnipeg.....       | 755 00                               |           |                        |            |
| 65                    | Woodstock, Thames Valley and Ingersoll.....    |                                      |           |                        |            |
| 66                    | Yarmouth Light and Power Co.....               |                                      |           |                        |            |
| Totals.....           |  | 91,160 57                            | 22,648 74 | 142,256 28             | 111,142 63 |

SESSIONAL PAPER No. 02b

for the year ending December 31, 1919—Continued

pour l'année terminée le 31 décembre 1919—suite

| —Entretien des voies et ouvrages  |                                       |   |  |                       |   |   |  | No.<br>—<br>N <sup>o</sup> |
|---|---------------------------------------|---|--|-----------------------|---|---|--|----------------------------|
| Rail Fastenings and Joints<br>—<br>Plaques d'accouplement et tire-fonds | Special Work<br>—<br>Travaux spéciaux | Underground Construction<br>—<br>Constructions souterraines | Roadway and Track Labour<br>—<br>Main-d'œuvre pour voies et abords | Paving<br>—<br>Pavage | Miscellaneous Roadway and Track Expenses<br>—<br>Diverses dépenses pour voies et abords | Cleaning and Sanding Tracks<br>—<br>Nettoyage et ensablement de la voie | Removal of Snow, Ice and Sand<br>—<br>Enlèvement de la neige, glace et sable |                            |
| \$ cts.   | \$ cts.                               | \$ cts.   | \$ cts.  | \$ cts.               | \$ cts.   | \$ cts.   | \$ cts.  |                            |
|   |                                       |   | 6,194 67   |                       |   | 691 63  | 816 30   | 55                         |
|   |                                       |   | 5,966 16   |                       | 1,361 59  | 3,161 12  | 3,662 44   | 56                         |
| 5,277 42  | 55,230 54                             |   | 104,739 82   | 99,834 16             | 3,720 44  | 7,250 48  | 6,386 75   | 57                         |
| 44 17   | 4 62                                  |   | 4,035 12   | 1,118 26              |   | 1,380 56  | 195 90   | 58                         |
| 738 80  | 448 13                                |   | 30,349 10  |                       | 977 13  | 9,916 88  | 1,608 46   | 59                         |
| 3,658 09  | 4,581 53                              |   | 43,747 17  |                       | 2,342 78  | 12,484 37   | 4,223 21   | 60                         |
|   |                                       |   |  |                       | 823 53  |   | 73 36  | 61                         |
|   |                                       |   | 26,178 61  |                       |   |   |  | 62                         |
| 10,293 22   | 25,160 64                             |   | 18,002 35  | 24,582 27             | 2,282 42  | 16,764 43   | 5,838 83   | 63                         |
|   |                                       |   |  |                       | 16,586 67   | 50 17   |  | 64                         |
|   |                                       |   | 1,467 69   |                       | 1,311 81  |   |  | 65                         |
|   |                                       |   | 14 95  |                       |   |   |  | 66                         |
| 91,298 07   | 129,718 45                            | 4,590 73  | 1,018,497 54   | 198,103 53            | 218,387 75  | 187,986 41  | 378,784 87   |                            |

II GEORGE V, A. 1921

TABLE 4—Summary of Operating Expenses  
TABLEAU 4—Sommaire des frais d'exploitation

| No.<br>N <sup>o</sup> | Name of Railway<br>Nom du tramway   | Maintenance, Way and Structures |   |   |  |
|-----------------------|---|---------------------------------|---|---|--|
|                       |   | Tunnels                         | Bridges,<br>Trestles<br>and<br>Culverts<br>—<br>Ponts,<br>croisillons<br>et<br>ponceaux | Crossings,<br>Fences,<br>Cattle<br>Guards<br>and Signs<br>—<br>Traverses,<br>clôtures,<br>obstacles à<br>bestiaux et<br>enseignes | Signal<br>and<br>Interlocking<br>Systems<br>—<br>Signaux<br>et<br>aiguillage<br>à enclen-<br>chement |
|                       |   | \$ cts.                         | \$ cts.   | \$ cts.   | \$ cts.  |
| 1                     | Brandon Municipal .....   |                                 |   |   | 65 15  |
| 2                     | Brantford and Hamilton .....  |                                 |   |   |  |
| 3                     | Brantford Municipal .....   |                                 |   |   |  |
| 4                     | British Columbia .....  |                                 | 7,148 29  | 4,753 83  | 1,520 31   |
| 5                     | Calais Street .....   |                                 | 2,546,04  | 1,017 00  |  |
| 6                     | Calgary Municipal .....   |                                 |   |   |  |
| 7                     | Canadian Resources Development Co. ....                                     |                                 |   |   |  |
| 8                     | Cape Breton .....   |                                 | 999 91  | 1,106 02  | 143 45   |
| 9                     | Chatham, Wallaceburg and Lake Erie .....                                    | 26 11                           | 958 35  | 227 87  | 1,788 89   |
| 10                    | Cornwall Street Railway, Light and Power Co. ....                           |                                 |   |   |  |
| 11                    | Edmonton Radial .....   |                                 | 68 07   | 716 35  | 77 54  |
| 12                    | Fort William .....  |                                 |   |   |  |
| 13                    | Grand River .....   |                                 | 754 98  | 1,396 15  | 197 00   |
| 14                    | Guelph Radial .....   |                                 |   |   |  |
| 15                    | Hamilton and Dundas Street .....  |                                 |   |   |  |
| 16                    | Hamilton, Grimsby and Beamsville .....                                      |                                 |   |   |  |
| 17                    | Hamilton Radial .....   |                                 |   |   |  |
| 18                    | Hamilton Street .....   |                                 |   |   |  |
| 19                    | Hull Electric Co. ....  |                                 |   |   |  |
| 20                    | International Transit Co. ....  |                                 |   |   |  |
| 21                    | Kingston, Portsmouth and Cataraqui .....                                    |                                 |   |   |  |
| 22                    | Kitchener and Waterloo Street .....   |                                 |   |   | 712 41   |
| 23                    | Lake Erie and Northern .....  |                                 | 826 62  | 2,302 52  | 565 14   |
| 24                    | Lethbridge Municipal .....  |                                 |   |   |  |
| 25                    | Levis County .....  |                                 |   |   |  |
| 26                    | London and Port Stanley .....   |                                 | 2,037 59  | 8,265 61  | 1,083 00   |
| 27                    | London Street .....   |                                 |   |   |  |
| 28                    | Moncton Tramways, Electricity and Gas Co. ....                              |                                 |   |   |  |
| 29                    | Montreal Tramways .....   |                                 |   |   |  |
| 30                    | Montreal and Southern Counties .....  |                                 | 51 49   | 533 92  | 354 56   |
| 31                    | Moosejaw .....  |                                 |   |   |  |
| 32                    | New Brunswick Power Co. ....  |                                 |   | 2 70  |  |
| 33                    | Niagara Falls Park and River division of the<br>International Railway ..... |                                 | 3,390 73  | Cr. 93 79   |  |
| 34                    | Niagara, St. Catharines and Toronto .....                                   |                                 | 16,814 23   | 4,562 20  | 1,295 51   |
| 35                    | Niagara, Welland and Lake Erie .....  |                                 |   |   |  |
| 36                    | Nipissing Central .....   |                                 | 292 44  | 63 03   |  |
| 37                    | Nova Scotia Tramways and Power Co. ....                                     |                                 |   |   | 32 39  |
| 38                    | Nelson Municipal .....  |                                 |   |   |  |
| 39                    | Oshawa .....  |                                 |   | 188 12  |  |
| 40                    | Ottawa .....  |                                 | 316 53  |   |  |
| 41                    | Peterborough Radial .....   |                                 | 12 50   |   | 294 19   |
| 42                    | Pictou County Electric Co. ....   |                                 |   | 10 21   | 96 23  |
| 43                    | Port Arthur Civic .....   |                                 |   |   |  |
| 44                    | Quebec Railway, Light and Power (Citadel) .....                             |                                 | 251 83  | 963 76  | 134 61   |
| 45                    | Quebec Railway, Light and Power (Montmo-<br>rency) .....                    |                                 |   |   |  |
| 46                    | Regina Municipal .....  |                                 |   |   |  |
| 47                    | Sandwich, Windsor and Amherstburg .....                                     |                                 |   |   |  |
| 48                    | Sarnia Street .....   |                                 |   |   |  |
| 49                    | Saskatoon Municipal .....   |                                 |   |   | 32 50  |
| 50                    | Schomberg and Aurora .....  |                                 | 1,101 01  | 285 12  |  |
| 51                    | Shawinigan Falls Terminal .....   |                                 |   |   |  |
| 52                    | Sherbrooke Railway and Power Co. ....                                       |                                 |   |   |  |
| 53                    | St. Thomas Municipal .....  |                                 |   |   |  |



II GEORGE V, A. 1921

TABLE 4—Summary of Operating Expenses  
 TABLEAU 4—Sommaire des frais d'exploitation

| No.<br>N <sup>o</sup> | Name of Railway<br>—<br>Nom du tramway                 | Maintenance, Way and Structures |   |   |  |
|-----------------------|--|---------------------------------|---|---|--|
|                       |  | Tunnels                         | Bridges,<br>Trestles<br>and<br>Culverts<br>—<br>Ponts,<br>croisillons<br>et<br>ponceaux | Crossings,<br>Fences,<br>Cattle<br>Guards<br>and Signs<br>—<br>Traverses,<br>clôtures,<br>obstacles à<br>bestiaux et<br>enseignes | Signal<br>and<br>Interlocking<br>Systems<br>—<br>Signaux<br>et<br>aiguillage<br>à enclen-<br>chement |
|                       |  | \$ cts.                         | \$ cts.   | \$ cts.   | \$ cts.  |
| 54                    | Sudbury, Copper Cliff Suburban.....                    |                                 |   | 26 25   |  |
| 55                    | Suburban Rapid Transit Co.....                         |                                 |   |   |  |
| 56                    | Three Rivers Traction Co.....                          |                                 |   |   |  |
| 57                    | Toronto.....   |                                 |   |   |  |
| 58                    | Toronto Civic.....                                     |                                 |   |   |  |
| 59                    | Toronto Suburban.....                                  |                                 | 911 57  | 1,544 24  | 177 12   |
| 60                    | Toronto and York Radial.....                           |                                 | 2,610 78  | 378 66  | 688 12   |
| 61                    | Waterloo, Wellington Railway Co.....                   |                                 |   |   |  |
| 62                    | Windsor, Essex and Lake Shore Rapid Railway<br>Co..... | 1,940 61                        |   | 958 41  | 750 00   |
| 63                    | Winnipeg.....  |                                 |   |   |  |
| 64                    | Winnipeg, Selkirk and Lake Winnipeg.....               |                                 | 80 82   |   |  |
| 65                    | Woodstock, Thames Valley and Ingersoll.....            |                                 |   |   |  |
| 66                    | Yarmouth Light and Power Co.....                       |                                 |   |   |  |
|                       | Totals.....  | 1,966 72                        | 41,173 78   | 29,208 18   | 10,008 12  |



## SESSIONAL PAPER No. 20b

for the year ending December 31, 1919—Continued

pour l'année terminée le 31 décembre 1919—suite

| —Entretien des voies et ouvrages  |   |  |   |  |  |   | No.<br>—<br>N <sup>o</sup> |
|---|---|--|---|--|--|---|----------------------------|
| Telephone<br>and<br>Telegraph<br>Systems<br>—<br>Réseaux de<br>téléphone<br>et de<br>télégraphe | Other<br>miscel-<br>laneous<br>Way<br>Expenses<br>—<br>Diverses<br>autres<br>dépenses<br>de la<br>ligne | Poles<br>and<br>Fixtures<br>—<br>Poteaux et<br>accessoires | Underground<br>Conduits<br>—<br>Conduits<br>souterrains | Transmission<br>System<br>—<br>Réseau de<br>transmission | Distribution<br>System<br>—<br>Réseau de<br>distribution | Miscellaneous<br>Electric Line<br>Expenses<br>—<br>Dépenses<br>diverses<br>de ligne<br>électrique |                            |
| \$ cts.   | \$ cts.   | \$ cts.  | \$ cts.   | \$ cts.  | \$ cts.  | \$ cts.   |                            |
|   | 6 79  |  |   | 63 82  | 72 00  | 8 90  | 54                         |
|   |   | 349 91   |   |  | 1,340 31   |   | 55                         |
|   |   |  |   | 73,880 87  |  |   | 56                         |
|   |   |  |   |  | 2,903 96   |   | 57                         |
| 22 39   |   | 1,108 98   |   |  | 14,951 22  |   | 58                         |
| 858 69  | 377 45  |  |   |  | 5,594 65   |   | 59                         |
| 1,841 25  |   | 3,046 35   |   | 529 30   |  | 7,909 48  | 60                         |
|   |   |  |   |  |  |   | 61                         |
|   |   |  |   |  |  |   | 62                         |
| 769 63  | 1,465 99  |  | 41 16   | 4,711 85   | 37,110 09  | 610 13  | 63                         |
|   | 2 69  | 114 97   |   | 38 06  | 418 85   | 17 33   | 64                         |
|   |   |  |   | 29 31  | 102 52   |   | 65                         |
|   |   |  |   |  |  |   | 66                         |
| 9,611 69  | 42,755 36   | 19,989 88  | 940 04  | 98,560 59  | 255,807 34   | 156,698 46  |                            |

TABLE 4—Summary of Operating Expenses  
TABLEAU 4—Sommaire des frais d'exploitation

| No.<br>N <sup>o</sup> | Name of Railway<br>—<br>Nom du tramway                                  | Maintenance of Way and Structures<br>—<br>Entretien des voies et ouvrages. |   |   |  |
|-----------------------|---|--|---|---|--|
|                       |   | Buildings<br>and<br>Structures<br>—<br>Bâtiments<br>et<br>ouvrages         | Other<br>Opera-<br>tions<br>Dr.<br>—<br>Autres<br>exploit-<br>ations<br>Dt. | Other<br>Opera-<br>tions<br>Cr.<br>—<br>Autres<br>exploit-<br>ations<br>Av. | Total<br>Way<br>and<br>Structures<br>—<br>Total,<br>voies et<br>ouvrages |
|                       |   | \$ cts.  | \$ cts.   | \$ cts.   | \$ cts.  |
| 1                     | Brandon Municipal.....  |  |   |   | 1,192 44   |
| 2                     | Brantford and Hamilton.....   | 353 31   |   |   | 33,147 30  |
| 3                     | Brantford Municipal.....  | 1,125 88   |   |   | 7,582 37   |
| 4                     | British Columbia.....   | 1,551 71   | 834 77  |   | 303,648 81   |
| 5                     | Calais Street.....  | 59 25  |   |   | 7,187 14   |
| 6                     | Calgary Municipal.....  | 1,489 37   |   |   | 31,365 28  |
| 7                     | Canadian Resources Development Co.....                                  |  |   |   |  |
| 8                     | Cape Breton.....  | 2,152 18   |   |   | 48,580 41  |
| 9                     | Chatham, Wallaceburg and Lake Erie.....                                 | 1,251 44   |   |   | 17,143 52  |
| 10                    | Cornwall Street Railway, Light and Power Co.....                        | 79 20  |   |   | 4,691 03   |
| 11                    | Edmonton Radial.....  | 774 71   |   |   | 26,717 91  |
| 12                    | Fort William.....   |  |   |   | 14,028 50  |
| 13                    | Grand River.....  | 1,388 58   |   |   | 79,161 86  |
| 14                    | Guelph Radial.....  | 142 00   |   |   | 9,513 42   |
| 15                    | Hamilton and Dundas Street.....   | 148 70   |   |   | 20,500 37  |
| 16                    | Hamilton, Grimsby and Beamsville.....                                   | 379 39   |   |   | 29,570 43  |
| 17                    | Hamilton Radial.....  | 267 31   |   |   | 29,370 01  |
| 18                    | Hamilton Street.....  | 470 56   |   |   | 52,305 47  |
| 19                    | Hull Electric Co.....   | 182 90   |   |   | 24,813 46  |
| 20                    | International Transit Co.....   | 117 37   |   |   | 4,858 10   |
| 21                    | Kingston, Portsmouth and Cataract.....                                  | 364 36   |   |   | 15,676 43  |
| 22                    | Kitchener and Waterloo Street.....                                      | 4 95   |   |   | 6,900 71   |
| 23                    | Lake Erie and Northern.....   | 2,230 83   |   |   | 63,806 76  |
| 24                    | Lethbridge Municipal.....   | 141 53   |   |   | 12,279 37  |
| 25                    | Levis County.....   | 752 07   |   |   | 26,299 05  |
| 26                    | London and Port Stanley.....  | 35,619 57  |   |   | 79,341 29  |
| 27                    | London Street.....  | 2,932 63   |   |   | 44,531 64  |
| 28                    | Moncton Tramways, Electricity and Gas Co.....                           | 392 16   |   |   | 1,624 34   |
| 29                    | Montreal.....   | 66,651 57  |   |   | 819,931 99   |
| 30                    | Montreal and Southern Counties.....                                     | 2,867 77   |   |   | 55,403 83  |
| 31                    | Moose Jaw.....  | 492 61   |   |   | 10,387 94  |
| 32                    | New Brunswick Power Co.....   | 290 27   |   |   | 46,413 64  |
| 33                    | Niagara Falls Park and River, division of<br>International Railway..... | 2,182 31   |   |   | 31,491 77  |
| 34                    | Niagara, St. Catharines and Toronto.....                                | 4,361 58   | 257 29  |   | 165,424 90   |
| 35                    | Niagara, Welland and Lake Erie.....                                     | 59 15  |   |   | 381 77   |
| 36                    | Nipissing Central.....  | 2,009 28   |   |   | 21,276 11  |
| 37                    | Nova Scotia Tramways and Power Co.....                                  | 2,356 10   |   |   | 55,203 96  |
| 38                    | Nelson Municipal.....   | 40 50  |   |   | 4,058 52   |
| 39                    | Oshawa.....   | 1,229 14   |   |   | 19,880 24  |
| 40                    | Ottawa.....   | 2,320 85   |   |   | 75,176 35  |
| 41                    | Peterborough Radial.....  | 168 39   |   |   | 9,839 57   |
| 42                    | Pictou County Electric Co.....  | 342 23   |   |   | 10,457 87  |
| 43                    | Port Arthur Civic.....  | 249 41   |   |   | 12,315 63  |
| 44                    | Quebec Railway, Light and Power (Citadel).....                          | 2,702 37   |   |   | 77,242 64  |
| 45                    | Quebec Railway, Light and Power (Mont-<br>morency).....                 |  |   |   | 5,777 99   |
| 46                    | Regina Municipal.....   | 288 77   |   |   | 14,332 45  |
| 47                    | Sandwich, Windsor and Amherstburg.....                                  | 817 33   |   |   | 50,227 09  |
| 48                    | Sarnia Street.....  | 247 82   |   |   | 20,078 06  |
| 49                    | Saskatoon Municipal.....  | 825 30   |   |   | 14,257 60  |
| 50                    | Schomberg and Aurora.....   | 1 75   |   |   | 17,009 57  |
| 51                    | Shawinigan Falls Terminal.....  |  |   |   | 12,219 00  |
| 52                    | Sherbrooke Railway and Power Co.....                                    | 25 51  |   |   | 11,695 24  |



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TABLE 4—Summary of Operating Expenses for  
TABLEAU 4—Sommaire des frais d'exploitation

| No.<br>N° | Name of Railway<br>—<br>Nom du tramway                 | Maintenance of Way and Structures                                  |   |   |  |
|-----------|--|--|---|---|--|
|           |  | Buildings<br>and<br>Structures<br>—<br>Bâtiments<br>et<br>ouvrages | Other<br>Operations<br>Dr.<br>—<br>Autres<br>exploit-<br>tations<br>Dt. | Other<br>Operations<br>Cr.<br>—<br>Autres<br>exploit-<br>tations<br>Av. | Total<br>Way<br>and<br>Structures<br>—<br>Total,<br>voies et<br>ouvrages |
|           |  | \$ cts.  | \$ cts.   | \$ cts.   | \$ cts.  |
| 53        | St. Thomas Municipal.....                              |  |   |   | 67 10  |
| 54        | Sudbury, Copper Cliff Suburban.....                    |  |   |   | 5,259 98   |
| 55        | Suburban Rapid Transit Co.....                         | 56 58  |   |   | 9,466 60   |
| 56        | Three Rivers Traction Co.....                          |  |   |   | 14,151 31  |
| 57        | Toronto.....   | 36,550 73  |   |   | 409,145 00   |
| 58        | Toronto Civic.....                                     | 2,855 60   |   |   | 13,669 56  |
| 59        | Toronto Suburban.....                                  | 1,529 96   |   |   | 74,530 54  |
| 60        | Toronto and York Radial.....                           | 7,345 32   |   |   | 106,721 04   |
| 61        | Waterloo, Wellington Railway Co.....                   |  |   |   | 896 89   |
| 62        | Windsor, Essex and Lake Shore Rapid Railway<br>Co..... | 792 39   |   |   | 35,590 13  |
| 63        | Winnipeg.....  | 13,723 68  |   |   | 223,335 88   |
| 64        | Winnipeg, Selkirk and Lake Winnipeg.....               | 153 92   |   |   | 18,137 66  |
| 65        | Woodstock, Thames Valley and Ingersoll.....            |  |   |   | 2,860 32   |
| 66        | Yarmouth Light and Power Co.....                       | 6 43   |   |   | 153 21   |
|           | Totals.....  | 207,918 58   | 1,092 06  |   | 3,470,306 37   |

## SESSIONAL PAPER No. 20b

the year ending December 31, 1919—Continued

pour l'année terminée le 31 décembre 1919—suite

| Maintenance of Equipment<br>Entretien du matériel |   |   |  |  |             |   |  | No.<br>—<br>N° |
|---|---|---|--|--|-------------|---|--|----------------|
| Superintendence<br>Gestion.                       | Power Plant Equipment<br>Machinerie de l'usine de force motrice | Sub-station Equipment<br>Machinerie des sous-stations | Passenger and Combination Cars<br>Voitures à voyageurs et mixtes | Freight, Express and Mail Cars<br>Voitures à marchandises, messagerie et poste | Locomotives | Service Cars<br>Voitures de réparations | Electric Equipment of Cars<br>Moteurs des voitures |                |
| \$ cts.   | \$ cts.   | \$ cts.   | \$ cts.  | \$ cts.  | \$ cts.     | \$ cts.                                 | \$ cts.  |                |
|   |   |   | 3,842 91   | 84 85  |             |   |  | 53             |
|   |   |   | 5,414 18   |  |             |   |  | 54             |
|   |   | 495 55  |  |  |             |   |  | 55             |
|   |   |   | 10,502 99  |  |             |   | 1,915 36   | 56             |
| 38,921 94   | 4,444 67  | 17,727 76   | 402,232 38   |  |             |   | 300,071 71   | 57             |
| 2,118 56  |   |   | 22,124 90  |  |             | 378 09                                  | 6,573 04   | 58             |
| 3,645 88  | 2 14  |   | 25,711 99  | 322 52   | 502 32      | 896 00                                  | 14,079 14  | 59             |
|   |   | 4,551 80  | 58,493 42  | 26,654 38  |             |   | 44,887 17  | 60             |
|   |   |   | 1,572 28   |  |             |   |  | 61             |
| 1,344 02  | 2,598 27  |   |  | 10,360 39  |             |   | 6,217 71   | 62             |
| 9,359 28  | 11,908 95   | 8,486 28  | 149,289 81   |  |             | 1,890 85                                | 64,416 39  | 63             |
| 1,623 60  |   | 1,867 42  |  | 8,736 11   |             |   | 4,437 54   | 64             |
|   | 138 06  |   | 2,908 03   |  |             |   |  | 65             |
|   | 245 75  | 820 13  |  |  |             |   | 1,425 53   | 66             |
| 105,881 22  | 110,581 10  | 79,459 56   | 2,390,005 81   | 140,003 33   | 44,065 48   | 26,378 68                               | 1,433,691 37                                       |                |

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TABLE 4—Summary of Operating Expenses for  
TABLEAU 4—Sommaire des frais d'exploitation

| No.<br>N° | Name of Railway<br>Nom du tramway  | Maintenance of Equipment                     |  |                             |                            |
|-----------|--|--|--|-----------------------------|----------------------------|
|           |  | Electric<br>Equipment<br>of<br>Locomotives   | Shop<br>machinery<br>and<br>Tools                | Shop<br>Expenses            | Horses<br>and<br>Vehicles  |
|           |  | Matériel<br>électrique<br>des<br>locomotives | Machinerie<br>et<br>outillage<br>des<br>ateliers | Dépenses<br>des<br>ateliers | Chevaux<br>et<br>véhicules |
|           |  | \$ cts.                                      | \$ cts.  | \$ cts.                     | \$ cts.                    |
| 1         | Brandon Municipal.....   |  |  | 1 00                        |                            |
| 2         | Brantford and Hamilton.....  | 6,560 44                                     |  |                             |                            |
| 3         | Brantford Municipal.....   |  |  |                             | 140 78                     |
| 4         | British Columbia.....  | 4,176 57                                     | 2,350 61   | 11,942 28                   | 1,099 44                   |
| 5         | Calais Street.....   |  |  |                             |                            |
| 6         | Calgary Municipal.....   |  |  | 6,454 54                    |                            |
| 7         | Canadian Resources Development Co  |  |  |                             |                            |
| 8         | Cape Breton.....   |  | 517 08   | 625 22                      | 2 43                       |
| 9         | Chatham, Wallaceburg and Lake Erie.....                                  | 1,701 82                                     | 61 19  | 254 23                      |                            |
| 10        | Cornwall Street Railway, Light and Power Co.                             | 731 55                                       |  |                             |                            |
| 11        | Edmonton Radial.....   |  | 412 60   | 4,164 56                    |                            |
| 12        | Fort William.....  |  | 253 13   | 2,359 56                    |                            |
| 13        | Grand River.....   |  | 1,369 49   | 1,138 92                    |                            |
| 14        | Guelph Radial.....   | 9,073 78                                     |  |                             |                            |
| 15        | Hamilton and Dundas Street.....  |  |  |                             |                            |
| 16        | Hamilton, Grimsby and Beamsville.....                                    |  |  |                             |                            |
| 17        | Hamilton Radial.....   |  |  |                             |                            |
| 18        | Hamilton Street.....   |  |  |                             |                            |
| 19        | Hull Electric Co.....  |  |  | 5,402 96                    |                            |
| 20        | International Transit Co.....  |  |  | 1,171 40                    |                            |
| 21        | Kingston, Portsmouth and Cataraqui.....                                  |  |  | 234 35                      |                            |
| 22        | Kitchener and Waterloo Street.....                                       |  | 255 71   | 546 07                      | 407 62                     |
| 23        | Lake Erie Northern.....  | 1,828 62                                     | 0 54   | 220 55                      |                            |
| 24        | Lethbridge Municipal.....  |  | 630 99   |                             |                            |
| 25        | Levis County.....  |  |  | 3,552 58                    |                            |
| 26        | London and Port Stanley.....   |  | 175 04   | 5,098 22                    |                            |
| 27        | London Street.....   |  |  |                             |                            |
| 28        | Moncton Tramways, Electricity and Gas Co.....                            |  |  | 364 17                      |                            |
| 29        | Montreal Tramways.....   |  |  | 76,201 58                   |                            |
| 30        | Montreal and Southern Counties.....                                      | 8,485 86                                     | 364 71   | 1,167 94                    | 2,503 59                   |
| 31        | Moosejaw.....  |  |  |                             |                            |
| 32        | New Brunswick Power Co.....  |  |  |                             |                            |
| 33        | Niagara Falls Park and River division of Inter-<br>national Railway..... |  |  | 12 50                       | 25 97                      |
| 34        | Niagara, St. Catharines and Toronto.....                                 |  | 4,392 30   |                             |                            |
| 35        | Niagara, Welland and Lake Erie.....                                      |  | 65 87  |                             |                            |
| 36        | Nipissing Central.....   |  | 197 48   | 373 29                      |                            |
| 37        | Nova Scotia Tramways and Power Co.....                                   |  | 314 82   | 2,599 28                    |                            |
| 38        | Nelson Municipal.....  |  |  |                             |                            |
| 39        | Oshawa.....  | 2,609 58                                     | 273 95   | 209 78                      | 175 40                     |
| 40        | Ottawa.....  |  | 686 96   |                             | 3,704 87                   |
| 41        | Peterborough Radial.....   |  | 14 90  |                             |                            |
| 42        | Pictou County Electric Co.....   |  | 89 68  |                             |                            |
| 43        | Port Arthur Civic.....   |  |  | 453 98                      |                            |
| 44        | Quebec Railway, Light and Power (Citadel)                                |  |  |                             |                            |
| 45        | Quebec Railway, Light and Power (Montmo-<br>rency).....                  | 588 07                                       |  |                             |                            |
| 46        | Regina Municipal.....  |  |  | 4,059 66                    |                            |
| 47        | Sandwich, Windsor and Amherstburg.....                                   |  |  | 194 88                      |                            |
| 48        | Sarnia Street.....   |  |  | 173 76                      | 1,108 45                   |
| 49        | Saskatoon Municipal.....   |  | 125 00   | 3,603 70                    |                            |
| 50        | Schomberg and Aurora.....  |  | 15 71  |                             |                            |
| 51        | Shawinigan Falls Terminal.....   |  |  |                             |                            |
| 52        | Sherbrooke Railway and Power Co.....                                     |  |  | 385 85                      |                            |
| 53        | St. Thomas Municipal.....  |  |  | 308 08                      |                            |
| 54        | Sudbury, Coppercliff, Suburban.....                                      |  |  | 1,050 51                    |                            |

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the year ending December 31, 1919—Continued

pour l'année terminée le 31 décembre 1919—suite

| —Entretien du matériel  |  |   |   | Traffic Expenses—Dépenses du trafic                                      |                               |  |  | No.<br>—<br>N° |
|---|--|---|---|--|-------------------------------|--|--|----------------|
| Other miscellaneous Equipment Expenses<br>—<br>Autres dépenses pour le matériel | Other Operations Dr.<br>—<br>Autres exploitations Dt | Other Operations Cr.<br>—<br>Autres exploitations Av. | Total Maintenance of Equipment<br>—<br>Total, entretien du matériel | Superintendence and Solicitation<br>—<br>Administration et sollicitation | Advertising<br>—<br>Publicité | Miscellaneous Traffic Expenses<br>—<br>Dépenses diverses du trafic | Total Traffic Expenses<br>—<br>Total, dépenses du trafic |                |
| \$ cts.   | 6 cts.   | \$ cts.   | \$ cts.   | \$ cts.  | \$ cts.                       | \$ cts.  | \$ cts.  |                |
| 45 92   |  |   | 681 41  |  |                               | 50 16  | 50 16  | 1              |
|   |  |   | 18,171 05   |  | 95 82                         |  | 95 82  | 2              |
|   |  |   | 6,174 15  |  | 369 36                        |  | 369 36   | 3              |
| 1,211 37  |  |   | 265,204 02  |  | 6,554 10                      | 200 80   | 6,754 90   | 4              |
| 345 57  |  |   | 1,951 18  |  |                               |  |  | 5              |
| 646 84  |  |   | 109,687 73  |  | 2,956 42                      | 436 60   | 3,393 02   | 6              |
|   | 6,659 46   |   | 41,984 10   | 461 94   | 434 90                        |  | 986 84   | 7              |
|   |  |   | 10,966 61   |  | 45 29                         | 414 47   | 459 76   | 9              |
|   |  |   | 12,372 31   |  | 226 03                        |  | 226 03   | 10             |
|   |  |   | 94,102 41   | 2,353 14   | 997 64                        |  | 3,350 78   | 11             |
|   |  |   | 22,378 15   |  |                               |  |  | 12             |
| 14 79   |  |   | 25,575 24   | 3,142 32   | 239 84                        | 236 73   | 3,618 89   | 13             |
| 1,542 15  |  |   | 20,520 72   |  |                               | 1,122 00   | 1,122 00   | 14             |
|   |  |   | 2,272 40  |  | 93 50                         |  | 93 50  | 15             |
|   |  |   | 27,621 70   |  | 77 52                         |  | 77 52  | 16             |
|   |  |   | 20,348 52   |  | 305 38                        |  | 305 38   | 17             |
|   |  |   | 131,160 28  |  | 253 83                        |  | 253 83   | 18             |
|   |  |   | 41,114 08   |  | 144 88                        |  | 144 88   | 19             |
|   |  |   | 13,564 47   |  |                               |  |  | 20             |
|   |  |   | 234 35  |  | 153 65                        |  | 153 65   | 21             |
| 565 04  |  |   | 5,616 35  |  | 106 27                        |  | 106 27   | 22             |
| 14 79   |  |   | 13,883 67   | 3,237 76   | 61 23                         | 204 10   | 3,530 09   | 23             |
| 135 96  |  |   | 12,822 27   |  | 152 57                        |  | 152 57   | 24             |
|   |  |   | 27,594 37   | 4,888 43   | 447 00                        |  | 5,335 43   | 25             |
| 2 00  |  |   | 36,057 75   | 2,947 88   | 80,733 51                     | 1,002 60   | 84,683 99  | 26             |
| 5,877 40  |  |   | 57,452 73   |  |                               |  |  | 27             |
| 2,449 31  |  |   | 4,688 00  |  |                               |  |  | 28             |
|   |  |   | 1,526,747 86  |  |                               |  |  | 29             |
|   |  |   | 47,749 09   |  | 831 43                        | 0 60   | 832 03   | 30             |
|   |  |   | 4,812 33  |  |                               |  |  | 31             |
| 959 85  |  |   | 44,216 09   |  |                               | 1,090 41   | 1,090 41   | 32             |
|   |  |   | 1,610 81  | 1,655 02   | 596 96                        |  | 2,251 98   | 33             |
| 441 17  |  |   | 121,387 52  | 4,171 27   | 4,375 99                      | 1,001 09   | 9,548 35   | 34             |
|   |  |   | 4,511 26  |  |                               | 145 99   | 145 99   | 35             |
|   |  |   | 15,139 07   |  | 24 60                         |  | 24 60  | 36             |
|   | 7,018 06   |   | 90,167 51   |  | 465 40                        | 191 35   | 656 75   | 37             |
|   |  |   | 699 91  |  |                               |  |  | 38             |
|   |  |   | 6,791 54  |  |                               |  |  | 39             |
| 1,077 56  |  |   | 146,965 68  |  |                               | 344 09   | 344 09   | 40             |
| 644 71  |  |   | 10,869 24   |  |                               |  |  | 41             |
|   |  |   | 7,772 20  |  | 25 00                         | 139 00   | 164 00   | 42             |
| 84 43   |  |   | 20,078 03   | 4,153 75   | 50 30                         |  | 4,204 05   | 43             |
| 10,684 01   |  |   | 69,239 32   |  |                               | 9,437 45   | 9,437 45   | 44             |
|   |  |   | 16,588 07   |  |                               |  |  | 45             |
|   |  |   | 28,610 40   | 650 26   | 2,230 62                      |  | 2,880 88   | 46             |
|   |  |   | 30,156 74   |  | 3 00                          |  | 3 00   | 47             |
|   |  |   | 9,813 41  |  |                               |  |  | 48             |
| 100 00  |  |   | 25,202 28   |  |                               |  |  | 49             |
|   |  |   | 152 77  |  |                               |  |  | 50             |
|   |  |   | 8,437 00  |  |                               |  |  | 51             |
| 1,526 98  |  |   | 14,423 13   |  |                               |  |  | 52             |
|   |  |   | 4,235 84  |  | 6 40                          |  | 6 40   | 53             |
|   |  |   | 6,464 69  |  |                               |  |  | 54             |

II GEORGE V, A. 1921

TABLE 4—Summary of Operating Expenses for

TABLEAU 4—Sommaire des frais d'exploitation

| No.<br>N° | Name of Railway<br>—<br>Nom du tramway                 | Maintenance of Equipment  |  |  |  |
|-----------|--|---|--|--|--|
|           |  | Electric<br>Equipment<br>of<br>Locomotives<br>—<br>Matériel<br>électrique<br>des<br>locomotives | Shop<br>machinery<br>and<br>Tools<br>—<br>Machinerie<br>et<br>outillage<br>des<br>ateliers | Shop<br>Expenses<br>—<br>Dépenses<br>des<br>ateliers | Horses<br>and<br>Vehicles<br>—<br>Chevaux<br>et<br>véhicules |
|           |  | \$ cts.   | \$ cts.  | \$ cts.  | \$ cts.  |
| 55        | Suburban Rapid Transit Co.....                         |   |  |  |  |
| 56        | Three Rivers Traction Co.....                          |   |  | 383 61   |  |
| 57        | Toronto.....   |   | 14,166 39  | 28,993 75  | 47,656 32  |
| 58        | Toronto Civic.....                                     |   |  | 800 08   |  |
| 59        | Toronto Suburban.....                                  |   | 729 09   | 5,506 50   |  |
| 60        | Toronto and York Radial.....                           |   | 2,962 28   | 409 42   |  |
| 61        | Waterloo, Wellington Railway Co.....                   |   |  |  |  |
| 62        | Windsor, Essex and Lake Shore Rapid Railway<br>Co..... |   |  |  |  |
| 63        | Winnipeg.....  |   | 1,842 16   | 17,869 53  | 162 52   |
| 64        | Winnipeg, Selkirk and Lake Winnipeg.....               |   |  |  |  |
| 65        | Woodstock, Thames Valley and Ingersoll.....            |   |  |  |  |
| 66        | Yarmouth Light and Power Co.....                       |   |  |  |  |
|           | Totals.....  | 35,756 29   | 32,367 68  | 188,288 09   | 56,897 39  |



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the year ending December 31, 1919—Continued

pour l'année terminée le 31 décembre 1919—suite

| —Entretien du matériel  |  |   |   | Traffic Expenses—Dépenses du trafic   |                               |   |   | No.<br>—<br>No |
|---|--|---|---|---|-------------------------------|---|---|----------------|
| Other miscellaneous<br>Equipment<br>Expenses<br>—<br>Autres dépenses<br>pour le<br>matériel | Other<br>Operations<br>Dr.<br>—<br>Autres<br>exploitations<br>Dt | Other<br>Operations<br>Cr.<br>—<br>Autres<br>exploitations<br>Av. | Total<br>Maintenance<br>of<br>Equipment<br>—<br>Total,<br>entretien<br>du<br>matériel | Superintendence and<br>Solicitation<br>—<br>Adminis-<br>tration et<br>sollicitation | Advertising<br>—<br>Publicité | Miscel-<br>laneous<br>Traffic<br>Expenses<br>—<br>Dépenses<br>diverses<br>du trafic | Total<br>Total<br>Traffic<br>Expenses<br>—<br>Total,<br>dépenses<br>du trafic |                |
| \$ cts.   | 6 cts.   | \$ cts.   | \$ cts.   | \$ cts.   | \$ cts.                       | \$ cts.   | \$ cts.   |                |
| 17 88   |  |   | 513 43  |   |                               |   |   | 55             |
| 347 28  |  |   | 13,149 24   |   |                               | 83 00   | 83 00   | 56             |
| 26,029 27   |  |   | 880,244 19  |   | 6,289 43                      |   | 6,289 43  | 57             |
| 632 04  |  |   | 32,626 71   | 7,054 99  | 79 38                         |   | 7,134 37  | 58             |
| 2,209 47  |  |   | 53,605 05   | 1,633 50  | 149 50                        |   | 1,783 00  | 59             |
| 2,489 58  |  |   | 140,448 05  |   | 717 90                        |   | 717 90  | 60             |
|   |  |   | 1,572 28  |   |                               |   |   | 61             |
| 444 80  |  |   | 20,965 19   | 1,930 22  |                               |   | 1,930 22  | 62             |
| 9 14  |  |   | 265,234 91  |   | 2,527 32                      | 6,102 86  | 8,630 18  | 63             |
| 11 35   |  |   | 16,676 02   |   |                               |   |   | 64             |
|   |  |   | 3,046 09  |   |                               |   |   | 65             |
|   |  |   | 2,491 41  |   |                               |   |   | 66             |
| 60,560 66   | 13,677 52  |   | 4,717,614 18  | 38,280 48   | 112,904 97                    | 22,120 30   | 173,305 75  |                |

II GEORGE V, A. 1921

TABLE 4—Summary of Operating Expenses for  
TABLEAU 4—Sommaire des frais d'exploitation

| No.<br>No | Name of Railway<br>—<br>Nom du tramway                              | Conducting Transportation—Power—                                 |  |  |   |
|-----------|---|--|--|--|---|
|           |   | Superintendence of Transportation<br>—<br>Gestion des transports | Power-plant Employees<br>—<br>Employés de l'usine de force motrice | Sub-station Employees<br>—<br>Employés des sous-stations | Fuel for Power<br>—<br>Combustible pour force motrice |
|           |   | \$ cts.  | \$ cts.  | \$ cts.  | \$ cts.   |
| 1         | Brandon Municipal   |  |  |  |   |
| 2         | Brantford and Hamilton  | 2,017  | 19   | 6,430  | 25  |
| 3         | Brantford Municipal   |  |  |  |   |
| 4         | British Columbia  | 75,834   | 66   |  |   |
| 5         | Calais Street   |  | 2,968  | 25   | 418   |
| 6         | Calgary Municipal   | 7,628  | 63   |  |   |
| 7         | Canadian Resourees Development Co.                                  |  |  |  |   |
| 8         | Cape Breton   | 6,626  | 59   | 3,265  | 06  |
| 9         | Chatham, Wallaceburg and Lake Erie                                  |  | 7,193  | 48   | 51,436  |
| 10        | Cornwall Street Railway, Light and Power Co.                        |  | 967  | 58   | 140   |
| 11        | Edmonton Radial   | 9,466  | 64   |  |   |
| 12        | Fort William  |  |  |  |   |
| 13        | Grand River   | 2,236  | 46   | 3,669  | 90  |
| 14        | Guelph Radial   | 1,232  | 25   | 2,150  | 37  |
| 15        | Hamilton and Dundas Street  | 860  | 54   |  |   |
| 16        | Hamilton, Grimsby and Beamsville                                    | 1,693  | 50   | 6,308  | 97  |
| 17        | Hamilton Radial   | 2,726  | 78   |  |   |
| 18        | Hamilton Street   | 24,331   | 74   |  |   |
| 19        | Hull Electric Co.   | 2,120  | 00   |  |   |
| 20        | International Transit Co.   | 720  | 00   |  |   |
| 21        | Kingston, Portsmouth and Catarqui                                   |  |  |  |   |
| 22        | Kitchener and Waterloo Street                                       | 1,769  | 80   |  |   |
| 23        | Lake Erie and Northern  | 3,713  | 23   | 331  | 71  |
| 24        | Lethbridge Municipal  | 450  | 00   | 4,843  | 13  |
| 25        | Levis County  |  |  | 1,271  | 00  |
| 26        | London and Port Stanley   | 9,248  | 24   |  |   |
| 27        | London Street   | 7,951  | 68   |  |   |
| 28        | Moncton Tramways, Electricity and Gas Co                            | 500  | 00   |  |   |
| 29        | Montreal Tramways   | 152,641  | 48   | 132,788  | 62  |
| 30        | Montreal and Southern Counties                                      | 15,039   | 05   | 10,940   | 79  |
| 31        | Moose Jaw   | 563  | 00   | 7,720  | 12  |
| 32        | New Brun-swick Power Co   | 1,625  | 40   |  |   |
| 33        | Niagara Falls Park and River, division of the International Railway | 2,109  | 51   | 10,280   | 03  |
| 34        | Niagara, St. Catharines and Toronto                                 | 24,542   | 77   |  |   |
| 35        | Niagara, Welland and Lake Erie                                      |  | 406  | 49   |   |
| 36        | Nipissing Central   | 1,632  | 00   | 2,612  | 84  |
| 37        | Nova Scotia Tramways and Power Co.                                  | 5,988  | 91   | 940  | 00  |
| 38        | Nelson Municipal  |  |  |  |   |
| 39        | Oshawa  | 2,815  | 86   | 2,505  | 17  |
| 40        | Ottawa  | 25,850   | 78   | 10,138   | 57  |
| 41        | Peterborough Radial   | 26   | 00   | 9,938  | 24  |
| 42        | Pictou County Elec. Co.   | 810  | 00   | 5,219  | 61  |
| 43        | Port Arthur Civic   |  |  | 52   | 13  |
| 44        | Quebec Railway, Light and Power (Citadel)                           | 6,889  | 25   |  |   |
| 45        | Quebec Railway, Light and Power (Montmorency)                       |  |  |  |   |
| 46        | Regina Municipal  | 3,355  | 64   |  |   |
| 47        | Sandwich, Windsor and Amherstburg                                   | 2,575  | 00   | 12,985   | 55  |
| 48        | Sarnia Street   |  |  |  | 3,805   |
| 49        | Saskatoon Municipal   | 5,859  | 33   |  |   |
| 50        | Schomberg and Aurora  | 120  | 00   | 1,112  | 67  |
| 51        | Shawinigan Falls Terminal   |  |  |  |   |
| 52        | Sherbrooke Railway and Power Co                                     | 850  | 00   |  |   |
| 53        | St. Thomas Municipal  |  |  |  |   |
| 54        | Sudbury, Copper Cliff Suburban                                      | 1,850  | 00   | 3,886  | 75  |

## SESSIONAL PAPER No. 20b

the year ending December 31, 1919—Continued  
pour l'année terminée le 31 décembre 1919—suite

| Force motrice des transports                                  |  |  |   |   |   |   |  | No.<br>—<br>N° |
|---|--|--|---|---|---|---|--|----------------|
| Water<br>for<br>Power<br>—<br>Eau<br>pour<br>force<br>motrice | Lubri-<br>cants<br>for<br>Power<br>—<br>Lubrifiants<br>pour<br>l'usine | Miscel-<br>laneous<br>Power-plant<br>Supplies and<br>Expenses<br>—<br>Fournitures<br>et dépenses<br>diverses<br>de l'usine | Substation<br>Supplies<br>and<br>Expenses<br>—<br>Fournitures<br>et dépenses<br>des sous-<br>stations | Power<br>Purchased<br>—<br>Achat<br>de force<br>motrice | Other<br>Opera-<br>tions<br>Dr.<br>—<br>Autres<br>exploita-<br>tions<br>Dt. | Other<br>Opera-<br>tions<br>Cr.<br>—<br>Autres<br>exploita-<br>tions<br>Av. | Total,<br>Power<br>—<br>Total,<br>force<br>motrice |                |
| \$ cts.   | \$ cts.  | \$ cts.  | \$ cts.   | \$ cts.   | \$ cts.   | \$ cts.   | \$ cts.  |                |
|   |  |  |   | 15,823 15   |   |   | 15,823 15  | 1              |
|   |  |  |   | 13,779 99   |   |   | 20,210 24  | 2              |
|   |  | 0 91   |   | 17,009 98   |   |   | 17,010 89  | 3              |
|   |  |  | 97,388 33   | 639,260 10  |   |   | 736,648 43   | 4              |
|   |  | 2,941 85   |   | 10,000 00   |   |   | 16,328 22  | 5              |
|   |  |  |   | 100,912 27  |   |   | 100,912 27   | 6              |
|   |  |  |   | 300 00  |   |   | 300 00   | 7              |
|   |  |  | 250 14  |   | 43,440 09   |   | 46,955 29  | 8              |
| 241 03  | 983 91   | 843 72   | Cr. 18 48   | 35 33   |   |   | 60,715 60  | 9              |
| 60 00   | 70 00  | 40 31  |   |   |   |   | 1,277 89   | 10             |
|   |  |  |   | 112,970 84  |   |   | 112,970 84   | 11             |
|   |  | 1,944 36   |   | 18,499 92   |   |   | 20,444 28  | 12             |
|   |  | 37 20  | 24 51   | 19,989 94   |   |   | 25,871 92  | 13             |
|   |  |  |   | 9,098 09  |   |   | 9,098 09   | 14             |
|   |  |  |   | 7,775 64  |   |   | 7,775 64   | 15             |
|   |  |  |   | 12,985 60   |   |   | 19,294 57  | 16             |
|   |  |  |   | 19,165 79   |   |   | 19,165 79  | 17             |
|   |  | 19,593 09  |   | 69,578 71   |   |   | 69,578 71  | 18             |
|   |  |  |   |   |   |   | 19,593 09  | 19             |
|   |  |  |   | 12,000 00   |   |   | 12,000 00  | 20             |
|   |  |  |   | 4,841 87  |   |   | 4,841 87   | 21             |
|   |  |  |   | 10,330 59   |   |   | 10,330 59  | 22             |
|   |  | 84 57  |   | 30,080 68   |   |   | 35,340 09  | 23             |
|   |  |  |   | 13,510 10   |   |   | 13,510 10  | 24             |
|   |  | 51 90  | 1,857 19  | 11,400 00   |   |   | 14,580 09  | 25             |
|   |  |  |   | 35,380 93   |   |   | 35,380 93  | 26             |
|   |  |  |   | 35,905 82   |   |   | 35,905 82  | 27             |
|   |  | 3,759 50   |   |   |   |   | 3,759 50   | 28             |
| 4,206 71  | 3,625 28   | 5,763 18   | 5,054 66  | 792,210 62  |   |   | 1,231,986 72                                       | 29             |
|   |  |  | 1,589 05  | 36,290 34   |   |   | 48,820 18  | 30             |
| 225 75  | 1,800 84   | 2,402 23   |   |   | 25 50   |   | 21,527 06  | 31             |
|   |  |  |   | 59,616 80   |   |   | 59,616 80  | 32             |
|   | 140 81   | 2,174 72   |   |   |   |   | 12,595 56  | 33             |
|   |  |  | 14,362 35   | 36,781 87   |   |   | 51,144 22  | 34             |
|   |  |  |   | 1,460 00  |   |   | 1,866 49   | 35             |
|   |  | 50 13  | 8 22  | 17,266 80   |   |   | 19,937 99  | 36             |
|   |  |  |   |   |   |   | 27,451 49  | 37             |
|   |  |  |   |   |   |   | 940 00   | 38             |
|   |  |  |   | 10,618 12   |   |   | 13,123 29  | 39             |
| 1,818 29  | 255 47   | 1,656 55   | 211 72  | 31,060 11   |   |   | 55,464 70  | 40             |
|   |  |  |   | 6,469 60  |   |   | 6,469 60   | 41             |
| 236 02  | 454 68   | 185 73   |   | 19,999 92   |   |   | 22,663 51  | 42             |
|   |  |  | 181 80  | 34,100 19   |   |   | 20,233 85  | 43             |
|   |  |  |   |   |   |   | 34,100 19  | 44             |
|   |  |  |   | 41,250 00   |   |   | 41,250 00  | 45             |
|   |  |  |   | 55,717 35   |   |   | 55,717 35  | 46             |
|   | 1,077 65   | 90 75  |   | 64,329 18   |   | 58,196 49   | 24,091 77  | 47             |
|   |  |  |   | 9,625 66  |   |   | 9,625 66   | 48             |
|   |  |  |   | 30,178 80   |   |   | 30,178 80  | 49             |
|   |  |  | 6 91  | 1,800 00  |   |   | 2,919 58   | 50             |
|   |  |  |   | 5,419 00  |   |   | 5,419 00   | 51             |
|   |  |  |   | 12,128 00   |   |   | 12,128 00  | 52             |
|   |  |  |   | 5,058 65  |   |   | 5,058 65   | 53             |
|   |  |  |   | 5,208 66  |   |   | 9,095 41   |                |

II GEORGE V, A. 1921

TABLE 4—Summary of Operating Expenses for  
TABLEAU 4—Sommaire des frais d'exploitation

| No.<br>N <sup>o</sup> | Name of Railway<br>—<br>Nom du tramway                 | Conducting Transportation—Power—   |  |   |   |
|-----------------------|--|--|--|---|---|
|                       |  | Superin-<br>tendence<br>of<br>Transpor-<br>tation<br>—<br>Gestion<br>des<br>transports | Power-<br>plant<br>Employees<br>—<br>Employés<br>de l'usine<br>de force<br>motrice | Sub-<br>station<br>Employees<br>—<br>Employés<br>des<br>sous-<br>stations | Fuel<br>for<br>Power<br>—<br>Com-<br>bustible<br>pour<br>force<br>motrice |
|                       |  | \$ cts.  | \$ cts.  | \$ cts.   | \$ cts.   |
| 55                    | Suburban Rapid Transit Co.....                         | 3,259 49   |  | 3,600 50  |   |
| 56                    | Three Rivers Traction Co.....                          |  |  |   |   |
| 57                    | Toronto.....   | 256,840 97   | 4,698 05   | 32,337 04   | 5,077 12  |
| 58                    | Toronto Civic.....                                     | 11,968 58  |  |   |   |
| 59                    | Toronto Suburban.....                                  | 2,800 22   |  | 7,893 65  |   |
| 60                    | Toronto and York Radial.....                           | 19,270 70  |  | 19,173 84   |   |
| 61                    | Waterloo, Wellington Railway Co.                       |  |  |   |   |
| 62                    | Windsor, Essex and Lake Shore Rapid Railway<br>Co..... | 1,357 39   | 7,237 25   |   | 35,748 97   |
| 63                    | Winnipeg.....  | 48,282 93  | 24,994 01  | 25,734 53   | 47,611 20   |
| 64                    | Winnipeg, Selkirk and Lake Winnipeg.....               |  |  | 5,156 55  |   |
| 65                    | Woodstock, Thames Valley and Ingersoll.....            |  | 1,210 87   |   |   |
| 66                    | Yarmouth Light and Power Co.....                       |  | 1,829 05   | 1,676 79  | 316 61  |
|                       | Totals—Totaux.....                                     | 760,051 69   | 241,083 19   | 145,386 22  | 486,648 74  |

## SESSIONAL PAPER No. 20b

the year ending December 31, 1919—Continued

pour l'année terminée le 31 décembre 1919—suite

| Force motrice des transports                                  |  |  |  |   |   |   |   |                            |
|---|--|--|--|---|---|---|---|----------------------------|
| Water<br>for<br>Power<br>—<br>Eau<br>pour<br>force<br>motrice | Lubri-<br>cants<br>for<br>Power<br>—<br>Lubrifiants<br>pour<br>l'usine | Miscel-<br>laneous<br>Power-plant<br>Supplies and<br>Expenses<br>—<br>Fournitures<br>et dépenses<br>diverses<br>de l'usine | Substation<br>Supplies<br>and<br>Expenses<br>—<br>Fournitures<br>et dépenses<br>des<br>sous-<br>stations | Power<br>Purchased<br>—<br>Achat<br>de force<br>motrice | Other<br>Opera-<br>tions<br>Dr.<br>—<br>Autres<br>exploita-<br>tions<br>Dt. | Other<br>Opera-<br>tions<br>Cr.<br>—<br>Autres<br>exploita-<br>tions<br>Av. | Total<br>Power<br>—<br>Total,<br>force<br>motrice | No.<br>—<br>N <sup>o</sup> |
| \$ cts.   | \$ cts.  | \$ cts.  | \$ cts.  | \$ cts.   | \$ cts.   | \$ cts.   | \$ cts.   |                            |
|   |  |  | 959 29   | 17,535 88   |   |   | 22,095 67   | 55                         |
|   |  |  |  | 9,813 64  |   |   | 9,813 64  | 56                         |
| 1 00  | 180 44   | 4,890 21   | 1,650 55   | 878,096 60  |   |   | 926,931 01  | 57                         |
|   |  |  |  | 78,900 57   |   |   | 78,900 57   | 58                         |
|   |  |  | 621 57   | 41,585 18   |   |   | 50,100 40   | 59                         |
|   | 446 98   | 37 13  |  | 72,000 00   |   |   | 91,657 95   | 60                         |
|   |  |  |  | 1,340 19  |   |   | 1,340 19  | 61                         |
|   |  | 1,698 47   |  |   |   |   | 44,684 69   | 62                         |
| 416 19  | 154 64   | 10,087 76  | 8,067 49   |   |   |   | 117,065 82  | 63                         |
|   |  |  | 546 66   | 16,670 50   |   |   | 22,373 71   | 64                         |
|   |  |  |  | 2,612 42  |   |   | 3,823 29  | 65                         |
|   |  | 396 07   | 241 36   |   |   |   | 4,459 88  | 66                         |
| 7,204 99  | 9,190 70   | 58,730 34  | 133,003 32   | 3,615,779 99  | 43,465 59   | 58,196 49   | 4,682,296 59                                      |                            |

II GEORGE V, A. 1921

TABLE 4—Summary of Operating Expenses for  
TABLEAU 4—Sommaire des frais d'exploitation

| No.<br>No | Name of Railway<br>—<br>Nom du tramway                                   | Conducting Transportation—   |   |  |  |
|-----------|--|--|---|--|--|
|           |  | Passenger<br>Conductors,<br>Motormen<br>and<br>Trainmen<br>—<br>Conducteurs,<br>watmen,<br>etc., des<br>voitures à<br>voyageurs. | Freight<br>and<br>Express<br>Conductors,<br>Motormen<br>and<br>Trainmen<br>—<br>Conducteurs,<br>watmen,<br>etc., du<br>service des<br>marchan-<br>dises et<br>des colis | Miscel-<br>laneous<br>car-service<br>Employees<br>—<br>Personnel<br>des voitures<br>de<br>réparations. | Miscel-<br>laneous<br>car-service<br>Expenses<br>—<br>Dépenses<br>des voitures<br>de<br>réparations. |
|           |  | \$ cts.  | \$ cts.   | \$ cts.  | \$ cts.  |
| 1         | Brandon Municipal.....   | 11,367 23  |   |  | 2,460 58   |
| 2         | Brantford and Hamilton.....  | 22,602 95  | 7,366 08  | 5,870 83   | 6,736 44   |
| 3         | Brantford Municipal.....   | 47,080 84  |   | 4,483 22   | 12,219 96  |
| 4         | British Columbia.....  | 1,379,738 63   | 121,244 99  | 10,238 43  | 62,528 53  |
| 5         | Calais Street.....   | 15,253 16  |   |  |  |
| 6         | Calgary Municipal.....   | 218,587 52   | 2,146 36  | 5,400 00   | 29,503 49  |
| 7         | Canadian Resources Development Co.....                                   | 300 00   |   |  |  |
| 8         | Cape Breton.....   | 65,468 20  | 3,587 56  | 115 93   | 5,968 44   |
| 9         | Chatham, Wallaceburg and Lake Erie.....                                  | 8,434 06   | 11,884 54   |  | 1,104 08   |
| 10        | Cornwall Street Railway, Light and Power Co.....                         | 6,933 49   | 3,010 63  |  | 622 35   |
| 11        | Edmonton Radial.....   | 137,148 00   | 946 78  | 15,338 79  | 20,011 48  |
| 12        | Fort William.....  | 55,661 41  |   | 8,709 05   | 4,389 72   |
| 13        | Grand River.....   | 20,320 09  | 27,492 43   |  | 1,375 80   |
| 14        | Guelph Radial.....   | 22,171 36  |   |  |  |
| 15        | Hamilton and Dundas Street.....  | 22,376 49  | 11 89   | 739 31   | 2,432 87   |
| 16        | Hamilton, Grimsby and Beamsville.....                                    | 30,321 98  | 13,823 13   | 2,628 04   | 5,266 65   |
| 17        | Hamilton Radial.....   | 39,083 95  | 4,064 41  | 2,541 41   | 6,188 28   |
| 18        | Hamilton Street.....   | 251,126 12   |   | 14,192 99  | 40,244 94  |
| 19        | Hull Electric Co.....  | 63,863 03  | 7,248 31  |  | 2,824 71   |
| 20        | International Transit Co.....  | 27,302 30  |   |  | 1,251 31   |
| 21        | Kingston, Portsmouth and Catarqui.....                                   | 17,869 35  |   | 7,304 18   | 4,102 81   |
| 22        | Kitchener and Waterloo Street.....                                       | 19,801 06  |   | 3,601 53   | 1,165 48   |
| 23        | Lake Erie and Northern.....  | 11,370 08  | 11,657 03   |  | 1,144 03   |
| 24        | Lethbridge Municipal.....  | 14,558 08  |   | 400 00   | 332 90   |
| 25        | Levis County.....  | 28,250 13  | 5,861 19  | 1,344 18   | 3,413 10   |
| 26        | London and Port Stanley.....   | 17,054 93  | 22,420 26   |  | 3,261 17   |
| 27        | London Street.....   | 201,763 87   |   | 2,685 89   | 12,483 04  |
| 28        | Moncton Tramways, Electricity and Gas Co.....                            | 6,331 76   |   |  | 1,637 35   |
| 29        | Montreal Tramways.....   | 2,333,359 17   |   | 20,702 47  | 201,186 16   |
| 30        | Montreal and Southern Counties.....                                      | 56,796 40  | 3,522 24  | 855 90   | 9,039 80   |
| 31        | Moose Jaw.....   | 43,072 24  |   | 2,568 21   | 3,602 80   |
| 32        | New Brunswick Power Co.....  | 126,236 87   |   | 11,470 63  |  |
| 33        | Niagara Falls Park and River division of Inter-<br>national Railway..... | 32,851 42  | 504 72  | 1,048 40   | 1,169 40   |
| 34        | Niagara, St. Catharines and Toronto.....                                 | 177,382 87   |   |  | 10,045 23  |
| 35        | Niagara, Welland and Lake Erie.....                                      | 7,534 53   |   |  |  |
| 36        | Nipissing Central.....   | 26,448 67  | 3,522 12  | 70 66  | 2,817 90   |
| 37        | Nova Scotia Tramways and Power Co.....                                   | 171,723 10   |   | 8,305 26   |  |
| 38        | Nelson Municipal.....  | 8,533 44   |   |  | 1,561 76   |
| 39        | Oshawa.....  | 10,225 96  | 16,172 13   |  | 1,736 84   |
| 40        | Ottawa.....  | 456,435 00   |   | 8,300 85   | 68,923 98  |
| 41        | Peterborough Radial.....   | 33,065 20  |   | 815 19   | 1,442 77   |
| 42        | Pietou County Electric Co.....   | 21,275 96  | 2,019 19  | 1,723 93   | 1,662 04   |
| 43        | Port Arthur Civic.....   | 50,407 65  | 8 76  |  | 3,451 24   |
| 44        | Quebec Railway, Light and Power (Citadel).....                           | 186,079 67   | 2,068 89  | 49 52  | 13,518 29  |
| 45        | Quebec Railway, Light and Power (Montmo-<br>rency).....                  | 21,809 43  |   |  |  |
| 46        | Regina Municipal.....  | 107,366 11   | 3,108 94  |  | 8,494 55   |
| 47        | Sandwich, Windsor and Amherstburg.....                                   | 102,544 43   |   |  | 4,967 85   |
| 48        | Sarnia Street.....   | 21,426 44  |   |  |  |
| 49        | Saskatoon Municipal.....   | 93,133 53  |   | 3,750 00   | 670 00   |

## SESSIONAL PAPER No. 17f

the year ending December 31, 1919—Continued  
 pour l'année terminée le 31 décembre 1919—suite

| Operation of Cars—Transports—Circulation des voitures |  |   |  |   |   |   |  | No.<br>—<br>N° |
|---|--|---|--|---|---|---|--|----------------|
| Station Employees<br>—<br>Employés des stations       | Station Expenses<br>—<br>Dépenses des stations | Carhouse Employees<br>—<br>Employés des garages | Carhouse Expenses<br>—<br>Dépenses des garages | Operation of Signal and Interlocking Systems<br>—<br>Signaux et appareils d'enclenchement | Operation of Telephone and Telegraph Systems<br>—<br>Lignes télégraphiques et téléphoniques | Express and Freight Collections and Delivery<br>—<br>Réception et livraison des marchandises et colis | Loss and Damage<br>—<br>Pertes et dommages |                |
| \$ cts.   | \$ cts.  | \$ cts.   | \$ cts.  | \$ cts.   | \$ cts.   | \$ cts.   | \$ cts.                                    |                |
|   |  | 4,676 52  | 304 82   | 87 39   |   |   |  | 1              |
|   |  |   |  |   |   | 7,681 16  |  | 2              |
|   |  |   |  |   |   |   |  | 3              |
| 88,208 36   | 33,018 99                                      | 114,042 13                                      | 18,476 82                                      | 13,301 10   |   |   |  | 4              |
|   |  | 20,374 23                                       | 269 00   |   |   |   |  | 5              |
|   |  |   |  |   |   |   |  | 6              |
| 1,299 16  | 383 71   | 8,220 60  | 1,135 93                                       | 2 03  | 34 93   |   | 85 89                                      | 7              |
| 5,502 56  | 473 45   | 1,718 32  | 5 83   | 1,899 28  |   | 281 56  | 283 12                                     | 8              |
|   |  | 850 00  | 624 75   |   |   |   |  | 9              |
| 786 90  | 3,159 11                                       | 12,568 98                                       | 3,601 58                                       |   |   |   |  | 10             |
| 1,638 75  |  |   |  |   |   |   |  | 11             |
| 24,976 20   | 3,001 11                                       | 1,199 54  |  | 208 31  | 42 09   |   | 537 46                                     | 12             |
|   |  |   |  |   |   |   |  | 13             |
|   |  |   |  |   |   |   |  | 14             |
|   |  |   |  |   |   | 1,762 38  |  | 15             |
|   |  |   |  |   |   | 747 37  |  | 16             |
|   |  |   |  |   |   |   |  | 17             |
|   | 8,230 02                                       |   |  |   |   |   |  | 18             |
| 509 11  |  | 4,176 05  |  |   |   |   |  | 19             |
|   |  |   |  |   |   |   |  | 20             |
|   |  |   |  |   |   |   |  | 21             |
| 23,108 81   | 3,062 89                                       | 1,224 49  | 70 00  | 8,147 08  | 6 54  |   | 1,033 26                                   | 22             |
|   |  | 275 74  | 946 23   |   |   |   |  | 23             |
|   |  | 4,577 81  |  |   |   |   |  | 24             |
| 30,556 84   | 6,638 53                                       | 15,946 97                                       |  | 4,839 20  |   | 1,647 21  | 621 37                                     | 25             |
|   |  | 8,868 14  |  | 4,636 01  |   |   |  | 26             |
|   |  |   |  |   |   |   |  | 27             |
|   |  |   | 155,982 60                                     | 73,240 01   |   | 55,291 48   |  | 28             |
| 8,057 47  | 11,099 21                                      | 5,445 24  | 6,173 44                                       | 5,166 74  | 6,732 40  |   | 311 45                                     | 29             |
|   |  | 4,352 59  | 1,829 99                                       |   |   |   |  | 30             |
|   |  | 15,131 70                                       |  | 3,159 56  |   |   |  | 31             |
|   |  |   |  |   |   |   |  | 32             |
| 2,836 40  | 94 73  | 5,322 40  | 0 15   |   |   |   |  | 33             |
| 50,403 78   | 8,504 43                                       | 14,549 60                                       | 20 00  | 13,937 97   |   | 7,843 03  | 3,671 43                                   | 34             |
|   |  | 289 26  |  |   |   |   |  | 35             |
| 621 44  | 847 79   | 2,228 79  | 677 03   |   |   |   |  | 36             |
|   | 222 87   | 12,153 66                                       | 4,539 94                                       |   |   |   |  | 37             |
|   |  | 432 25  | 104 66   |   |   |   |  | 38             |
| 20,808 15   | 1,397 81                                       | 3,617 58  | 194 00   | 3,569 19  |   | 7,569 38  |  | 39             |
|   |  | 27,066 55                                       | 5,328 90                                       |   |   |   |  | 40             |
|   |  | 1,348 78  | 519 02   | 939 46  |   |   |  | 41             |
|   |  | 6,442 87  | 726 90   | 24 44   | 6 27  | 83 00   | 16 95                                      | 42             |
|   |  | 5,372 66  |  |   |   |   |  | 43             |
| 7 29  | 284 20   | 20,763 51                                       | 2,875 93                                       | 3,994 83  |   |   |  | 44             |
|   |  |   |  |   |   |   |  | 45             |
|   |  | 9,087 68  | 382 04   | 1,577 55  |   | 620 26  |  | 46             |
| 930 00  | 77 40  | 8,346 52  | 221 02   |   |   |   | 192 98                                     | 47             |
|   |  | 794 75  |  |   |   | 7,473 40  |  | 48             |
|   | 1,200 00                                       |   |  | 2,560 00  |   |   |  | 49             |

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TABLE 4—Summary of Operating Expenses for  
TABLEAU 4—Sommaire des frais d'exploitation

| No.<br>No | Name of Railway<br>—<br>Nom du tramway                 | Conducting Transportation—   |   |  |  |
|-----------|--|--|---|--|--|
|           |  | Passenger<br>Conductors,<br>Motormen<br>and<br>Trainmen<br>—<br>Conducteurs,<br>watmen,<br>etc., des<br>voitures à<br>voyageurs. | Freight<br>and<br>Express<br>Conductors,<br>Motormen<br>and<br>Trainmen<br>—<br>Conducteurs,<br>watmen,<br>etc., du<br>service des<br>marchan-<br>dises et<br>des colis | Miscel-<br>laneous<br>car-service<br>Employees<br>—<br>Personnel<br>des voitures<br>de<br>réparations. | Miscel-<br>laneous<br>car-service<br>Expenses<br>—<br>Dépenses<br>des voitures<br>de<br>réparations. |
|           |  | \$ cts.  | \$ cts.   | \$ cts.  | \$ cts.  |
| 50        | Schomberg and Aurora.....                              | 787 00   | 788 00  |  |  |
| 51        | Shawinigan Falls Terminal.....                         |  | 47,515 00   |  |  |
| 52        | Sherbrooke Railway and Power Co.....                   | 15,032 64  |   | 27 60  | 955 10   |
| 53        | St. Thomas Municipal.....                              | 17,760 73  |   |  |  |
| 54        | Sudbury, Copper Cliff Suburban.....                    | 13,339 75  |   |  |  |
| 55        | Suburban Rapid Transit Co.....                         | 81,162 64  |   | 2,138 88   |  |
| 56        | Three Rivers Traction Co.....                          | 21,831 17  |   | 423 34   |  |
| 57        | Toronto.....   | 2,200,633 70   |   | 48,711 51  | 112,338 92   |
| 58        | Toronto Civic.....                                     | 196,038 40   |   |  | 14,210 93  |
| 59        | Toronto Suburban.....                                  | 68,477 95  | 7,977 94  | 5,452 60   | 6,429 11   |
| 60        | Toronto and York Radial.....                           | 116,727 79   | 11,382 26   | 454 10   | 19,392 30  |
| 61        | Waterloo, Wellington Railway Co.....                   | 2,940 78   |   |  |  |
| 62        | Windsor, Essex and Lake Shore Rapid Railway<br>Co..... | 18,598 72  |   | 22,646 84  |  |
| 63        | Winnipeg.....  | 1,108,433 73   |   | 14,810 69  | 92,524 76  |
| 64        | Winnipeg, Selkirk and Lake Winnipeg.....               | 26,056 31  |   | 2,575 89   |  |
| 65        | Woodstock, Thames Valley and Ingersoll.....            | 4,287 74   |   | 672 13   |  |
| 66        | Yarmouth Light and Power Co.....                       | 4,572 55   |   |  | 484 98   |
|           | Totals—Totaux.....                                     | 10,746,529 76  | 341,360 78  | 252,168 28   | 813,206 22   |



## SESSIONAL PAPER No. 20b

the year ending December 31, 1919—Continued

pour l'année terminée le 31 décembre 1919—suite

| Operation of Cars—Transports—Circulation des voitures    |   |  |   |   |   |  |  | No.<br>—<br>N° |
|--|---|--|---|---|---|--|--|----------------|
| Station<br>Employees<br>—<br>Employés<br>des<br>stations | Station<br>Expenses<br>—<br>Dépenses<br>des<br>stations | Carhouse<br>Employees<br>—<br>Employés<br>des<br>garages | Carhouse<br>Expenses<br>—<br>Dépenses<br>des<br>garages | Operation<br>of Signal<br>and<br>Interlocking<br>Systems<br>—<br>Signaux<br>et<br>appareils<br>d'enclen-<br>chement | Operation<br>of<br>Telephone<br>and<br>Telegraph<br>Systems<br>—<br>Lignes<br>télégra-<br>phiques<br>et<br>télépho-<br>niques | Express<br>and<br>Freight<br>Collections<br>and<br>Delivery<br>—<br>Réception<br>et livraison<br>des mar-<br>chandises<br>et colis | Loss<br>and<br>Damage<br>—<br>Pertes<br>et<br>dommages |                |
| \$<br>cts.   | \$<br>cts.  | \$<br>cts.   | \$<br>cts.  | \$<br>cts.  | \$<br>cts.  | \$<br>cts.   | \$<br>cts.   |                |
| 1,197 05   | 152 81  |  |   | 2,385 61  |   |  |  | 50             |
|  |   | 2,879 05   |   |   |   |  |  | 51             |
|  |   | 4,549 92   |   |   |   |  |  | 52             |
|  |   |  |   | 1,504 20  |   |  |  | 53             |
| 410 10   |   |  |   | 1,386 72  |   |  | 100 25   | 54             |
|  |   |  |   |   |   |  |  | 55             |
|  |   | 189,331 24   | 61,214 22   |   |   |  |  | 56             |
|  |   | 16,031 35  |   | 95 85   |   |  |  | 57             |
| 9,596 38   | 3,222 41  | 4,557 36   |   |   |   | 12,150 42  | 263 90   | 58             |
| 25,239 04  | 4,627 86  | 23,249 75  | 2,745 00  |   |   | 8,984 25   | 241 37   | 59             |
|  |   |  |   |   |   |  |  | 60             |
|  |   |  |   |   |   |  |  | 61             |
| 281 76   | 2,831 65  | 43,342 65  | 14,349 81   | 6,569 32  | 4 59  |  |  | 62             |
| 12,737 31  |   |  | 1,248 52  |   |   |  |  | 63             |
|  |   |  |   |   |   |  | 74 63  | 64             |
|  |   |  |   |   |   |  | 195 50   | 65             |
|  |   |  |   |   |   |  |  | 66             |
| 309,712 86   | 92,794 98   | 625,407 23   | 284,568 13  | 153,591 85  | 6,826 82  | 112,134 90   | 7,629 56   |                |

TABLE 4—Summary of Operating Expenses for  
TABLEAU 4—Sommaire des frais d'exploitation

| No.<br>—<br>No | Name of Railway<br>—<br>Nom du tramway                              | Conducting Transportation— <i>Continued.</i>  |   |   |  |
|----------------|---|---|---|---|--|
|                |   | —<br>—<br>Transports— <i>suite</i>  |   |   |  |
|                |   | Other<br>Trans-<br>portation<br>Expenses<br>—<br>Autres<br>frais<br>de<br>transport | Total<br>Operation<br>of<br>Cars<br>—<br>Total,<br>circulation<br>des<br>voitures | Total<br>Trans-<br>portation<br>Expenses<br>—<br>Total,<br>frais<br>de<br>transport | Salaries<br>and<br>Expenses<br>of<br>General<br>Officers<br>—<br>Traite-<br>ments et<br>dépenses<br>des hauts<br>fonction-<br>naires |
|                | \$ cts.   | \$ cts.   | \$ cts.   | \$ cts.   |  |
| 1              | Brandon Municipal   |   | 18,896 54   | 34,719 69   | 1,356 64   |
| 2              | Brantford and Hamilton  |   | 50,257 46   | 72,484 89   | 2,628 00   |
| 3              | Brantford Municipal   |   | 63,784 02   | 80,794 91   | 1,165 50   |
| 4              | British Columbia  | 8,412 06  | 1,849,210 04  | 2,661,693 13  | 32,709 94  |
| 5              | Calais Street   | 38 50   | 15,291 66   | 31,619 88   | 3,600 00   |
| 6              | Calgary Municipal   |   | 276,280 60  | 384,821 50  | 14,479 80  |
| 7              | Canadian Resources Development Co.                                  |   | 300 00  | 600 00  |  |
| 8              | Cape Breton   | 189 62  | 86,492 00   | 140,073 88  | 9,841 05   |
| 9              | Chatham, Wallaceburg and Lake Erie                                  | 99 39   | 31,686 19   | 92,401 79   | 6,567 10   |
| 10             | Cornwall Street Railway, Light and Power Co                         |   | 12,041 22   | 13,319 11   |  |
| 11             | Edmonton Radial   | 456 30  | 194,017 92  | 216,455 40  | 5,249 53   |
| 12             | Fort William  | 291 92  | 70,690 85   | 91,135 13   | 3,443 68   |
| 13             | Grand River   | 298 90  | 79,451 93   | 107,560 31  | 9,671 69   |
| 14             | Guelph Radial   | 4,355 62  | 26,526 98   | 36,857 32   |  |
| 15             | Hamilton and Dundas Street  |   | 25,560 46   | 34,196 64   | 1,080 00   |
| 16             | Hamilton, Grimsby and Beamsville                                    |   | 53,807 18   | 74,795 25   | 2,088 00   |
| 17             | Hamilton Radial   |   | 52,625 42   | 74,517 99   | 1,980 00   |
| 18             | Hamilton Street   |   | 305,564 05  | 399,474 50  | 9,648 00   |
| 19             | Hull Electric Co.   | 2,180 00  | 84,346 07   | 106,059 16  | 7,759 54   |
| 20             | International Transit Co  |   | 33,238 77   | 45,958 77   | 2,292 35   |
| 21             | Kingston, Portsmouth and Cataraqui                                  |   | 29,186 34   | 34,028 21   | 2,400 00   |
| 22             | Kitchener and Waterloo Street                                       |   | 24,568 07   | 36,668 46   | 1,633 32   |
| 23             | Lake Erie and Northern  | 1,980 65  | 62,804 86   | 101,858 18  | 9,119 87   |
| 24             | Lethbridge Municipal  |   | 16,512 95   | 30,473 05   |  |
| 25             | Levis County  |   | 43,446 41   | 58,026 50   | 2,250 00   |
| 26             | London and Port Stanley   | 87 78   | 103,074 26  | 147,703 43  | 4,463 60   |
| 27             | London Street   | 137 03  | 230,573 98  | 274,431 48  | 8,149 98   |
| 28             | Moncton Tramways, Electricity and Gas Co.                           |   | 7,969 11  | 12,228 61   |  |
| 29             | Montreal Tramways   |   | 2,848,761 89  | 4,233,390 09  | 60,324 87  |
| 30             | Montreal and Southern Counties                                      | 188 86  | 113,389 15  | 177,248 38  | 3,908 86   |
| 31             | Moose Jaw   |   | 55,425 83   | 77,515 89   | 3,445 00   |
| 32             | New Brunswick Power Co  | 12 89   | 156,371 65  | 217,613 55  | 3,850 97   |
| 33             | Niagara Falls Park and River division of Inter-<br>national Railway | 3 58  | 43,831 20   | 58,536 27   | 737 75   |
| 34             | Niagara, St. Catharines and Toronto                                 | 735 33  | 287,093 67  | 362,780 66  | 4,141 29   |
| 35             | Niagara, Welland and Lake Erie                                      |   | 7,823 79  | 9,690 28  |  |
| 36             | Nipissing Central   | 170 52  | 37,404 92   | 58,974 91   |  |
| 37             | Nova Scotia Tramways and Power Co.                                  | 697 24  | 197,642 07  | 231,082 47  | 18,012 45  |
| 38             | Nelson Municipal  |   | 10,632 11   | 11,572 11   |  |
| 39             | Oshawa  |   | 65,291 04   | 81,229 69   | 4,449 44   |
| 40             | Ottawa  |   | 566,055 28  | 647,370 76  | 27,583 37  |
| 41             | Peterborough Radial   | 1,343 39  | 39,473 81   | 45,969 41   | 1,253 50   |
| 42             | Pictou County Electric Co.  | 43 21   | 34,024 76   | 57,498 27   | 3,855 75   |
| 43             | Port Arthur Civic   |   | 59,240 31   | 79,474 16   | 6,920 35   |
| 44             | Quebec Railway, Light and Power (Citadel)                           | 2,491 70  | 232,133 83  | 273,123 27  | 3,990 00   |
| 45             | Quebec Railway, Light and Power (Mont-<br>morency)                  |   | 22,429 69   | 63,679 69   |  |
| 46             | Regina Municipal  |   | 130,209 85  | 189,282 84  | 3,099 96   |
| 47             | Sandwich, Windsor and Amherstburg                                   |   | 117,087 22  | 143,753 99  | 4,800 00   |
| 48             | Sarnia Street   |   | 29,694 59   | 39,320 25   | 2,165 00   |
| 49             | Saskatoon Municipal   | 9,615 72  | 110,929 25  | 146,967 38  | 2,690 00   |
| 50             | Schomberg and Aurora  | 1,467 90  | 6,778 37  | 9,817 95  |  |

## SESSIONAL PAPER No. 20b

the year ending December 31, 1919—Continued

pour l'année terminée le 31 décembre 1919—suite

| General and Miscellaneous Expenses                            |  |                      |                                       |   |                                 |                                 |   | No.<br>No°  |
|---|--|----------------------|---------------------------------------|---|---------------------------------|---------------------------------|---|---|
| Frais généraux et dépenses diverses                           |  |                      |                                       |   |                                 |                                 |   |   |
| Salaries<br>and<br>Expenses<br>of General<br>Office<br>Clerks | General<br>Office<br>Supplies<br>and<br>Expenses         | Law<br>Expenses      | Relief<br>Depart-<br>ment<br>Expenses | Miscel-<br>laneous<br>General<br>Expenses | Other<br>Opera-<br>tions<br>Dr. | Other<br>Opera-<br>tions<br>Cr. | Total<br>General<br>and<br>Miscel-<br>laneous | Total,<br>frais<br>généraux<br>et<br>dépenses<br>diverses |
| Appointe-<br>ments des<br>commis<br>du bureau-<br>chef        | Papeterie<br>et autres<br>dépenses<br>du bureau-<br>chef | Frais<br>judiciaires | Secours<br>et bien-<br>faisance       | Frais<br>généraux<br>divers               | Autres<br>services<br>Dt.       | Autres<br>services<br>Av.       |   |   |
| \$ cts.   | \$ cts.  | \$ cts.              | \$ cts.                               | \$ cts.                                   | \$ cts.                         | \$ cts.                         | \$ cts.                                       |   |
|   | 3 75   |                      |                                       |   |                                 |                                 | 1,360 39                                      | 1   |
| 9,175 38  | 1,509 49   | 341 45               |                                       | 2,755 43                                  |                                 |                                 | 16,409 75                                     | 2   |
| 4,789 94  | 1,473 25   |                      |                                       | 388 13                                    |                                 |                                 | 7,816 82                                      | 3   |
| 141,641 53  | 19,053 06  | 4,790 22             |                                       | 32,727 32                                 |                                 |                                 | 230,922 07                                    |   |
| 936 00  |  |                      |                                       | 359 57                                    |                                 |                                 | 4,895 57                                      | 5   |
| 5,168 40  | 864 58   |                      |                                       | 27,672 52                                 |                                 |                                 | 48,185 30                                     |   |
|   |  |                      |                                       | 28 75                                     |                                 |                                 | 28 75   | 7   |
| 10,797 15   | 2,071 20   | 1,619 83             |                                       | 6,636 57                                  |                                 |                                 | 30,965 80                                     | 8   |
| 4,913 25  | 709 57   | 767 05               |                                       | 576 05                                    |                                 |                                 | 13,533 02                                     | 9   |
| 1,763 00  | 490 12   |                      |                                       | 1,339 57                                  |                                 |                                 | 3,592 69                                      | 10  |
| 6,192 19  | 149 98   |                      |                                       | 1,001 62                                  |                                 |                                 | 12,593 32                                     | 11  |
| 1,354 50  | 738 07   | 140 31               |                                       | 4,668 03                                  |                                 |                                 | 10,344 59                                     | 12  |
| 2,979 16  | 1,384 32   | 27 00                |                                       | 1,755 07                                  |                                 |                                 | 15,817 24                                     | 13  |
|   |  |                      |                                       | 125 00                                    |                                 |                                 | 125 00  | 14  |
| 3,808 98  | 490 60   | 1,597 95             |                                       | 973 56                                    |                                 |                                 | 7,951 09                                      | 15  |
| 8,260 03  | 1,655 96   | 271 70               |                                       | 2,550 85                                  |                                 |                                 | 14,826 54                                     | 16  |
| 7,506 21  | 1,441 08   | 6,381 99             |                                       | 2,991 44                                  |                                 |                                 | 20,300 72                                     | 17  |
| 19,831 89   | 2,148 15   | 1,298 15             |                                       | 6,477 52                                  | 1,434 86                        |                                 | 40,838 57                                     | 18  |
|   | 1,473 26   |                      |                                       | 1,746 24                                  |                                 |                                 | 10,979 04                                     | 19  |
| 924 00  |  | 412 60               |                                       | 828 98                                    |                                 |                                 | 4,457 93                                      | 20  |
| 1,355 00  | 583 34   | 6 00                 |                                       | 1,681 24                                  |                                 |                                 | 6,025 58                                      | 21  |
| 1,080 86  | 290 49   |                      |                                       | 600 00                                    |                                 |                                 | 3,604 67                                      | 22  |
| 3,103 67  | 640 07   | 4 01                 |                                       | 3,507 78                                  |                                 |                                 | 16,375 40                                     | 23  |
| 1,636 16  |  |                      |                                       | 490 79                                    | 250 00                          |                                 | 2,376 95                                      | 24  |
| 2,490 85  | 485 56   | 480 83               |                                       | 1,605 42                                  |                                 |                                 | 7,312 66                                      | 25  |
| 13,628 48   | 2,332 89   | 981 58               |                                       | 7,600 50                                  |                                 |                                 | 29,007 05                                     | 26  |
| 4,513 35  | 1,103 96   | 2,275 00             |                                       | 8,936 78                                  | 703 72                          |                                 | 25,682 79                                     | 27  |
| 426 00  |  |                      |                                       | 120 00                                    |                                 |                                 | 546 00  | 28  |
| 122,586 76  |  | 16,931 61            | 18,081 56                             | 128,978 48                                |                                 |                                 | 346,903 28                                    | 29  |
| 21,622 28   | 1,877 21   | 329 34               |                                       | 543 91                                    |                                 |                                 | 28,281 60                                     | 30  |
| 3,256 87  | 651 38   | 346 04               |                                       | 402 34                                    | 332 80                          |                                 | 8,434 43                                      | 31  |
| 2,537 41  | 606 33   | 26 79                | 1240 00                               | 1,942 81                                  |                                 |                                 | 9,234 31                                      | 32  |
|   |  |                      |                                       |   |                                 |                                 |   |   |
| 880 91  | 224 31   | 1,499 76             |                                       | 1,928 78                                  |                                 |                                 | 5,371 51                                      | 33  |
| 25,284 03   | 3,112 30   | 1,585 15             |                                       | 3,948 96                                  |                                 |                                 | 38,071 73                                     | 34  |
| 896 00  |  | 20 00                |                                       | 313 06                                    |                                 |                                 | 1,229 06                                      | 35  |
| 2,570 00  | 536 06   | 16 15                |                                       | 255 33                                    |                                 |                                 | 3,377 54                                      | 36  |
| 13,640 79   | 5,693 85   | 6,280 62             | 1 00                                  | 12,811 01                                 |                                 |                                 | 56,439 72                                     | 37  |
|   |  |                      |                                       | 72 00                                     |                                 |                                 | 72 00   | 38  |
| 1,536 00  | 1,412 97   | 49 08                |                                       | 178 00                                    |                                 |                                 | 7,625 49                                      | 39  |
| 5,467 00  | 605 82   | 3,783 84             | 12,531 23                             | 33,550 00                                 |                                 |                                 | 83,521 26                                     | 40  |
| 6,102 75  | 786 41   |                      |                                       | 956 60                                    |                                 |                                 | 9,099 26                                      | 41  |
| 1,500 07  | 1,112 42   | 986 39               |                                       | 4,758 77                                  |                                 |                                 | 12,213 40                                     | 42  |
| 1,209 48  |  | 52 85                |                                       | 462 62                                    |                                 |                                 | 8,645 30                                      | 43  |
| 15,813 37   | 404 07   | 3,539 73             |                                       | 5,624 47                                  |                                 |                                 | 29,371 64                                     | 44  |
|   |  |                      |                                       |   | 1,269 96                        |                                 | 1,269 96                                      | 45  |
| 6,045 81  | 106 76   |                      |                                       | 126 07                                    |                                 |                                 | 9,378 60                                      | 46  |
| 7,207 95  | 1,212 88   | 906 15               |                                       | 4,840 08                                  |                                 |                                 | 18,967 06                                     | 47  |
| 2,262 00  | 262 59   |                      |                                       | 1,849 51                                  |                                 |                                 | 6,539 10                                      | 48  |
| 3,820 00  |  |                      |                                       | 485 78                                    |                                 |                                 | 6,995 78                                      | 49  |
| 200 00  |  | 20 00                |                                       | 225 80                                    |                                 |                                 | 445 80  | 50  |

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TABLE 4—Summary of Operating Expenses for  
TABLEAU 4—Sommaire des frais d'exploitation

| No.<br>—<br>N <sup>o</sup> | Name of Railway<br>—<br>Nom du tramway                 | Conducting Transportation— <i>Concluded</i><br>—<br>Transports— <i>fin</i>          |   |   |  |
|----------------------------|--|---|---|---|--|
|                            |  | Other<br>Trans-<br>portation<br>Expenses<br>—<br>Autres<br>frais<br>de<br>transport | Total<br>Operation<br>of<br>Cars<br>—<br>Total,<br>circulation<br>des<br>voitures | Total<br>Trans-<br>portation<br>Expenses<br>—<br>Total,<br>frais<br>de<br>transport | Salaries<br>and<br>Expenses<br>of<br>General<br>Officers<br>—<br>Traite-<br>ments et<br>dépenses<br>des hauts<br>fonction-<br>naires |
|                            |  | \$ cts.   | \$ cts.   | \$ cts.   | \$ cts.  |
| 51                         | Shawinigan Falls Terminal.....                         | 1,999 00  | 49,514 00   | 54,933 00   | 4,927 00   |
| 52                         | Sherbrooke Railway and Power Co.....                   | 10 00   | 18,894 39   | 31,872 39   | 1,837 20   |
| 53                         | St. Thomas Municipal.....                              | 1,050 51  | 22,320 65   | 27,379 30   | 1,490 35   |
| 54                         | Sudbury, Copper Cliff Suburban.....                    | 27 75   | 15,994 71   | 26,940 12   | 962 54   |
| 55                         | Suburban Rapid Transit Co.....                         | 1,662 16  | 85,126 09   | 110,481 25  | 450 00   |
| 56                         | Three Rivers Traction Co.....                          | 11,152 97   | 23,916 67   | 33,730 31   | 2,899 78   |
| 57                         | Toronto.....   | 381 77  | 2,623,382 56  | 3,807,154 54  | 44,500 00  |
| 58                         | Toronto Civic.....                                     | 2,540 68  | 226,758 30  | 317,627 45  | 2,500 26   |
| 59                         | Toronto Suburban.....                                  | 5,474 61  | 120,668 75  | 173,569 37  | 9,516 64   |
| 60                         | Toronto and York Radial.....                           | 2,940 78  | 218,518 33  | 329,446 98  | 9,277 20   |
| 61                         | Waterloo, Wellington Railway Co.....                   |   | 2,940 78  | 4,280 97  |  |
| 62                         | Windsor, Essex and Lake Shore Rapid Railway<br>Co..... |   | 41,245 56   | 87,287 64   | 3,996 33   |
| 63                         | Winnipeg.....  | 454 46  | 1,283,603 42  | 1,448,952 17  | 33,709 43  |
| 64                         | Winnipeg, Selkirk and Lake Winnipeg.....               | 125 05  | 42,817 71   | 65,191 42   | 5,721 70   |
| 65                         | Woodstock, Thames Valley and Ingersoll.....            |   | 5,419 37  | 9,242 66  | 2,350 00   |
| 66                         | Yarmouth Light and Power Co.....                       |   | 5,057 53  | 9,517 41  | 680 42   |
|                            | Totals.....  | 60,177 07   | 13,806,108 44   | 19,248,456 72   | 423,655 00   |

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the year ending December 31, 1919—Continued

pour l'année terminée le 31 décembre 1919—suite

| General and Miscellaneous Expenses<br>—<br>Frais généraux et dépenses diverses           |  |                                  |   |  |  |  |  | No.<br>—<br>N° |
|--|--|----------------------------------|---|--|--|--|--|----------------|
| Salaries and Expenses of General Office Clerks — Appointements des commis du bureau-chef | General Office Supplies and Expenses — Papeterie et autres dépenses du bureau-chef | Law Expenses — Frais judiciaires | Relief Department Expenses — Secours et bien-faisance | Miscellaneous General Expenses — Frais généraux divers | Other Operations Dr. — Autres services Dt. | Other Operations Cr. — Autres services Av. | Total General and Miscellaneous — Total, frais généraux et dépenses diverses |                |
| \$ cts.  | \$ cts.  | \$ cts.                          | \$ cts.   | \$ cts.  | \$ cts.                                    | \$ cts.                                    | \$ cts.  |                |
|  |  | 75 00                            |   | 2,207 00   |  |  | 7,209 00   | 51             |
| 1,683 48   | 275 34   | 133 75                           |   | 5,116 51   |  |  | 9,046 28   | 52             |
| 242 00   | 62 90  |                                  |   | 52 01  |  |  | 1,847 26   | 53             |
|  | 93 31  |                                  |   |  |  |  | 1,055 85   | 54             |
| 195 00   | 13 57  | 750 00                           |   | 1,615 97   |  |  | 3,024 54   | 55             |
| 3,722 07   | 1,273 76   | 374 30                           |   | 891 29   |  |  | 9,161 20   | 56             |
| 98,140 89  | 1 57   | 16,097 53                        |   | 138,119 93   |  |  | 296,859 92   | 57             |
| 15,145 16  |  |                                  |   | 92 66  |  |  | 17,738 08  | 58             |
| 5,651 08   | 1,662 81   | 26 00                            |   | 1,079 62   | 23,379 47                                  |  | 41,315 62  | 59             |
| 14,182 03  | 2,031 70   | 624 09                           |   | 80,953 03  | 6,620 02                                   |  | 113,688 07   | 60             |
| 1,531 47   | 26 80  |                                  |   | 381 08   |  |  | 1,939 35   | 61             |
|  |  |                                  |   | 150 00   |  |  | 8,719 44   | 62             |
| 4,093 50   | 479 61   |                                  |   | 128,286 91   |  |  | 233,973 63   | 63             |
| 36,207 53  | 25,482 00  | 10,287 76                        |   | 2,119 36   |  |  | 8,892 31   | 64             |
| 1,051 25   |  |                                  |   | 75 00  |  |  | 3,548 80   | 65             |
| 1,011 14   | 112 66   |                                  |   |  | 787 70                                     |  | 2,861 33   | 66             |
| 1,092 85   | 294 58   | 5 78                             |   |  |  |  |  |                |
| 686,764 91   | 91,508 72  | 86,143 38                        | 30,853 79   | 685,539 48   | 34,778 53                                  |  | 2,039,243 81   |                |

<sup>1</sup>Pensions.

TABLE 4—Summary of Operating Expenses for  
TABLEAU 4—Sommaire des frais d'exploitation

| No.<br>—<br>N° | Name of Railway<br>—<br>Nom du tramway                                 | Undistributed Accounts   |                             |  |
|----------------|--|--|-----------------------------|--|
|                |  | Injuries<br>and<br>Damages<br>—<br>Blessures<br>et<br>dommages | Insurance<br>—<br>Assurance | Stationery<br>and<br>Printing<br>—<br>Papeterie<br>et<br>impressions |
|                |  | \$ cts.  | \$ cts.                     | \$ cts.  |
| 1              | Brandon Municipal.....   |  | 1,091 87                    |  |
| 2              | Brantford and Hamilton.....  | 4,990 07   | 1,030 90                    |  |
| 3              | Brantford Municipal.....   | 208 59   | 2,640 58                    | 327 05   |
| 4              | British Columbia.....  | 38,734 56  | 9,778 76                    | 14,519 72  |
| 5              | Calais Street.....   | 982 97   |                             |  |
| 6              | Calgary Municipal.....   |  |                             | 2,547 45   |
| 7              | Canadian Resources Development Co.....                                 |  | 99 47                       |  |
| 8              | Cape Breton.....   | 9,349 64   | 5,751 55                    | 1,539 25   |
| 9              | Chatham, Wallaceburg and Lake Erie.....                                | 133 53   | 2,265 98                    | 572 72   |
| 10             | Cornwall Street Railway, Light and Power Co.....                       | 480 78   | 945 04                      | 67 60  |
| 11             | Edmonton Radial.....   | 9,984 53   | 4,024 13                    | 425 33   |
| 12             | Fort William.....  |  |                             |  |
| 13             | Grand River.....   | 716 59   | 7,112 75                    | 2,349 24   |
| 14             | Guelph Radial.....   | 283 15   | 1,734 84                    | 269 01   |
| 15             | Hamilton and Dundas Street.....  | 1,861 34   | 130 44                      |  |
| 16             | Hamilton, Grimsby and Beamsville.....                                  | 11,671 41  | 893 81                      |  |
| 17             | Hamilton Radial.....   | 4,136 21   | 547 72                      |  |
| 18             | Hamilton Street.....   | 44,917 06  | 2,935 31                    |  |
| 19             | Hull Electric Co.....  | 3,000 00   | 782 88                      | 1,033 70   |
| 20             | International Transit Co.....  | 324 31   | 3,559 84                    | 86 59  |
| 21             | Kingston, Portsmouth and Cataract.....                                 | 233 99   | 610 89                      | 88 88  |
| 22             | Kitchener and Waterloo Street.....                                     |  | 2,037 45                    | 148 35   |
| 23             | Lake Erie and Northern.....  | 481 53   | 3,334 65                    | 1,431 16   |
| 24             | Lethbridge Municipal.....  | 15 00  | 433 84                      | 168 88   |
| 25             | Levis County.....  | 391 96   | 6,313 49                    | 505 31   |
| 26             | London and Port Stanley.....   | 113 57   | 24,903 24                   | 5,062 30   |
| 27             | London Street.....   | 25,401 11  | 2,622 14                    | 105 00   |
| 28             | Moncton Tramways, Electricity and Gas Co.....                          |  | 314 81                      |  |
| 29             | Montreal Tramways.....   | 131,230 75   | 85,129 12                   | 25,741 34  |
| 30             | Montreal and Southern Counties.....                                    | 236 01   | 4,853 16                    | 4,286 95   |
| 31             | Moosejaw.....  | 4,850 09   | 2,181 15                    | 1,614 83   |
| 32             | New Brunswick Power Co.....  | 9,000 00   | 2,337 45                    | 161 66   |
| 33             | Niagara Falls Park and River division of International<br>Railway..... | 340 23   | 2,267 48                    | 898 19   |
| 34             | Niagara, St. Catharines and Toronto.....                               | 4,315 88   | 5,636 28                    | 8,460 89   |
| 35             | Niagara, Welland and Lake Erie.....                                    | 35 66  | 1,048 28                    |  |
| 36             | Nipissing Central.....   | 440 84   | 722 20                      | 388 53   |
| 37             | Nova Scotia Tramways and Power Co.....                                 | 7,774 35   | 14,687 91                   | 1,928 01   |
| 38             | Nelson Municipal.....  |  | 198 15                      | 179 71   |
| 39             | Oshawa.....  | 222 95   | 2,619 92                    | 120 64   |
| 40             | Ottawa.....  | 55,758 83  | 17,242 78                   | 785 22   |
| 41             | Peterborough Radial.....   | Cr. 71 38  | 6,032 80                    | 127 36   |
| 42             | Pictou County Electric Co.....   | 3,000 00   | 2,304 22                    | 27 00  |
| 43             | Port Arthur Civic.....   | 408 34   | 1,816 70                    | 685 92   |
| 44             | Quebec Railway, Light and Power (Citadel).....                         | 2,245 38   | 5,441 16                    | 2,628 20   |
| 45             | Quebec Railway, Light and Power (Montmorency).....                     |  |                             |  |
| 46             | Regina Municipal.....  | 2,897 54   | 1,828 05                    | 311 33   |
| 47             | Sandwich, Windsor and Amherstburg.....                                 | 7,304 12   | 1,828 08                    | 4,952 60   |
| 48             | Sarnia Street.....   | 270 00   | 1,292 21                    | 600 01   |
| 49             | Saskatoon Municipal.....   | 6,850 03   | 2,317 14                    | 946 12   |
| 50             | Schomberg and Aurora.....  | 516 50   | 409 50                      | 24 20  |
| 51             | Shawinigan Falls Terminal.....   |  | 824 00                      |  |
| 52             | Sherbrooke Railway and Power Co.....                                   | 17 70  | 2,778 38                    | 232 30   |
| 53             | St. Thomas Municipal.....  | 151 34   | 1,485 64                    |  |
| 54             | Sudbury, Copper Cliff Suburban.....                                    |  | 2,377 66                    | 368 46   |
| 55             | Suburban Rapid Transit Co.....   | 1,130 54   | 369 22                      | 186 94   |

## SESSIONAL PAPER No. 20b

the year ending December 31, 1919—Continued

pour l'année terminée le 31 décembre 1919—suite

## Comptes non répartis

| Store Expenses<br>—<br>Dépenses<br>des<br>magasins | Stable Expenses<br>—<br>Dépenses<br>des<br>écuries | Rent of<br>Tracks and<br>Terminals<br>—<br>Loyer de voies<br>et terminus | Rent<br>of<br>Equipment<br>—<br>Loyer<br>de<br>matériel | Total<br>Undistributed<br>Accounts<br>—<br>Total,<br>comptes non<br>répartis | Grand Total<br>Operating<br>Expenses<br>—<br>Grand total,<br>frais<br>d'exploitation | No.<br>—<br>No |
|--|--|--|---|--|--|----------------|
| § cts.   | § cts.   | § cts.   | § cts.  | § cts.   | § cts.   |                |
|  |  | 8,928 57   | 3,753 44  | 1,091 87   | 39,095 96  | 1              |
|  |  | 75 00  |   | 18,702 98  | 159,011 79   | 2              |
| 616 56   |  |  |   | 3,831 78   | 106,569 39   | 3              |
| 14,075 18  | 1,880 70   | 14,372 57  | 30,235 05   | 123,596 54   | 3,591 819 47   | 4              |
|  |  |  |   | 982 97   | 46,636 74  | 5              |
| 1,053 82   | 2,424 68   |  |   | 6,475 95   | 583,928 78   | 6              |
|  |  | 178 71   |   | 278 18   | 906 93   | 7              |
| 1,514 31   |  | 74 45  | 21,255 68   | 18,154 75  | 280,655 78   | 8              |
|  |  |  |   | 24,302 36  | 158,807 06   | 9              |
|  |  |  |   | 1,493 42   | 35,694 59  | 10             |
| 1,698 90   |  | 985 00   | 103 39  | 17,221 28  | 470,441 10   | 11             |
|  |  |  |   |  | 137,886 37   | 12             |
| 646 79   |  | 2,050 00   | 12,461 72   | 25,337 09  | 257,070 63   | 13             |
| 474 23   |  |  |   | 2,761 23   | 70,899 69  | 14             |
|  | 48 00  | 5,855 61   | 9,438 96  | 17,334 35  | 82,348 35  | 15             |
|  |  | 9,477 21   | 17,367 93   | 39,410 36  | 186,301 80   | 16             |
|  |  | 8,389 41   | 20,813 45   | 33,886 79  | 178,729 41   | 17             |
|  |  | 10,965 50  | 7,961 08  | 66,778 95  | 690,811 60   | 18             |
|  |  |  |   | 4,836 58   | 187,947 20   | 19             |
|  |  |  |   | 3,970 74   | 72,810 01  | 20             |
|  |  |  |   | 933 76   | 57,051 98  | 21             |
|  |  |  |   | 2,185 80   | 55,082 26  | 22             |
| 281 88   |  | 1,884 56   | 3,885 65  | 11,299 43  | 210,726 53   | 23             |
| 294 57   |  |  |   | 912 29   | 59,016 50  | 24             |
| 113 57   | 1,970 10   | 629 82   |   | 10,524 25  | 135,092 26   | 25             |
| 1,924 02   | 120 00   |  | 20,009 76   | 52,132 89  | 428,926 40   | 26             |
| 2,083 19   | 232 25   |  |   | 30,506 69  | 432,605 33   | 27             |
|  | 10 49  | 1 00   |   | 326 30   | 19,413 25  | 28             |
| 59,163 66  | 15,585 52  |  |   | 316,850 39   | 7,243,823 61   | 29             |
| 2,881 90   |  | 70,844 89  | 1,172 40  | 84,275 31  | 393,790 24   | 30             |
| 200 00   | 126 17   |  |   | 8,972 24   | 110,122 83   | 31             |
|  | 1,066 90   | ‡ 3,000 00   |   | 15,566 01  | 334,134 31   | 32             |
|  |  |  |   |  |  |                |
| 339 17   | 348 25   | * 10,000 00  |   | 14,193 32  | 113,455 66   | 33             |
|  |  | 2,326 50   | 34,109 96   | 54,849 51  | 752,062 67   | 34             |
|  |  | 220 00   |   | 1,303 94   | 17,262 30  | 35             |
|  |  | 600 00   | 2,687 10  | 4,838 67   | 103,630 90   | 36             |
| 2,746 48   |  |  |   | 27,136 75  | 460,687 16   | 37             |
|  |  |  |   | 377 86   | 16,780 40  | 38             |
|  | 943 51   | 10,335 09  |   | 14,242 11  | 129,769 07   | 39             |
| 1,414 38   | 2,733 53   |  |   | 77,934 74  | 1,031,312 88   | 40             |
| 17 77  | 66 71  |  |   | 6,173 26   | 81,950 74  | 41             |
| 29 62  | 288 67   |  |   | 5,649 51   | 93,755 05  | 42             |
| 640 58   |  |  |   | 3,551 54   | 128,268 71   | 43             |
| 3,596 62   | 1,453 42   |  |   | 15,364 78  | 473,779 10   | 44             |
|  |  |  |   |  | 87,315 71  | 45             |
| 1,546 15   | 716 55   |  |   | 7,299 62   | 251,784 79   | 46             |
|  |  |  |   | 14,084 80  | 257,192 68   | 47             |
|  | 1,119 07   |  |   | 3,281 29   | 79,032 11  | 48             |
| 17 38  |  |  |   | 10,130 67  | 203,553 71   | 49             |
|  |  |  |   | 950 20   | 28,376 29  | 50             |
|  | 1,393 13   |  |   | 824 00   | 83,622 00  | 51             |
|  |  |  |   | 4,421 51   | 71,458 55  | 52             |
|  |  |  |   | 1,636 98   | 35,172 88  | 53             |
|  |  | 315 00   |   | 3,061 12   | 42,781 76  | 54             |
|  |  | 50 12  | 1,800 00  | 3,536 82   | 127,022 64   | 55             |

‡ Rent of Right of Way—Droit de passage.

\* For use of Bridge—Usage d'un pont.

II GEORGE V, A. 1921

TABLE 4—Summary of Operating Expenses for  
TABLEAU 4—Sommaire des frais d'exploitation

| No.<br>—<br>No | Name of Railway<br>—<br>Nom du trainway             | Undistributed Accounts   |                             |  |
|----------------|---|--|-----------------------------|--|
|                |   | Injuries<br>and<br>Damages<br>—<br>Blessures<br>et<br>dommages | Insurance<br>—<br>Assurance | Stationery<br>and<br>Printing<br>—<br>Papeterie<br>et<br>impressions |
|                |   | \$ cts.  | \$ cts.                     | \$ cts.  |
| 56             | Three Rivers Traction Co.....                       | 1,200 00   | 2,290 38                    | 198 31   |
| 57             | Toronto.....  | 178,503 34   | 86,625 77                   | 4,677 32   |
| 58             | Toronto Civic.....                                  | 2,452 86   | 3,583 46                    | 5,435 14   |
| 59             | Toronto Suburban.....                               | 785 26   | 3,089 18                    | 1,197 58   |
| 60             | Toronto and York Radial.....                        | 27,000 00  | 9,229 11                    | 1,548 73   |
| 61             | Waterloo, Wellington Railway Co.....                |  | 350 38                      |  |
| 62             | Windsor, Essex and Lake Shore Rapid Railway Co..... | 9,554 21   | 2,785 00                    | 1,157 08   |
| 63             | Winnipeg.....                                       | 29,199 28  | 21,087 52                   | 8,548 94   |
| 64             | Winnipeg, Selkirk and Lake Winnipeg.....            |  | 2,191 28                    | 230 69   |
| 65             | Woodstock, Thames Valley and Ingersoll.....         |  | 492 55                      | 107 95   |
| 66             | Yarmouth Light and Power Co.....                    |  | 146 76                      | 73 89  |
|                | Totals.....   | 646,635 55   | 387,760 41                  | 110,099 58   |



## SESSIONAL PAPER No. 20b

the year ending December 31, 1919—Continued

pour l'année terminée le 31 décembre 1919—suite

| Comptes non répartis                         |  |   |   |  |  |                |
|--|--|---|---|--|--|----------------|
| Store Expenses<br>—<br>Dépenses des magasins | Stable Expenses<br>—<br>Dépenses des écuries | Rent of Tracks and Terminals<br>—<br>Loyer de voies et terminus | Rent of Equipment<br>—<br>Loyer de matériel | Total Undistributed Accounts<br>—<br>Total, comptes non répartis | Grand Total Operating Expenses<br>—<br>Grand total, frais d'exploitation | No.<br>—<br>N° |
| \$ cts.                                      | \$ cts.                                      | \$ cts.   | \$ cts.                                     | \$ cts.  | \$ cts.  |                |
| 35 00  | 919 67                                       | .....   | .....                                       | 4,643 36   | 74,918 42  | 56             |
| 84,089 58                                    | 863 08                                       | .....   | .....                                       | 354,759 09   | 5,754,452 17   | 57             |
| 3,646 42                                     | 1,390 56                                     | .....   | .....                                       | 16,508 44  | 405,304 61   | 58             |
| 2,546 29                                     | .....  | .....   | 50 40                                       | 7,668 71   | 352,472 29   | 59             |
| 4,399 08                                     | 5,579 16                                     | .....   | .....                                       | 47,756 08  | 738,778 12   | 60             |
| .....  | .....  | .....   | .....                                       | 350 38   | 9,039 87   | 61             |
| 571 25                                       | .....  | .....   | .....                                       | 14,067 54  | 168,560 16   | 62             |
| 3,678 80                                     | 3,667 91                                     | 1,001 00  | .....                                       | 67,183 45  | 2,247,310 22   | 63             |
| .....  | .....  | 501 00  | .....                                       | 2,922 97   | 111,820 38   | 64             |
| .....  | .....  | 200 00  | .....                                       | 800 50   | 19,498 37  | 65             |
| .....  | 117 81                                       | .....   | .....                                       | 338 46   | 15,361 82  | 66             |
| 196,787 15                                   | 45,125 84                                    | 163,261 01  | 187,105 97                                  | 1,736,775 51   | 31,385,702 34  |                |

II GEORGE V, A. 1921

TABLE 4—Summary of Operating Expenses for  
TABLEAU 4—Sommaire des frais d'exploitation

| No.<br>—<br>N° | Name of Railway<br>—<br>Nom du tramway                                     | Income<br>—<br>Revenu  |   |   |  |
|----------------|--|--|---|---|--|
|                |  | Net Earnings<br>from<br>Operation<br>—<br>Recettes<br>nettes<br>d'exploitation | Net Loss<br>from<br>Operation<br>—<br>Pertes nettes<br>d'exploitation | Miscellaneous<br>Income<br>—<br>Revenus<br>divers | Total Income<br>from<br>Operation<br>—<br>Revenu total<br>d'exploitation |
|                |  | \$    cts.   | \$    cts.  | \$    cts.  | \$    cts.   |
| 1              | Brandon Municipal.....   |  | 1,463 54  |   | -1,463 54  |
| 2              | Brantford and Hamilton.....  | 96,638 75  |   |   | 96,638 75  |
| 3              | Brantford Municipal.....   | 41,705 76  |   |   | 41,705 76  |
| 4              | British Columbia.....  | 970,723 61   |   | 1,288,242 63                                      | 2,258,966 24   |
| 5              | Calais Street.....   | 4,245 61   |   |   | 4,245 61   |
| 6              | Calgary Municipal.....   | 231,029 10   |   | 19,455 52   | 250,484 62   |
| 7              | Canadian Resources Development Co.....                                     |  | 857 33  |   | -857 33  |
| 8              | Cape Breton.....   | 46,646 67  |   | 137,199 23  | 183,845 90   |
| 9              | Chatham, Wallaceburg and Lake Erie.....                                    | 30,254 25  |   |   | 30,254 25  |
| 10             | Cornwall Street Railway, Light and<br>Power Co.....                        | 12,512 88  |   | 181 34  | 12,694 22  |
| 11             | Edmonton Radial.....   | 212,272 09   |   |   | 212,272 09   |
| 12             | Fort William.....  | 41,506 02  |   | 31,707 06   | 73,273 08  |
| 13             | Grand River.....   | 54,891 84  |   | 1,703 12  | 56,594 96  |
| 14             | Guelph Radial.....   |  | 13 28   |   | -13 28   |
| 15             | Hamilton and Dundas Street.....  | 8,174 85   |   |   | 8,174 85   |
| 16             | Hamilton, Grim-by and Beamsville.....                                      |  | 1,452 35  |   | -1,452 35  |
| 17             | Hamilton Radial.....   | 5,747 17   |   |   | 5,747 17   |
| 18             | Hamilton Street.....   | 212,478 34   |   |   | 212,478 34   |
| 19             | Hull Electric Co.....  | 95,074 27  |   | 31,045 82   | 126,120 09   |
| 20             | International Transit Co.....  | 79,555 14  |   | 1,422 46  | 80,977 60  |
| 21             | Kingston, Portsmouth and Cataract.....                                     | 9,488 88   |   | 1,000 54  | 10,489 42  |
| 22             | Kitchener and Waterloo Street.....   | 25,733 13  |   | 493 99  | 26,227 12  |
| 23             | Lake Erie and Northern.....  | 87,009 52  |   | 311 60  | 87,321 12  |
| 24             | Lethbridge Municipal.....  |  | 2,600 02  |   | -2,600 02  |
| 25             | Levis County.....  | 6,763 71   |   |   | 6,763 71   |
| 26             | London and Port Stanley.....   | 145,415 76   |   | 3,514 45  | 148,930 21   |
| 27             | London Street.....   | 99,864 44  |   |   | 99,864 44  |
| 28             | Moncton Tramways, Electricity and<br>Gas Co.....                           | 3,744 60   |   | 21,887 59   | 25,632 19  |
| 29             | Montreal Tramways.....   | 2,444,532 64   |   | 31,675 96   | 2,476,208 60   |
| 30             | Montreal and Southern Counties.....  |  | 3,450 33  | Dr. 0 05  | -3,450 38  |
| 31             | Moose Jaw.....   | 5,641 37   |   |   | 5,641 37   |
| 32             | New Brunswick Power Co.....  | 56,453 58  |   | 194,149 10  | 250,602 68   |
| 33             | Niagara Falls Park and River division<br>of the International Railway..... | 65,672 01  |   | 8,365 83  | 74,037 84  |
| 34             | Niagara, St. Catharines and Toronto.....                                   | 174,327 37   |   |   | 174,327 37   |
| 35             | Niagara, Welland and Lake Erie.....  | 11,996 97  |   | 339 05  | 12,336 02  |
| 36             | Nipissing Central.....   | 10,056 44  |   | 276 73  | 10,333 17  |
| 37             | Nova Scotia Tramways and Power Co.....                                     | 71,680 95  |   | 239,794 21  | 311,475 16   |
| 38             | Nelson Municipal.....  | 1,420 36   |   |   | 1,420 36   |
| 39             | Oshawa.....  | 117,122 47   |   | 6,502 05  | 123,624 52   |
| 40             | Ottawa.....  | 547,178 42   |   |   | 547,178 42   |
| 41             | Peterborough Radial.....   | 2,093 27   |   |   | 2,093 27   |
| 42             | Pietou County Electric Co.....   | 16,770 85  |   | 102,594 23  | 119,365 08   |
| 43             | Port Arthur Civic.....   | 68,011 19  |   | 7,994 34  | 76,005 53  |
| 44             | Quebec Railway, Light and Power<br>(Citadel).....                          | 238,612 06   |   |   | 238,612 06   |
| 45             | Quebec Railway, Light and Power<br>(Montmorency).....                      | 207,783 82   |   |   | 207,783 82   |
| 46             | Regina Municipal.....  | 72,235 93  |   |   | 72,235 93  |
| 47             | Sandwich, Windsor and Amherstburg.....                                     | 119,893 94   |   | 21,399 89   | 141,293 83   |
| 48             | Sarnia Street.....   | 10,011 62  |   |   | 10,011 62  |
| 49             | Saskatoon Municipal.....   | 48,479 11  |   |   | 48,479 11  |
| 50             | Schomberg and Aurora.....  |  | 1,471 44  |   | -1,471 44  |
| 51             | Shawinigan Falls Terminal.....   |  | 10,134 00   |   | -10,134 00   |
| 52             | Sherbrooke Railway and Power Co.....                                       |  | 10,218 10   | 80,545 64   | 70,327 54  |
| 53             | St. Thomas Municipal.....  |  | 12,083 99   | 221 20  | -11,862 79   |

## SESSIONAL PAPER No. 17f

the year ending December 31, 1919—Continued

pour l'année terminée le 31 décembre 1919—suite

| Deduction from Income<br>—<br>Déductions du revenu |  |   |   |              | Net                   |                      | No.<br>—<br>N <sup>o</sup> |
|--|--|---|---|--------------|-----------------------|----------------------|----------------------------|
| Taxes  | Interest on<br>Funded<br>Debt<br>—<br>Intérêt<br>sur dette<br>consolidée | Interest on<br>Floating<br>Debt<br>—<br>Intérêt<br>sur dette<br>flottante | All<br>other<br>Deductions<br>—<br>Toutes<br>autres<br>déductions | Total        | Income<br>—<br>Revenu | Loss<br>—<br>Déficit |                            |
| \$ cts.  | \$ cts.  | \$ cts.   | \$ cts.   | \$ cts.      | \$ cts.               | \$ cts.              |                            |
|  | 21,000 00  | 668 66  |   | 21,668 66    |                       | 23,132 20            | 1                          |
| 6,511 88   | 39,600 00  | 50,201 02   |   | 96,312 90    | 325 85                |                      | 2                          |
| 1,526 26   | 19,750 00  |   |   | 21,276 26    | 20,429 50             |                      | 3                          |
| 299,879 18   | 642,472 15   |   | 110,445 92  | 1,052,797 25 | 1,206,168 99          |                      | 4                          |
| 1,017 67   | 5,000 00   |   |   | 6,017 67     |                       | 1,772 06             | 5                          |
| 5,711 51   | 110,182 85   |   |   | 115,894 36   | 134,590 26            |                      | 6                          |
|  |  |   |   |              |                       | 857 33               | 7                          |
| 19,855 34  | 54,800 00  | 1,667 21  | 48,300 00   | 124,622 55   | 59,223 35             |                      | 8                          |
| 7,956 39   | 34,725 00  | 4,056 28  | 222 90  | 46,960 57    |                       | 16,706 32            | 9                          |
|  |  | 49 50   |   | 1,221 54     | 11,472 68             |                      | 10                         |
|  | 141,782 58   |   |   | 141,782 58   | 70,489 51             |                      | 11                         |
|  | 64,440 00  |   |   | 64,440 00    | 8,833 08              |                      | 12                         |
| 5,110 58   | 17,040 00  |   |   | 22,150 58    | 34,444 38             |                      | 13                         |
| 1,700 74   |  |   |   | 1,700 74     |                       | 1,714 02             | 12                         |
| 1,498 62   | 5,000 00   |   |   | 6,498 62     | 1,676 23              |                      | 15                         |
| 6,278 94   | 7,500 00   | 3,605 05  |   | 17,383 99    |                       | 18,836 34            | 16                         |
| 6,733 75   | 8,000 00   | 52,017 54   |   | 66,751 29    |                       | 61,004 12            | 17                         |
| 90,670 22  | 17,079 80  | 1,777 71  |   | 109,527 73   | 102,950 61            |                      | 18                         |
| 1,970 16   |  | 85,006 48   | 667 10  | 87,643 74    | 38,476 35             |                      | 19                         |
| 1,717 10   | 6,207 29   | 1,909 22  | 6,656 66  | 16,490 27    | 64,487 33             |                      | 20                         |
| 788 85   | 4,000 00   |   |   | 4,788 85     | 5,700 57              |                      | 21                         |
| 328 19   | 7,096 31   |   |   | 7,424 50     | 18,802 62             |                      | 22                         |
| 5,289 06   | 92,700 00  |   |   | 97,989 06    |                       | 10,667 94            | 23                         |
| 6,441 64   | 21,530 69  |   |   | 27,972 33    |                       | 30,572 35            | 24                         |
| 799 18   | 25,000 00  | 1,122 94  | 2,954 59  | 29,876 71    |                       | 23,113 00            | 25                         |
| 5,961 76   | 144,156 88   |   |   | 150,118 64   |                       | 1,188 43             | 26                         |
| 7,229 62   | 27,216 76  | 1,933 08  |   | 36,379 46    | 63,484 98             |                      | 27                         |
|  |  |   |   |              | 25,632 19             |                      | 28                         |
| 258,860 88   | 1,008,292 61   |   | 540,755 31  | 1,807,908 80 | 668,299 80            |                      | 29                         |
| 10,300 00  |  | 76,388 78   |   | 86,688 78    |                       | 90,139 16            | 30                         |
|  | 1,750 00   | 1,658 77  |   | 3,408 77     | 2,232 60              |                      | 31                         |
| 9,403 43   | 87,500 00  | 6,904 12  |   | 103,807 55   | 146,795 13            |                      | 32                         |
| 6,250 99   | 30,000 00  |   |   | 36,250 99    | 37,786 85             |                      | 33                         |
| 13,829 17  | 54,900 00  | 7,972 42  |   | 76,701 59    | 97,625 78             |                      | 34                         |
| 1,248 02   | 1,775 00   |   |   | 3,023 02     | 9,313 00              |                      | 35                         |
| 872 75   |  |   | 9,474 01  | 10,346 76    |                       | 13 59                | 36                         |
| 98,303 13  | 129,832 18   | 9,812 11  | 4,974 60  | 242,922 02   | 68,553 14             |                      | 37                         |
|  | 4,050 00   |   |   | 4,050 00     |                       | 2,629 64             | 38                         |
| 29,994 64  | 798 74   |   |   | 30,793 38    | 92,831 14             |                      | 39                         |
| 65,080 47  | 15,620 00  | 14,355 61   |   | 95,056 08    | 452,122 34            |                      | 40                         |
| 198,79   | 12,659 81  |   |   | 12,858 60    |                       | 10,765 33            | 41                         |
| 5,194 75   | 28,750 02  |   | 82,517 35   | 116,462 12   | 2,902 96              |                      | 42                         |
|  | 41,030 85  | 27,349 88   | 1,232 41  | 69,613 14    | 6,392 39              |                      | 43                         |
|  |  |   |   | 2,336 13     | 236,275 93            |                      | 44                         |
|  |  |   | 19,237 50   | 97,911 24    | 207,783 82            |                      | 45                         |
| 22,458 93  | 78,673 74  |   |   | 58,908 93    | 82,384 90             | 25,675 31            | 46                         |
| 925 30   | 36,450 00  |   | 516 80  | 5,942 10     | 4,069 52              |                      | 47                         |
|  | 4,500 00   |   |   | 40,203 38    | 8,275 73              |                      | 48                         |
|  | 39,873 38  | 330 00  |   | 29,385 41    |                       | 30,856 85            | 49                         |
| 135 41   | 29,250 00  |   |   | 15,692 00    |                       | 25,826 00            | 50                         |
|  | 7,500 00   | 8,192 00  |   | 72,232 77    |                       | 1,905 25             | 51                         |
| 691 98   | 54,713 29  | 16,513 61   | 313 89  | 11,198 80    |                       | 23,061 59            | 52                         |
| 5 00   | 11,193 80  |   |   |              |                       |                      | 53                         |

II GEORGE V, A. 1921

TABLE 4—Summary of Operating Expenses for  
TABLEAU 4—Sommaire des frais d'exploitation

| No.<br>N <sup>o</sup> | Name of Railway<br>—<br>Nom du tramway                 | Income<br>—<br>Revenu  |   |   |  |
|-----------------------|--|--|---|---|--|
|                       |  | Net Earnings<br>from<br>Operation<br>—<br>Recettes<br>nettes<br>d'exploitation | Net Loss<br>from<br>Operation<br>—<br>Pertes nettes<br>d'exploitation | Miscellaneous<br>Income<br>—<br>Revenus<br>divers | Total Income<br>from<br>Operation<br>—<br>Revenu total<br>d'exploitation |
|                       |  | \$ cts.  | \$ cts.   | \$ cts.   | \$ cts.  |
| 54                    | Sudbury, Copper Cliff Suburban .....                   | 12,422 49  |   |   | 12,422 49  |
| 55                    | Suburban Rapid Transit Co.....                         |  | 8,554 78  | 22,290 88   | 13,736 10  |
| 56                    | Three Rivers Traction Co.....                          | 53,447 44  |   |   | 53,447 44  |
| 57                    | Toronto.....   | 1,412,477 77   |   | 112,651 07  | 1,525,128 84   |
| 58                    | Toronto Civic.....                                     | 37,786 62  |   |   | 37,786 62  |
| 59                    | Toronto Suburban.....                                  | 42,041 71  |   | 568 36  | 42,610 07  |
| 60                    | Toronto and York Radial.....                           | 147,214 70   |   |   | 147,214 70   |
| 61                    | Waterloo, Wellington Railway Co .....                  | 2,439 00   |   |   | 2,439 00   |
| 62                    | Windsor, Essex and Lake Shore Rapid<br>Railway Co..... | 60,458 74  |   |   | 60,458 74  |
| 63                    | Winnipeg.....  | 681,235 43   |   | 530,512 01  | 1,211,747 44   |
| 64                    | Winnipeg, Selkirk and Lake Winnipeg....                | 58,919 07  |   | 21,793 14   | 80,712 21  |
| 65                    | Woodstock, Thames Valley and Ingersoll.....            | 5,863 42   |   |   | 5,863 42   |
| 66                    | Yarmouth Light and Power Co .....                      | 39,425 56  |   | 1,198 59  | 40,624 15  |
|                       | Totals.....  | 9,365,182 71   | 52,299 16   | 2,921,097 58                                      | 12,233,981 13  |

## SESSIONAL PAPER No. 20b

the year ending December 31, 1919—Concluded

pour l'année terminée le 31 décembre 1919—fin

| Deduction from Income<br>—<br>Déductions du revenu |  |   |   |              | Net                   |                      | No.<br>—<br>N° |
|--|--|---|---|--------------|-----------------------|----------------------|----------------|
| Taxes  | Interest on<br>Funded<br>Debt<br>—<br>Intérêt<br>sur dette<br>consolidée | Interest on<br>Floating<br>Debt<br>—<br>Intérêt<br>sur dette<br>flottante | All<br>other<br>Deductions<br>—<br>Toutes<br>autres<br>déductions | Total        | Income<br>—<br>Revenu | Loss<br>—<br>Déficit |                |
| \$ cts.  | \$ cts.  | \$ cts.   | \$ cts.   | \$ cts.      | \$ cts.               | \$ cts.              |                |
| 676 58   | 5,759 79   |   |   | 6,436 37     | 5,986 12              |                      | 54             |
| 7,215 05   | 25,000 00  | 8,840 60  | 491 58  | 41,547 23    |                       | 27,811 13            | 55             |
| 647 61   | 22,500 00  |   |   | 23,147 61    | 30,299 83             |                      | 56             |
| 1,323,735 87                                       | 164,118 48   |   | 24,000 00   | 1,511,854 35 | 13,274 49             |                      | 57             |
|  | 102,216 64   |   | 6,616 03  | 108,832 67   |                       | 71,046 05            | 58             |
| 3,461 96   | 118,706 38   | 11,390 00   | 2,325 45  | 135,883 79   |                       | 93,273 72            | 59             |
| 12,799 42  | 61,500 00  | 81,741 81   | 37,669 17   | 193,710 40   |                       | 46,493 70            | 60             |
| 681 49   | 60 00  | 3,156 07  |   | 3,897 56     |                       | 1,458 56             | 61             |
| 2,691 49   | 43,750 00  | 537 05  |   | 46,978 54    | 13,480 20             |                      | 62             |
| 220,937 80   | 250,000 00   | 446,489 94  | 56,122 30   | 973,550 04   | 238,197 40            |                      | 63             |
| 3,044 03   | 32,660 00  | 10,529 77   | 2,934 25  | 49,168 05    | 31,544 16             |                      | 64             |
| 638 89   | 7,000 00   |   |   | 7,638 89     |                       | 1,775 47             | 65             |
| 1,365 30   | 14,885 50  |   | 1,625 33  | 17,876 13    | 22,748 02             |                      | 66             |
| 2,590,133 94                                       | 4,043,550 52   | 936,177 23  | 960,053 15  | 8,529,914 84 | 4,346,363 73          | 642,297 44           |                |

II GEORGE V, A. 1921

TABLE 5—Income Account for

TABLEAU 5—Bilan pour

| Name of Railway<br>—<br>Nom du tramway                                      | Deductions from Net Income—Dédutions du revenu net                                       |                              |  |   |   |
|---|--|------------------------------|--|---|---|
|   | Reserves<br>and<br>Special<br>Charges<br>—<br>Réserves<br>et<br>obligations<br>spéciales | Dividends<br>—<br>Dividendes | Total<br>Deductions<br>—<br>Dédutions<br>totales | Surplus<br>for<br>Year<br>—<br>Surplus<br>pour<br>l'année | Deficit<br>for<br>Year<br>—<br>Déficit<br>pour<br>l'année |
|   | \$ cts.  | \$ cts.                      | \$ cts.  | \$ cts.   | \$ cts.   |
| Brandon Municipal.....  | 11,517 43  |                              | 11,517 43  |   | 34,649 63   |
| Brantford and Hamilton.....   |  |                              |  | 325 85  |   |
| Brantford Municipal.....  | 18,014 00  |                              | 18,014 00  | 2,415 50  |   |
| British Columbia.....   | 797,518 36   | *1,117,440 00                | 1,914,958 36                                     |   | 708,789 37  |
| Calais Street.....  |  |                              |  |   | 1,772 06  |
| Calgary Municipal.....  | 92,357 31  |                              | 92,357 31  | 42,232 95   |   |
| Canadian Resources Development Co.....                                      |  |                              |  |   | 857 33  |
| Cape Breton.....  | 13,228 49  | 47,790 00                    | 61,018 49  |   | 1,795 14  |
| Chatham, Wallaceburg and Lake Erie.....                                     |  |                              |  |   | 16,706 32   |
| Cornwall Street Railway, Light and<br>Power Co.....                         | 3,500 00   |                              | 3,500 00   | 7,972 68  |   |
| Edmonton Radial.....  | 130,164 36   |                              | 130,164 36                                       |   | 59,674 85   |
| Fort William.....   | 36,409 22  |                              | 36,409 22  |   | 27,576 14   |
| Grand River.....  |  | 12,500 00                    | 12,500 00  | 21,944 38   |   |
| Guelph Radial.....  |  |                              |  |   | 1,714 02  |
| Hamilton and Dundas Street.....   |  | 8,000 00                     | 8,000 00   |   | 6,323 77  |
| Hamilton, Grimsby and Beamsville.....                                       |  |                              |  |   | 18,836 34   |
| Hamilton Radial.....  |  |                              |  |   | 61,004 12   |
| Hamilton Street.....  |  | 84,350 00                    | 84,350 00  | 18,600 61   |   |
| Hull Electric Co.....   | 44,297 76  |                              | 44,297 76  |   | 5,821 41  |
| International Transit Co.....   |  | 15,000 00                    | 15,000 00  | 49,487 33   |   |
| Kingston, Portsmouth and Catarauqui...<br>.....                             | 3,345 22   |                              | 3,345 22   | 2,355 35  |   |
| Kitchener and Waterloo Street.....  | 14,804 93  |                              | 14,804 93  | 3,997 69  |   |
| Lake Erie and Northern<br>Lethbridge Municipal.....                         | 9,956 98   |                              | 9,956 98   |   | 10,667 94   |
| Levis County.....   |  |                              |  |   | 40,529 33   |
| London and Port Stanley.....  | 20,200 36  |                              | 20,200 36  |   | 23,113 00   |
| London Street.....  | 33,027 08  |                              | 33,027 08  | 30,457 90   | 21,388 79   |
| Moncton Tramways, Electricity and Gas<br>Co.....                            |  |                              |  | 25,632 19   |   |
| Montreal Tramways.....  | 96,883 58  | 923,005 50                   | 1,019,889 08                                     |   | 351,589 28  |
| Montreal and Southern Counties.....   |  |                              |  |   | 90,139 16   |
| Moosejaw.....   | 10,071 15  |                              | 10,071 15  |   | 7,838 55  |
| New Brunswick Power Co.....   | 31,614 34  | 112,000 00                   | 143,614 34                                       | 3,180 89  |   |
| Niagara Falls, Park and River division<br>of the International Railway..... |  |                              |  | 37,786 85   |   |
| Niagara, St. Catharines and Toronto.....                                    |  |                              |  | 97,625 78   |   |
| Niagara, Welland and Lake Erie.....   | 3,000 00   |                              | 3,000 00   | 6,331 00  |   |
| Nipissing Central.....  |  |                              |  |   | 13 59   |
| Nova Scotia Tramways and Power Co.....                                      |  | 62,364 00                    | 62,364 00  | 6,189 14  |   |
| Nelson Municipal.....   |  |                              |  |   | 2,629 64  |
| Oshawa.....   | 11,550 00  | 2,800 00                     | 14,350 00  | 78,431 14   |   |
| Ottawa.....   | 170,000 00   | 281,580 00                   | 451,580 00                                       | 542 34  |   |
| Peterborough Radial.....  | 8,777 55   |                              | 8,777 55   |   | 19,542 83   |
| Pictou County Electric Co.....  |  |                              |  | 2,902 96  |   |
| Port Arthur Civic.....  |  |                              |  | 6,392 39  |   |
| Quebec Railway, Light and Power<br>(Citadel).....                           |  |                              |  | 236,275 93  |   |
| Quebec Railway, Light and Power<br>(Montmorency).....                       |  |                              |  | 207,783 82  |   |
| Regina Municipal.....   |  |                              |  |   | 25,675 31   |
| Sandwich, Windsor and Amherstburg...<br>.....                               |  |                              |  | 82,384 90   |   |
| Sarnia Street.....  |  | 5,400 00                     | 5,400 00   |   | 1,330 48  |
| Saskatoon Municipal.....  | 19,095 13  |                              | 19,095 13  |   | 10,819 40   |
| Schomberg and Aurora.....   |  |                              |  |   | 30,856 85   |
| Shawinigan Falls Terminal.....  |  |                              |  |   | 25,826 00   |
| Sherbrooke Railway and Power Co.....  |  |                              |  |   | 1,905 23  |

## SESSIONAL PAPER No. 20b

the year ending December 31, 1919

l'année terminée le 31 décembre 1919

| Name of Railway<br>—<br>Nom du tramway                 | Deductions from Net Income—Dédutions du revenu net |              |                      |                            |                            |
|--|--|--------------|----------------------|----------------------------|----------------------------|
|  | Reserves<br>and<br>Special<br>Charges              | Dividends    | Total<br>Deductions  | Surplus<br>for<br>Year     | Deficit<br>for<br>Year     |
|  | Réserves<br>et<br>obligations<br>spéciales         | Dividendes   | Dédutions<br>totales | Surplus<br>pour<br>l'année | Déficit<br>pour<br>l'année |
|  | \$ cts.  | \$ cts.      | \$ cts.              | \$ cts.                    | \$ cts.                    |
| St. Thomas Municipal.....                              |  |              |                      |                            | 23,061 59                  |
| Sudbury, Copper Cliff Suburban.....                    |  |              |                      | 5,986 12                   |                            |
| Suburban Rapid Transit Co.....                         |  |              |                      |                            | 27,811 13                  |
| Three Rivers Traction Co.....                          |  |              |                      | 30,299 83                  |                            |
| Toronto.....   |  |              |                      | 13,274 49                  |                            |
| Toronto Civic.....                                     | 70,737 03  |              | 70,737 03            |                            | 141,783 08                 |
| Toronto Suburban.....                                  |  |              |                      |                            | 93,273 72                  |
| Toronto and York Radial.....                           |  |              |                      |                            | 46,495 70                  |
| Waterloo, Wellington Railway Co.....                   |  |              |                      |                            | 1,458 56                   |
| Windsor, Essex and Lake Shore Rapid<br>Railway Co..... |  |              |                      | 13,480 20                  |                            |
| Winnipeg.....  | 141,392 29   |              | 141,392 29           | 96,805 11                  |                            |
| Winnipeg, Selkirk and Lake Winnipeg....                | 9,834 00   |              | 9,834 00             | 21,710 16                  |                            |
| Woodstock, Thames Valley and Inger-<br>soll.....       |  |              |                      |                            | 1,775 47                   |
| Yarmouth Light and Power Co.....                       | 9,500 00   | 12,500 00    | 22,000 00            | 748 02                     |                            |
| Totals—Totaux.....                                     | 1,810,796 57                                       | 2,684,729 50 | 4,495,526 07         | 1,153,585 40               | 1,945,045 18               |

\*Including Light and Power and Subsidiary Companies.

\*Y compris éclairage et force motrice et compagnies filiales.





## SESSIONAL PAPER No. 20b

|   |       |     |     |       |     |    |    |     |    |     |     |       |
|---|-------|-----|-----|-------|-----|----|----|-----|----|-----|-----|-------|
| Montreal Tramways.....  | 937   | 145 | 115 | 1,197 | 84  | 5  | 4  | 32  | 9  | 38  | 8   | 1,368 |
| Montreal and Southern Counties.....                                 | 30    |     |     | 30    | 2   |    |    | 2   | 2  | 1   |     | 47    |
| Moosjow.....  | 21    |     |     | 21    |     |    |    | 1   |    |     |     | 23    |
| New Brunswick Power Co.....   | 46    | 26  |     | 72    |     |    |    | 4   | 3  | 4   |     | 83    |
| Niagara Falls Park and River division of International Railway..... | 11    | 16  |     | 27    |     |    | 2  | 3   | 1  | 1   | 2   | 32    |
| Niagara, St. Catharines and Toronto.....                            | 31    | 8   |     | 39    |     | 1  |    |     | 1  | **  | 7   | 52    |
| Niagara, Welland and Lake Erie.....                                 | 3     |     |     | 3     |     |    |    |     | 1  |     |     | 4     |
| Nipissing Central.....  | 10    |     |     | 10    | 2   |    |    |     | 1  |     | 1   | 14    |
| Nova Scotia Tramways and Power Co.....                              | 40    | 18  | 4   | 62    |     |    |    |     | 1  | 5   | 3   | 71    |
| Nelson Municipal.....   | 2     |     |     | 2     |     |    |    | 1   | 1  | 1   | †   | 3     |
| Oshawa.....   | 125   | 40  | 8   | 8     | 3   | 1  |    | 1   | 4  | 9   | 2   | 18    |
| Ottawa.....   | 14    | 8   |     | 105   |     |    |    | 4   | 4  | 2   |     | 184   |
| Peterborough Radial.....  | 11    |     |     | 22    |     |    |    | 1   | 3  | 2   |     | 25    |
| Picton County Electric Co.....                                      | 11    |     |     | 11    | 3   |    |    | 1   | 2  |     |     | 18    |
| Port Arthur Civic.....  | 24    | 1   |     | 25    |     | 1  |    |     | 3  |     |     | 28    |
| Quebec Railway, Light and Power (Citadel).....                      | 69    | 16  |     | 85    |     |    |    | 1   | 4  | 7   | 7   | 104   |
| Quebec Railway, Light and Power (Montmorency).....                  | 15    |     |     | 15    | 1   |    |    |     | 1  | **  | 1   | 17    |
| Rogina Municipal.....   | 34    |     |     | 34    | 28  |    |    | 1   | 1  | 2   |     | 66    |
| Sandwich, Windsor and Amherstburg.....                              | 36    | 21  |     | 57    | 4   |    |    | 15  |    |     |     | 76    |
| Sarnia Street.....  | 10    | 2   |     | 12    |     | 1  |    | 2   | 1  | 1   | 2   | 30    |
| Saskatoon Municipal.....  | 24    |     |     | 24    |     |    |    |     |    |     | 13  | 14    |
| Schomberg and Aurora.....   | 1     |     |     | 1     |     |    |    |     |    |     | §   | 2     |
| Shawinigan Falls Terminal.....                                      | 10    | 9   |     | 19    |     |    |    |     | 1  | 1   |     | 21    |
| Sherbrooke Railway and Power Co.....                                | 11    | 4   |     | 15    |     |    |    |     | 1  |     |     | 16    |
| St. Thomas Municipal.....   | 4     |     |     | 4     |     |    |    |     | 1  | 1   |     | 5     |
| Sudbury, Coppercliff, Suburban.....                                 |       |     |     |       |     |    |    |     |    |     |     |       |
| Suburban Rapid Transit Co.....                                      | 14    |     |     | 14    |     |    |    |     | 1  | 1   |     | 16    |
| Three Rivers Traction Co.....                                       | 279   | 85  | 530 | 894   |     |    |    | 12  | 17 | 17  | 23  | 946   |
| Toronto.....  | 45    |     |     | 45    |     |    |    |     | 3  | 3   |     | 48    |
| Toronto Civic.....  |       |     |     | 26    | 2   |    |    | 2   | 2  | 1   |     | 33    |
| Toronto Suburban.....   | 49    | 3   | 22  | 52    | 15  | 11 |    | 10  | 4  | 1   | **  | 95    |
| Toronto and York Radial.....  | 3     |     |     | 3     |     |    |    |     |    |     |     | 10    |
| Waterloo, Wellington Railway Co.....                                | 11    |     |     | 11    | 19  |    |    | 11  | 1  | †   | 7   | 33    |
| Windsor, Essex and Lake Shore Rapid Railway Co.....                 | 321   | 15  |     | 336   |     |    |    | 10  | 1  | 8   | 2   | 357   |
| Winnipeg.....   | 15    |     |     | 15    | 5   |    |    | 15  | 1  | 1   | 3   | 39    |
| Winnipeg, Selkirk and Lake Winnipeg.....                            | 3     | 2   |     | 5     |     |    |    |     |    |     | 5   | 7     |
| Woodstock, Thames Valley and Ingersoll.....                         | 3     | 3   |     | 6     |     |    |    |     | 1  |     |     | 7     |
| Yarmouth Light and Power Co.....                                    | 3     | 3   |     | 6     |     |    |    |     |    |     |     | 7     |
| Totals.....   | 3,120 | 513 | 766 | 4,399 | 718 | 43 | 17 | 207 | 62 | 142 | 146 | 5,734 |

\* Includes 17 Locomotives—Y compris 17 locomotives.

\*\*Electric Locomotives—Locomotives électriques.

†Electric Shunters—4 locomotives de manœuvre.

‡Combination Express and Locomotive—Voiture mixte.

§An Electric Locomotive—Une locomotive électrique.

†One Electric Engine and one Combination Express—Un engin électrique et une locomotive mixte.

CANADA  
BUREAU FÉDÉRAL DE LA STATISTIQUE  
SECTION DES TRANSPORTS

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# STATISTIQUE DES CHEMINS DE FER

POUR  
L'ANNÉE TERMINÉE LE 31 DÉCEMBRE  
1919

*(D'après les rapports officiels fournis par les différentes compagnies de chemins de fer)*

---

IMPRIMÉ PAR ORDRE DU PARLEMENT



OTTAWA  
THOMAS MULVEY  
IMPRIMEUR DE SA TRÈS EXCELLENTE MAJESTÉ LE ROI  
1921

N° 20b—1921]—*Prix, cents.*

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# STATISTIQUE DES CHEMINS DE FER

## PRÉFACE

La statistique des chemins de fer est tirée des données que contiennent les rapports officiels faits par les compagnies de chemins de fer du Canada, en vertu des dispositions de la Loi des Chemins de Fer de 1919 et de la Loi de la Statistique de 1918.

L'année financière et statistique des chemins de fer, qui se terminait précédemment le 30 juin, a été changée en 1919; elle se confond maintenant avec l'année civile ou de calendrier. Les chiffres se rapportant aux six mois courus de janvier à juin 1919, sont compris dans le présent rapport, mais ils figuraient déjà dans le rapport qui couvre l'exercice terminé le 30 juin 1919. Dans chaque tableau où l'année 1919 paraît deux fois, la première série de chiffres se rapporte à l'exercice terminé le 30 juin 1919, et la seconde série à l'année terminée le 31 décembre 1919.

Tous les états et tableaux comparatifs publiés dans l'introduction ont été complètement révisés et corrigés. Parmi les corrections les plus importantes, il convient de relater les suivantes:

Dans ses rapports de 1917 et 1918, la compagnie du chemin de fer "Canadian Northern" a fait figurer les statistiques concernant la compagnie des tramways électriques "Niagara, St-Catharines and Toronto"; d'autre part, les statistiques de cette dernière compagnie étaient également comprises dans les statistiques des tramways électriques. Il y avait donc double emploi, et ce double emploi était d'autant plus fâcheux que ces tramways transportaient un nombre de voyageurs plus considérable que celui des voyageurs transportés par le réseau à vapeur du "Canadian Northern"; en fait, ces voyageurs représentaient environ dix pour cent du total des voyageurs transportés par tous les chemins de fer à vapeur du Canada. Cette correction a été faite dans le présent rapport, d'abord, dans la colonne consacrée à "Voyageurs transportés" et ensuite, dans la colonne consacrée à "Voyageurs transportés un mille"; les moyennes se trouvent, par conséquent, affectées par ces changements. D'autres corrections affectent également les totaux, mais dans une proportion inférieure à un pour cent, dans la plupart des cas. Dans le tableau relatif à la capitalisation, une addition de \$5,115,200 a été faite aux chiffres de l'exercice terminé le 30 juin 1919; cette somme représente la capitalisation des compagnies filiales du "Canadian Northern", lesquelles avaient été jusqu'ici négligées. Sous l'en-tête "Subsides accordés", l'item "emprunts" se confondait parfois avec la dette consolidée; cette dernière a été complètement éliminée et ne se trouve plus maintenant qu'à la place qui lui revient.

Dans le tableau intitulé "Capitalisation des tramways électriques", les valeurs émises par "The London and Port Stanley Railway" et la dette consolidée de cette compagnie, depuis qu'elle emploie l'électricité comme force motrice, ne comprenaient que l'émission faite par les locataires du réseau, la capitalisation et la dette consolidée de l'ancienne entreprise n'y figurant pas; dans le présent rapport, on trouvera la capitalisation totale de ce réseau. Nous avons placé des renvois au bas des pages, toutes les fois qu'il a été nécessaire d'expliquer l'absence de certains chiffres ou le groupement de plusieurs item dans une même colonne.

Le présent rapport a été élaboré sous la direction de M. G. S. Wrong, B.Sc., la compilation des principaux tableaux étant l'œuvre de M. J. S. Woodill.

BUREAU FÉDÉRAL DE LA STATISTIQUE,  
Ottawa, 22 avril 1921.

R. H. COATS,  
*Statisticien du Dominion.*

## INTRODUCTION ET RÉSUMÉ.

### CHEMINS DE FER.

Lorsqu'on examine la situation des chemins de fer en 1919, le fait qui s'impose tout d'abord à l'attention, c'est que sur les 61 compagnies figurant dans les statistiques, 30 d'entre elles seulement ont encaissé des recettes égales ou supérieures à leurs dépenses d'exploitation. (Les chemins de fer de l'Etat canadiens sont considérés comme constituant deux réseaux distincts, l'un étant le Canadien Northern et l'autre formé par le groupement de toutes les autres lignes). Ces 30 compagnies exploitent 20,982 milles de voies, sur un total de 40.139 milles (y compris droits de circulation), soit 52 pour cent, et leurs gains nets dérivés de l'exploitation se sont élevés à \$55,541,597. Les 31 autres compagnies ont subi un déficit d'exploitation de \$23,732,329.

Mais 24 compagnies seulement ont réalisé des bénéfices, leurs recettes couvrant non seulement les dépenses d'exploitation, mais encore la rémunération du capital, les impôts, etc.: celles-ci exploitent 20,552 milles et ont encaissé un revenu net de \$39,456,106. Dans cette somme figurent les revenus des embranchements du Grand Tronc Pacifique, représentant 1,041 milles de voies, dont l'exploitation accuse un déficit, mais qui ont reçu, à titre de subsides, \$4,000,158 du Grand Tronc Pacifique. Les pertes subies par les 37 autres compagnies ont atteint \$54,384,773, dont \$26,187,509 par le Canadien Northern, \$7,133,295 par les autres lignes de l'Etat et \$13,483,064 par le Grand Tronc Pacifique.

Les statistiques contenues dans le présent rapport ne peuvent être mises en parallèle avec celles de l'exercice terminé le 30 juin 1919, puisque les unes et les autres comprennent six mois écoulés entre janvier et juin 1919; c'est pour cette raison que nous nous servons ci-après, comme terme de comparaison, des chiffres de l'exercice terminé le 30 juin 1918.

D'autre part, en effectuant cette comparaison, il faut tenir compte de l'élévation de tarif de 15 p.c. survenue en mars 1918 et affectant la plupart des marchandises, d'une autre augmentation de 25 p.c. qui prit effet en août 1918 et de la hausse des tarifs de voyageurs, de 15 p.c., en mars 1918. Les nouveaux tarifs ont existé pendant toute la durée de l'année 1919, mais seulement pendant une portion de l'exercice terminé le 30 juin 1918.

En 1919, une tonne-mille a rapporté 1.003 cent, au lieu de .736 cent durant l'exercice terminé le 30 juin 1918, soit une augmentation de 36 pour cent. Un voyageur transporté un mille a payé en moyenne 2.63 cents, au lieu de 2.12 cents, soit 24 p.c. en sus. La distance moyenne parcourue par une tonne est plus courte, n'étant que de 295 milles contre 303 milles: par contre, chaque voyageur a parcouru, en moyenne, 76.6 milles, au lieu de 70.5 milles. Les marchandises transportées n'ont pas dépassé 111,487,780 tonnes, au lieu de 127,543,687, cette diminution ayant porté principalement sur des produits à tarif réduit tels que la houille bitumineuse qui a décréu de 7,510,306 tonnes et les minerais qui ont baissé de 2,616,414 tonnes, conséquence des grèves qui ont sévi dans les industries minières et métallurgiques pendant l'été et l'automne de 1919. Quoique les tonnes-milles aient diminué de 4,078,473,957 unités, soit 15 pour cent, les recettes en provenant ont passé de \$228,244,416 à \$270,533,047, soit une augmentation de \$42,288,631, ou 18.5 pour cent, attribuable à l'élévation des tarifs. Le nombre des voyageurs ayant circulé sur les trains s'est accru de 2,991,818, soit 6.7 pour cent, et celui des voyageurs transportés un mille, de 497,410,314, soit 15.7 pour cent. La surélévation des tarifs, l'accroissement de la longueur des parcours et du nombre des voyageurs ont porté les recettes provenant des voyageurs de \$67,089,363 à \$96,262,241, soit un gain sur l'exercice précédent de \$29,172,878 ou 43.4 pour cent. Les recettes d'exploitation ont atteint \$408,598,360, contre \$330,220,150, mais cette augmentation de \$78,378,-

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210 ne compense cependant pas l'accroissement des dépenses d'exploitation, égal à \$102,833,657 et laisse une différence passive de \$24,455,447. Les dépenses d'exploitation se totalisent par \$376,789,093, soit une moyenne de \$9,645 par mille de voie et de \$3.52 par train-mille.

Pour l'année 1919, les traitements, appointements et salaires représentent \$233,323,074, en augmentation de \$81,048,122, soit 53 pour cent. Parmi les dépenses d'exploitation, la hausse la plus considérable se trouve dans le chapitre de l'entretien des voies et ouvrages, lesquelles, de \$51,614,858 ont bondi à \$82,343,530, soit une avance de \$30,728,672 ou 59.5 pour cent. Les dépenses de traction ont passé de \$145,107,396 à \$181,979,405, soit une augmentation de \$36,872,009 ou 25.4 pour cent et l'entretien du matériel roulant de \$57,304,235 à \$85,577,378, soit une augmentation de \$28,273,143 ou 49.4 pour cent.

Au cours des cinq années et demie qui se sont écoulées depuis 1914, l'ensemble des dépenses d'exploitation s'est accru de plus de 110 pour cent.

En formant une masse unique de tous les salaires, soit mensuels soit quotidiens, et en supposant une durée de travail de 10 heures par jour pour le personnel uniformément, on constate que la moyenne du prix d'une heure de travail, pour l'ensemble des réseaux, s'établit à 52.3 cents au lieu de 33.1 cents en 1918, soit une augmentation de 58 pour cent. Parmi les salaires les plus élevés, on relève les suivants, les chiffres ci-dessous étant le prix d'une heure de travail:

|   |         |
|---|---------|
| Mécaniciens et wattmen des trains de voyageurs.....   | \$1.091 |
| Expéditeurs et directeurs des trains.....             | 1.084   |
| Mécaniciens et wattmen des trains de marchandises..   | .869    |
| Conducteurs des trains de voyageurs.....              | .846    |
| Chefs des dépôts et pares.....                        | .840    |
| Employés des agences à l'étranger.....                | .838    |
| Chauffeurs des trains de voyageurs et leurs aides.... | .831    |
| Agents télégraphistes.....                            | .805    |

Tous les autres reçoivent un salaire moyen inférieur à 80 cents par heure.

Le nombre des wagons de marchandises en service a augmenté de 10,760 unités, celui des wagons de voyageurs de 162, et celui des locomotives de 191. La moyenne de capacité des wagons de marchandises a également augmenté.

On constate une légère diminution dans la consommation du combustible, c'est-à-dire 9,696,625 tonnes au lieu de 10,173,344 tonnes: il a coûté \$52,563,334 au lieu de \$52,630,430.

Il y eut un plus grand nombre de personnes tuées et blessées dans les accidents résultant de la circulation des trains, car on compta 33 voyageurs tués et 372 blessés, au lieu de 32 et 322 respectivement, c'est-à-dire qu'un voyageur a péri sur 1,452,000 voyageurs transportés et qu'un voyageur a été blessé sur 128,772 voyageurs transportés. En outre, les accidents de même nature ont coûté la vie à 162 employés, tandis que 1,904 autres étaient blessés. Enfin, 35 employés, 1 voyageur et 5 autres personnes ont trouvé la mort dans divers accidents d'autre nature, lesquels ont causé des blessures à 4,458 employés, 20 voyageurs et 27 autres personnes.

## TRAMWAYS ÉLECTRIQUES.

En rapprochant l'une de l'autre les statistiques de l'année civile 1919 et celles de l'exercice terminé le 30 juin 1918, il ne faut pas perdre de vue que "The Montreal Tramways Company" a négligé d'envoyer son rapport pour 1918. Cette compagnie, pour 1919, accuse des recettes d'exploitation de \$9,661,414 et des dépenses d'exploitation de \$7,243,823; elle a transporté 190,524,002 voyageurs payants.

Parmi les 66 compagnies de tramways électriques dont les rapports sont analysés, il ne s'en trouve que 55 dont les recettes égalent ou dépassent les dépenses d'exploitation, les 11 autres n'ayant pas couvert cette catégorie de dépenses. Sur ces 55 entreprises, il n'y en eut que 40 qui purent acquitter la rémunération de leur capital, leurs impôts, etc. Enfin 13 seulement ont pu verser un dividende à leurs actionnaires.

Les recettes provenant du transport des voyageurs ont donné \$37,547,436, et l'ensemble des revenus de l'exploitation a atteint \$40,152,903. En moyenne, chaque voyageur a payé, par voyage, 5.01 cents au lieu de 4.50 en 1918; ceci ne s'applique pas aux voyageurs ayant fait usage d'une correspondance. Les tramways électriques occupent 16,940 employés de tous rangs, dont les traitements, appointements et salaires se sont élevés à \$20,211,576.

En 1919, sur 749,334,380 voyageurs transportés, 4 seulement ont été victimes d'accidents mortels, tandis que 1,717 figurent dans la colonne des blessés. De plus, on compte 29 employés et 58 autres personnes tués, 951 employés et 1,505 autres personnes blessés.

## ÉTENDUE DU RÉSEAU EXPLOITÉ, PAR PROVINCES.

|  | Exercice terminé le 30 juin |        |               | Année terminée le 31 décembre 1919 |
|--|-----------------------------|--------|---------------|------------------------------------|
|  | 1917                        | 1918   | 1919          |                                    |
| Longueur des voies—                      |                             |        |               |                                    |
| Voies uniques—                           |                             |        |               |                                    |
| Nouvelle-Ecosse.....                     | 1,422                       | 1,428  | 1,432         | 1,435                              |
| Nouveau-Brunswick.....                   | 1,959                       | 19,95  | 1,948         | 1,993                              |
| Ile du Prince-Edouard.....               | 278                         | 279    | 279           | 276                                |
| Québec.....                              | 4,734                       | 4,791  | 4,860         | 4,877                              |
| Ontario.....                             | 11,049                      | 11,057 | 11,000        | 1,0988                             |
| Manitoba.....                            | 4,194                       | 4,168  | 4,190         | 4,193                              |
| Saskatchewan.....                        | 6,124                       | 6,162  | 6,148         | 1,641                              |
| Alberta.....                             | 4,445                       | 4,273  | 4,285         | 5,344                              |
| Colombie Britannique.....                | 3,885                       | 4,247  | 4,238         | 4,287                              |
| Yukon.....                               | 102                         | 102    | 102           | 100                                |
| Aux États-Unis.....                      | 413                         | 413    | 414           | 414                                |
| Total, voies uniques.....                | 38,605                      | 38,879 | 38,896        | 39,058                             |
| Seconde voie.....                        | 2,481                       | 2,523  | 2,543         | 2,547                              |
| Voies de manœuvre et de garage.....      | 9,169                       | 92,38  | 9,176         | 9,481                              |
| Total, toutes voies.....                 | 50,255                      | 50,640 | 50,615        | 51,086                             |
| Augmentation sur l'année précédente..... | 1,935                       | 385    | diminution 25 | 471                                |



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CAPITALISATION DES CHEMINS DE FER.

|  | Exercice terminé le 30 juin |                        |                         | Année terminée le 31 décembre 1919 |
|--|-----------------------------|------------------------|-------------------------|------------------------------------|
|  | 1917                        | 1918                   | 1919                    |                                    |
|  | \$ c.                       | \$ c.                  | \$ c.                   |                                    |
| Actions ordinaires.....                        | 872,829,993 00              | 877,600,613 00         | 884,016,313 00          | 888,124,240 00                     |
| Actions privilégiées (C.P.R.).....             | 216,284,882 00              | 216,284,882 00         | 216,284,882 00          | 216,284,882 00                     |
| Dette consolidée.....                          | 866,005,116 00              | 905,994,999 00         | 914,823,515 00          | 931,756,484 00                     |
| <b>Total.....</b>                              | <b>1,985,119,991 00</b>     | <b>1,999,880,49400</b> | <b>2,015,124,710 00</b> | <b>2,036,165,606 00</b>            |
| <b>Actions ordinaires—</b>                     |                             |                        |                         |                                    |
| Ayant encaissé des dividendes...               | 364,376,024 00              | 364,376,024 00         | 364,376,204 00          | 364,236,024 00                     |
| N'ayant pas reçu de dividendes.                | 508,453,969 00              | 513,224,589 00         | 519,640,289 00          | 523,888,216 00                     |
| Montant des dividendes.....                    | 30,092,701 00               | 30,103,982 00          | 30,126,545 00           | 29,988,227 00                      |
| Rendement des actions à dividende.....         | 8 26                        | 8 26                   | 8 27                    | 8 23                               |
| Rendement de l'ensemble des actions.....       | 3 4                         | 3 43                   | 3 43                    | 3 38                               |
| Par mille de réseau, toutes actions.....       | 25,400 00                   | 25,794 00              | 25,654 00               | 25,690 00                          |
| Milles de voie affectée, voie simple.....      | 34,366 00                   | 34,023 00              | 34,459 00               | 34,570 00                          |
| <b>Dette consolidée—</b>                       |                             |                        |                         |                                    |
| Montant de la dette.....                       | 896,005,116 00              | 905,994,999 00         | 914,823,515 00          | 931,756,484 00                     |
| Par mille de voie affectée.....                | 26,900 00                   | 26,995 00              | 26,809 00               | 27,366 00                          |
| Milles de voie affectée, voie simple.....      | 33,308 00                   | 33,561 00              | 34,124 00               | 34,048 00                          |
| <b>Actions privilégiées (debenture stock)—</b> |                             |                        |                         |                                    |
| Actions en circulation (C.P.R.)...             | 216,284,882 00              | 216,284,882 00         | 216,284,882 00          | 216,284,882 00                     |
| Intérêt.....                                   | 7,051,395 00                | 7,051,395 00           | 7,051,395 00            | 7,051,395 00                       |
| Par mille de voie affectée.....                | 16,772 00                   | 16,269 00              | 16,269 00               | 16,269 00                          |
| Milles de voie affectée, voie simple.....      | 12,895 00                   | 13,295 00              | 13,295 00               | 13,295 00                          |

DÉPENSES RELATIVES AUX CHEMINS DE FER DE L'ÉTAT.

A l'exception du réseau Canadien Northern, nul autre chemin de fer de l'État n'a vu s'accroître les dépenses de son compte capital. Nous donnons ci-dessous les dépenses de cette nature, relevées par le ministère des Chemins de fer et Canaux.

|  | Milles       | Coût-Capital          | Coût par mille   |
|--|--------------|-----------------------|------------------|
|  |              | \$ c.                 | \$ c.            |
| Intercolonial, New-Brunswick and P. E. Island..... | 1,593        | 141,521,090 39        | 88,839 35        |
| Prince Edward Island.....                          | 276          | 12,749,112 00         | 46,192 43        |
| International of N. B.....                         | 106          | 2,858,394 60          | 26,965 99        |
| Elgin and Havelock.....                            | 26           | 73,837 09             | 2,839 89         |
| Moncton and Buctouche.....                         | 30           | 135,439 12            | 45,146 37        |
| Salisbury and Albert.....                          | 45           | 186,991 65            | 41,553 70        |
| St. Martins'.....                                  | 29           | 58,818 07             | 2,028 21         |
| York and Carleton.....                             | 6            | 8,749 53              | 1,458 26         |
| Quebec and Saguenay.....                           | 63           | 7,374,508 74          | 117,055 70       |
| National Transcontinental.....                     | 2,007        | 166,698,645 64        | 83,058 61        |
| Matériel roulant.....                              | —            | 38,748,236 94         | —                |
| <b>Total.....</b>                                  | <b>4,181</b> | <b>370,413,823 77</b> | <b>88,594 55</b> |
| Pont de Québec.....                                | —            | 22,616,017 66         | —                |
| Hudson Bay Ry. and Terminals*.....                 | 334          | 20,560,836 69         | 61,559,38        |
| <b>Total.....</b>                                  | <b>4,515</b> | <b>413,590,678 12</b> | <b>91,603 69</b> |

\*En construction.

II GEORGE V, A. 1921

## CHEMINS DE FER EXPLOITÉS PAR LES PROVINCES.

|  | Milles | Coût       |    | Coût par mille |    |
|--|--------|------------|----|----------------|----|
|  |        | \$         | c. | \$             | c. |
| Temiskaming and Northern Ontario.....  | 329    | 21,880,808 | 00 | 66,507,01      |    |
| New Brunswick Coal and Railway Co..... | 58     | 1,960,479  | 00 | 33,801         | 36 |

## SUBSIDES ACCORDÉS AUX CHEMINS DE FER.

| Année terminée le 30 juin | Par le gouver-<br>nement fédéral | Par les<br>provinces | Par les<br>municipalités |
|---------------------------|----------------------------------|----------------------|--------------------------|
|                           | \$                               | \$                   | \$                       |
| 1910.....                 | d146,932,179                     | 35,837,060           | 17,983,823               |
| 1911.....                 | 148,217,071                      | 35,919,360           | 18,042,823               |
| 1912.....                 | e154,075,235                     | 35,945,515           | 18,051,323               |
| 1913.....                 | 163,251,469                      | 36,500,015           | 18,078,673               |
| 1914.....                 | 178,834,528                      | 37,023,275           | f17,914,836              |
| 1915.....                 | 183,479,192                      | 37,437,895           | 17,914,836               |
| 1916.....                 | 184,719,609                      | 37,437,895           | 17,914,836               |
| 1917.....                 | 185,484,130                      | 37,437,895           | 17,914,836               |
| 1918.....                 | 218,704,535                      | 37,437,895           | 17,914,836               |
| 1919.....                 | 219,064,196                      | 38,047,601           | 18,049,836               |
| 1919 31 décembre.....     | 221,865,882                      | 43,469,371           | 16,390,673               |

e Cette somme comprend les versements faits au Grand-Tronc-Pacifique en vertu de la clause dite "du matériel" de la convention intervenue entre le gouvernement et cette compagnie.

f Cette réduction est attribuable au remboursement d'un prêt. Dans les subsides accordés au C.P.R. figure une somme de \$37,785,219.54, prix de voies ferrées construites par le gouvernement et cédées à la compagnie; le coût du tracé de voies entrerait dans ce montant pour \$6,639,581.

d Y compris \$10,000,000 prêtés au Grand-Tronc-Pacifique en vertu de la loi de 1909, chap. 19.

## SUBVENTIONS EN ARGENT PAYÉES PAR LES DIFFÉRENTES PROVINCES DEPUIS 1910.

| Exercice<br>terminé<br>le 30 juin | Ontario   | Québec     | Nouvelle-<br>Ecosse | Nouveau-<br>Brunswick | Colombie<br>Britannique | Manitoba  | Totaux     |
|-----------------------------------|-----------|------------|---------------------|-----------------------|-------------------------|-----------|------------|
|                                   | \$        | \$         | \$                  | \$                    | \$                      | \$        | \$         |
| 1910.....                         | 9,198,616 | 12,328,197 | 6,384,300           | 4,851,487             | 792,209                 | 2,878,887 | 36,433,696 |
| 1911.....                         | 9,204,616 | 12,333,197 | 6,384,300           | 4,907,387             | 798,269                 | 2,878,887 | 36,506,696 |
| 1912.....                         | 9,204,616 | 12,333,197 | 6,440,455           | 4,907,487             | 804,209                 | 2,878,887 | 36,568,851 |
| 1913.....                         | 9,554,616 | 12,333,197 | 6,440,455           | 4,907,487             | 1,008,707               | 2,878,887 | 37,123,349 |
| 1914.....                         | 9,554,616 | 12,333,197 | 6,987,850           | 4,907,487             | 1,284,572               | 2,878,887 | 37,946,609 |
| 1915.....                         | 9,669,236 | 12,333,197 | 6,987,850           | 4,907,487             | 1,284,572               | 2,878,887 | 38,061,229 |

On ne possède pas les chiffres des années suivantes.

## SUBVENTIONS EN ARGENT DONNÉES PAR LES MUNICIPALITÉS, PAR PROVINCES.

| Exer-<br>cice<br>termi-<br>né le<br>30 juin | Ontario        | Québec     | Nouvelle-<br>Ecosse | Nouveau-<br>Brunsw-<br>wick | Colombie<br>Britan-<br>nique | Manitoba   | Terri-<br>toires du<br>Nord-<br>Ouest | Totaux        |
|---|----------------|------------|---------------------|-----------------------------|------------------------------|------------|---------------------------------------|---------------|
|   | \$             | \$         | \$                  | \$                          | \$                           | \$         | \$                                    | \$            |
| 1910.....                                   | 13,311,075,633 | 13,137,536 | CS 481,898          | 10 341,500 00               | 198,952 50                   | 490,600 00 | 22,251 29                             | 17,983,823 60 |
| 1911.....                                   | 13,361,075,033 | 13,137,536 | CS 441,898          | 10 341,500 00               | 207,952 00                   | 490,600 00 | 22,261 29                             | 18,042,823 60 |
| 1912.....                                   | 13,361,075,633 | 13,137,536 | CS 481,898          | 10 341,500 00               | 216,452 50                   | 490,600 00 | 22,261 29                             | 18,051,323 60 |
| 1913.....                                   | 13,361,075,633 | 13,158,136 | CS 481,898          | 10 341,500 00               | 223,302 50                   | 490,600 00 | 22,261 29                             | 18,078,673 60 |
| 1914.....                                   | 13,361,075,633 | 13,170,501 | CS 481,898          | 10 341,500 00               | 37,500 00                    | 490,600 00 | 22,261 29                             | 17,914,836 40 |
| 1915.....                                   | 13,361,075,633 | 13,180,501 | CS 481,898          | 10 341,500 00               | 37,500 00                    | 490,600 00 | 22,261 29                             | 17,914,836 40 |
| 1916.....                                   | 13,361,075,633 | 13,180,501 | CS 484,898          | 10 341,500 00               | 37,500 00                    | 490,600 00 | 22,261 29                             | 17,914,836 40 |

On ne possède pas les chiffres des années suivantes.

## DOCUMENT PARLEMENTAIRE No 20b

Les subsides accordés aux chemins de fer par le gouvernement fédéral, les gouvernements provinciaux et les municipalités, ont revêtu les formes suivantes:

## GOUVERNEMENT FÉDÉRAL

|   |                |
|---|----------------|
| Subventions en espèces.....                         | \$ 115,849,561 |
| Prêts.....  | 58,076,533     |
| Coût des lignes cédées au C.P.R.....                | 37,785,319     |
| Payé à la province de Québec.....                   | 5,160,053      |
| Clause "du matériel", convention avec le G.T.P..... | 4,994,416      |
| Total.....  | \$ 221,865,882 |

L'achat par le gouvernement d'obligations du Grand-Tronc-Pacifique, d'une valeur de \$33,116,000 n'est pas, à proprement parler, une subvention en espèces; on ne l'a donc pas fait figurer dans ce compte et il en sera question plus loin, à la section des garanties autorisées.

## PROVINCES

|                             |               |
|-----------------------------|---------------|
| Subventions en espèces..... | \$ 33,593,898 |
| Prêts.....                  | 9,575,743     |
| Souscription d'actions..... | 300,000       |
| Total.....                  | \$ 43,469,371 |

## MUNICIPALITÉS

|                             |               |
|-----------------------------|---------------|
| Subventions en espèces..... | \$ 12,893,528 |
| Prêts.....                  | 1,071,645     |
| Souscription d'actions..... | 2,425,500     |
| Total.....                  | \$ 16,390,673 |

## OCTROIS DE TERRES.

Voici un résumé des octrois de terres consentis aux chemins de fer:

|   | Acres      |
|---|------------|
| Par le gouvernement fédéral.....                | 32,374,289 |
| Par la province de Québec*.....                 | 1,735,690  |
| Par la province de la Colombie Britannique..... | 8,119,221  |
| Par la province du Nouveau-Brunswick.....       | 1,647,772  |
| Par la province de la Nouvelle-Ecosse.....      | 160,000    |
| Par la province d'Ontario.....                  | 624,232    |
| Total.....                                      | 44,661,204 |

\*Voir le paragraphe explicatif.

Les terres de la province de Québec ayant été octroyées à des conditions spéciales, il est nécessaire d'en préciser les détails:

|                                       |              |
|---------------------------------------|--------------|
| Acres concédées, convertibles.....    | 13,324,950   |
| Converties, à 52½ cents par acre..... | \$ 6,995,599 |
| Montant de la conversion.....         | \$ 4,557,728 |
| Acres concédées—inconvertibles.....   | 12,947,370   |
| Acres obtenues—inconvertibles.....    | 1,735,690    |

## OCTROIS DE TERRES FÉDÉRALES.

Revisé par les Services des Ressources Naturelles et des Titres de propriété des terres, du ministère de l'Intérieur.

| Nom du chemin de fer  | Superficie, acres obtenues |
|---|----------------------------|
| Alberta Railway and Irrigation Co.                                | 1,114,368                  |
| Alberta Great Waterways Ry. Co.                                   | 498                        |
| Canadien du Pacifique, réseau principal.                          | 18,207,402                 |
| Calgary and Edmonton Ry. Co.                                      | 2,018,893                  |
| Great North West Central Ry. Co.                                  | 320,000                    |
| Manitoba North Western Ry. Co.                                    | 1,501,529                  |
| Manitoba Southwestern Colonization Ry. Co.                        | 1,396,800                  |
| Saskatchewan and Western Ry. Co.                                  | 98,880                     |
| C. P. R.—Embranchement de Souris, prolongement de Pipestore.      | 200,320                    |
| C. P. R.—Embranchement de Souris.                                 | 1,408,704                  |
| Canadien National—  |                            |
| Autrefois Lake Manitoba and Canal Co.                             | 798,400                    |
| Canadian North Western Ry. Co.                                    | 338                        |
| Canadian Northern Alberta Ry. Co.                                 | 537                        |
| Canadian Northern Manitoba Ry. Co.                                | 73                         |
| Autrefois Manitoba and South Eastern Ry. Co.                      | 680,320                    |
| Qu'Appelle, Long Lake and Saskatchewan Railroad and Steamboat Co. | 1,880,154                  |
| Canadian Northern Railway Co.                                     | 2,656,261                  |
| Edmonton, Dunvegan and British Columbia Ry. Co.                   | 785                        |
| Grand Tronc Pacifique.  | 21                         |
| Grand Tronc Pacifique—Embranchements                              | 6                          |
| Total.  | 32,374,289                 |

Depuis 1894, le gouvernement fédéral n'a fait aucune concession de terres domaniales aux chemins de fer.

## GARANTIES.

Au cours des dernières années, la garantie d'obligations a été substituée à toutes autres formes de subsides. Il a été très difficile de se procurer un état exact des obligations assumées de ce chef, spécialement quant au chiffre précis des valeurs garanties qui sont actuellement en circulation. Le relevé qui suit est basé sur les rapports officiels des gouvernements fédéral et provinciaux.

| Garants              | Garantie autorisée | Obligations émises | Garanties effectives |
|----------------------|--------------------|--------------------|----------------------|
|                      | §                  | §                  | §                    |
| Dominion             | 189,666,539        | 183,532,523        | 183,532,523          |
| Manitoba             | 25,633,552         | 25,663,553         | 25,663,553           |
| Alberta              | 59,495,909         | 46,685,969         | 45,520,450           |
| Saskatchewan         | 47,725,000         | 28,582,012         | 23,170,661           |
| Ontario              | 7,860,600          | 7,860,000          | 7,860,000            |
| Colombie Britannique | 68,135,000         | 60,317,524         | 51,214,290           |
| Nouveau-Brunswick    | 7,763,000          | 7,763,000          | 7,317,000            |
| Québec               | 210,000            | 210,000            | 210,000              |
| Total                | 406,518,992        | 360,614,581        | 344,488,477          |

Il est à remarquer que des obligations du Grand-Tronc-Pacifique, à concurrence de \$33,116,000, figurent dans le total de ces garanties, quoique cette garantie soit devenue caduque par suite de l'achat de ces obligations par l'Etat; mais il n'y avait pas d'autre moyen de relater cette opération.

## DOCUMENT PARLEMENTAIRE No 20b

Voici maintenant le détail des garanties accordées durant les sept dernières années:

| Garants                   | Exercice terminé le 30 juin |             |             |             |             |             |             |
|---------------------------|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                           | 1913                        | 1914        | 1915        | 1916        | 1917        | 1918        | 1919        |
|                           | \$                          | \$          | \$          | \$          | \$          | \$          | \$          |
| Dominion.....             | 95,486,590                  | 188,965,063 | 188,465,063 | 189,666,539 | 189,666,539 | 189,666,539 | 189,666,539 |
| Manitoba.....             | 24,059,447                  | 25,221,580  | 25,221,580  | 25,221,580  | 25,519,553  | 25,519,553  | 25,663,553  |
| Alberta.....              | 45,489,000                  | 55,810,450  | 59,410,450  | 58,736,750  | 59,495,900  | 59,495,900  | 59,895,900  |
| Saskatchewan..            | 33,735,000                  | 41,625,000  | 41,625,000  | 47,725,000  | 47,725,000  | 46,725,000  | 47,725,000  |
| Ontario.....              | 7,860,000                   | 7,860,000   | 7,860,000   | 7,860,000   | 7,860,000   | 7,860,000   | 7,860,000   |
| Nouvelle-<br>Ecosse.....  | 5,022,000                   | .....       | .....       | .....       | .....       | .....       | .....       |
| Colombie<br>Britannique.. | 59,262,072                  | 80,332,072  | 80,332,072  | 80,332,072  | 68,782,072  | 79,135,000  | 68,135,000  |
| Nouveau-<br>Brunswick...  | 3,654,265                   | 6,063,000   | 6,063,000   | 7,763,000   | 7,763,000   | 7,763,000   | 7,763,000   |
| Québec.....               | 392,000                     | 392,000     | 392,000     | 308,000     | 280,000     | 280,000     | 280,000     |
| Total.....                | 274,960,374                 | 409,869,165 | 409,968,165 | 417,612,941 | 407,092,064 | 405,444,992 | 406,988,992 |

Les informations ci-dessous sont extraites des rapports officiels du gouvernement fédéral et de différents gouvernements provinciaux.—

## GOUVERNEMENT FÉDÉRAL.

Liste des émissions garanties par la Puissance, antérieurement au 30 juin 1916.

1. Canadian Northern, chap. 7, 3 Ed. VII (1903). La garantie est pour le capital, £1,923,287 sterling, et l'intérêt de cette somme au taux de 3 p.c. par année, durant cinquante ans.

2. Canadian Northern, chap. 11, 7 et 8 Ed. VII (1908). La garantie est pour le capital, débenture stock de £1,622,586 19ch. 9d. sterling, et l'intérêt de cette somme au taux de 3½ pour cent par année, durant cinquante ans à partir du 20 juillet 1908; intérêt payable semestriellement.

3. Canadian Northern Ontario Railway Company, chap. 6, 1 et 2 George V (1911).

La garantie est pour le principal de £7,493,835 12ch. 4d. sterling debenture stock et l'intérêt sur cette somme de 3½ pour cent par année, durant cinquante ans, à partir du 19 mai 1911; intérêt payable semestriellement.

4. Canadian Northern Alberta Railway Company, chap. 6, 9-10 Ed. VII (1910) tel qu'amendé par le chap. 8, 2 George V (1912).

La garantie est pour le principal de £647,260 5ch. 6d. sterling debenture stock et l'intérêt sur cette somme au taux de 3½ pour cent par an, durant cinquante ans, à partir du 4 mai 1910; intérêt payable semestriellement.

5. Grand-Tronc-Pacifique, chap. 71, 3 Ed. VII (1903) chap. 24, 4 Ed. VII (1904) et chap. 98 (1905).

La garantie est en obligations à 3 pour cent de la compagnie de chemin de fer pour une somme équivalente à 75 pour cent du coût de construction de la section ouest du Transcontinental, mais ne dépassant pas \$13,000 par mille pour la section des prairies dudit chemin de fer. Le montant des obligations émises et garanties s'élève à £7,200,000, dont £2,300,000 émises en 1905, £2,000,000 en 1909 et £2,000,000 en 1910.

L'émission totale s'élevait à \$14,000,000; la partie non vendue au public soit £6,800,000, fut achetée par le gouvernement en vertu de la Loi d'Achat des Obligations du G.T.P., de 1913. La garantie est donc caduque, quant aux obligations achetées.

II GEORGE V, A. 1921

6. Canadian Northern Alberta Railway Company, chap. 6, 2 Georges V, (1912).

Cette garantie porte sur le principal de £733,561 12ch. 10d. sterling et l'intérêt de ces obligations à 3½ pour cent par an, durant 50 ans à partir du 1er avril 1912; l'intérêt est payable semestriellement.

7. Grand Tronc Pacifique, chap. 20 des lois de 1914. Total de la garantie accordée \$16,000,000, portant intérêt à 4 pour cent. Obligations vendues au public \$3,193,507; entre les mains du gouvernement fédéral, comme gage d'avances, \$7,500,000; donné en gage à la compagnie du chemin de fer du Grand Tronc, \$5,306,493.

8. Canadian Northern, chap. 20 des lois de 1914. Garantie consentie, \$45,000,000 à 4 pour cent. Vendu au public, \$17,033,333; remis au gouvernement fédéral en gage d'avances, \$12,500,000; entre les mains de Columbia Trust Co., de New-York, comme gage d'avances, \$15,333,333.

## ALBERTA

| Chemins de fer                                  | Longueur du réseau bénéficiant de la garantie | Valeur au pair des obligations | Longueur des voies construites par le gouvernement | Valeur au pair des obligations |
|---|---|--------------------------------|--|--------------------------------|
|   | \$  | \$                             |  | \$                             |
| Canadian Northern.....                          | 902.4   | 13,536,000                     | 774.8  | 11,022,000                     |
| Canadian Northern Western.....                  | 1,390.  | 22,530,000                     | 662.57   | 11,222,250                     |
| Grand Trunk Pacific Branch Lines Co.....        | 259.5   | 4,182,500                      | 259.5  | 4,182,500                      |
| Edmonton, Dunvegan and British Columbia Ry..... | 471.  | 9,420,000                      | 471.   | 9,420,000                      |
| Alberta and Great Waterways.....                | 350.  | 7,400,000                      | 350.   | 7,400,000                      |
| Central Canada.....                             | 114.  | 2,280,000                      | 100.   | 2,000,000                      |
| Lacombe and Blindman Valley.....                | 39.1  | 547,400                        | 39.1   | 273,700                        |
| Total.....                                      | 3,526.0                                       | 59,895,900                     | 2,656.97   | 45,520,450                     |

## SASKATCHEWAN

| Chemins de fer                                 | Nombre de milles | Total des garanties à raison de \$15,000 par mille | Valeur au pair des obligations vendues | Montant des garanties dont il a été donné mainlevée |
|--|------------------|--|--|---|
|  |                  | \$ c.  | \$ c.                                  | \$ c.   |
| Canadian Northern Railway Company.....         | 1,115            | 17,325,000 00                                      | 13,709,400 00                          | 10,456,495 25                                       |
| Canadian Northern Saskatchewan Railway Co..... | 255              | 3,825,000 00                                       | 1,174,813 33                           | 782,210 6   |
| Grand Trunk Pacific Branch Lines Co.....       | 760              | 11,400,000 00                                      | 11,328,892 00                          | 9,908,627 53  |
| Grand Trunk Pacific Saskatchewan Ry. Co.....   | 605              | 9,075,000 00                                       | Aucune                                 | Aucune  |
|  |                  | 41,625,000 00                                      | 26,213,105 33                          | 21,147,333 38                                       |
| Ponts et terminus—                             |                  |  |  |   |
| Grand Trunk Pacific Branch Lines Co.....       |                  | 5,100,000 00                                       | 1,882,240 00                           | 1,536,660 62  |
| Canadian Northern Saskatchewan Ry. Co.....     |                  | 1,000,000 00                                       | 486,666 66                             | 486,666 66  |
|  |                  | 47,725,000 00                                      | 28,582,011 99                          | 23,170,660 66                                       |

## ONTARIO

En faveur du Canadian Northern Ontario Railway Co.—Garantie d'intérêt sur des obligations représentant un capital de \$7,860,000.

## DOCUMENT PARLEMENTAIRE No 20b

## NOUVELLE-ÉCOSSE

Les subsides accordés par la province de la Nouvelle-Ecosse à la compagnie de chemin de fer Halifax et Southwestern ne constituent pas précisément une garantie d'obligations; nous les faisons cependant figurer ici, en exposant la nature de l'opération.

Tout d'abord, la province avança à la compagnie \$13,500 par mille sur 257.25 milles de ses voies. La compagnie hypothéqua la totalité de son réseau en faveur de la province pour le montant total de ces avances, avec faculté d'obtenir la main-levée de cette hypothèque en remboursant \$13,500 par mille, moins \$3,200 par mille, la différence de \$3,200 par mille représentant les subsides normalement dûs par la province aux constructeurs d'un chemin de fer, en vertu de sa législation.

Cette situation fut modifiée par une loi de 1912, chap. 27, plus tard amendée par une loi de 1913, chap. 64, dont voici les dispositions essentielles: l'hypothèque est annulée; la compagnie de chemin de fer est créditée de \$3,200 par mille plus l'intérêt sur cette somme; la compagnie est remboursée de l'équivalent de £180,400 qu'elle a payé à titre d'intérêt sur la créance de la province, cette somme venant s'ajouter au capital dû par la compagnie à la province. La compagnie de chemin de fer Halifax et Southwestern reçut remboursement de l'équivalent de ces £180,400 non pas en espèces, mais sous forme d'obligations émises par la province, et la dette totale de la compagnie envers la province fut alors établie à \$4,447,000, somme qui comprend ces £180,400.

Pour garantir le remboursement de sa dette, la compagnie remit à la province à titre de gage, un montant égal, soit \$4,447,000 d'obligations par elle émises, cautionnées par The Canadian Northern Railway Company et comportant première hypothèque sur le réseau Halifax et Southwestern. La province est encore détentrice de ces obligations, dont elle encaisse les coupons à leur échéance.

Sous la convention originaire, la compagnie de chemin de fer n'avait pas remis de valeurs à la province, la seule garantie était l'hypothèque, maintenant radiée.

L'avance de \$13,500 par mille consentie à la compagnie fut effectuée en espèces, la province ayant contracté à cet effet un emprunt à Londres au moyen d'une émission d'obligations. Le taux d'intérêt des obligations de la compagnie détenues par la province compense presque—moins un quart de un pour cent celui que paie la province sur ses propres obligations, cette légère différence résultant de ce que les premières ont été émises au-dessous du pair.

Lorsque la compagnie aura payé sa dette, les subsides provinciaux qu'elle aura encaissés seront exactement de \$3,200 par mille.

## COLOMBIE BRITANNIQUE

| Chemins de fer                    | Garantie autorisée | Valeur au pair des obligations émises | Montant de la garantie effective |
|-----------------------------------|--------------------|---------------------------------------|----------------------------------|
|                                   | \$                 | \$                                    | \$                               |
| Canadian Northern Pacific Ry..... | 47,975,000         | 40,157,527                            | 33,179,092                       |
| Pacific Great Eastern Ry.....     | 20,160,000         | 20,160,000                            | 18,035,198                       |
| Total.....                        | 68,135,000         | 60,317,527                            | 51,214,290                       |

La province a garanti \$20,160,600 d'obligations du Pacific Great Eastern, dont \$5,925,195 sont le gage d'emprunts contractés. De plus, elle a avancé \$3,278,442.11 pour intérêt sur actions.

## MANITOBA

Les garanties suivantes ont été consenties en faveur du Canadian Northern Railway Co.

|   |                          |
|---|--------------------------|
| 1,258.13 milles, réseau principal et embranch, au Manitoba, à \$10,000 par mille... | \$12,581,286 66          |
| 332.30 " " " " " " \$13,000 " " " " " " " "   | 4,320,000 00             |
| 287.28 milles, division de Port Arthur.....   | \$20,000 " " " " " " " " |
| Terminus de Winnipeg.....   | 3,000,000 00             |
| Total des garanties.....  | \$25,646,873 33          |
| Canadian Northern Manitoba Ry.<br>12.3 milles à \$13,000 par mille.....             | \$ 16,650 00             |

## NOUVEAU-BRUNSWICK

| Chemins de fer                  | Montant des garanties |    | Acquises et payées |    |
|---------------------------------|-----------------------|----|--------------------|----|
|                                 | \$                    | c. | \$                 | c. |
| New Brunswick and Seaboard..... | 297,000               | 00 | 297,000            | 00 |
| Southampton.....                | 155,000               | 00 | 155,000            | 00 |
| St. John and Quebec.....        | 6,400,000             | 00 | 6,400,000          | 00 |
| Fredericton and Grand Lake..... | 465,000               | 00 | 465,000            | 00 |
| Total.....                      | 7,317,000             | 00 | 7,317,000          | 00 |

## QUÉBEC

Garantie d'obligations en faveur de The Montreal and Western Railway Company, à concurrence de \$210,000.

## RECETTES BRUTES.

|                                    | Année terminée le |                |                  |                |
|------------------------------------|-------------------|----------------|------------------|----------------|
|                                    | 30 juin 1919      |                | 31 décembre 1919 |                |
|                                    | \$                | c.             | \$               | c.             |
| Sur terre—                         |                   |                |                  |                |
| Marchandises.....                  | 266,825           | 881 94         | 270,533          | 047 47         |
| Voyageurs.....                     | 78,609            | 870 97         | 96,262           | 240 97         |
| Excédents de bagages.....          | 573               | 322 28         | 655              | 892 12         |
| Wagons-lits.....                   | 3,716             | 450 77         | 4,735            | 108 58         |
| Wagons-salons.....                 | 274               | 505 07         | 347              | 561 61         |
| Service postal.....                | 3,399             | 830 60         | 3,548            | 325 11         |
| Messagerie.....                    | 10,744            | 374 20         | 12,312           | 439 19         |
| Autres trains voyageurs.....       | 49                | 744 50         | 90               | 121 36         |
| Lait.....                          | 621               | 277 11         | 661              | 238 81         |
| Transbordements.....               | 2,680             | 376 61         | 2,675            | 179 78         |
| Trains spéciaux.....               | 84                | 763 43         | 114              | 190 44         |
| Autres trains de marchandises..... | 27                | 529 62         | 44               | 612 22         |
| Rechargement aux ports.....        | 62                | 588 80         |                  |                |
| Totaux.....                        |                   | 367,670,515 90 |                  | 391,979,957 66 |
| Sur eau—                           |                   |                |                  |                |
| Marchandises.....                  | 2,455             | 033 14         | 2,755            | 962 12         |
| Voyageurs.....                     | 413               | 878 30         | 551              | 629 02         |
| Excédents de bagages.....          | 1,579             | 28             | 1,096            | 86             |
| Autres services de voyageurs.....  |                   |                |                  |                |
| Service postal.....                | 18                | 609 60         | 18               | 675 50         |
| Messagerie.....                    | 15                | 763 30         | 19               | 420 21         |
| Autres.....                        |                   | 243 35         |                  | 120 00         |
| Totaux.....                        |                   | 2,905,106 97   |                  | 3,346,903 71   |



## DOCUMENT PARLEMENTAIRE No 20b

RECETTES BRUTES—*fin.*

|   | Année terminée le |    |             |                  |           |             |    |
|---|-------------------|----|-------------|------------------|-----------|-------------|----|
|   | 30 juin 1919      |    |             | 31 décembre 1919 |           |             |    |
|   | \$                | c. | \$          | c.               | \$        | c.          |    |
| Accessoires—                            |                   |    |             |                  |           |             |    |
| Buffets et wagons-restaurants.....      | 4,390,981         | 69 |             |                  | 5,626,781 | 20          |    |
| Hôtels et restaurants.....              | 779,016           | 66 |             |                  | 973,380   | 43          |    |
| Privilèges dans les gares, trains, etc. | 109,579           | 43 |             |                  | 150,319   | 95          |    |
| Consigne de bagages.....                | 136,178           | 98 |             |                  | 184,821   | 88          |    |
| Entreposage—marchandises.....           | 525,816           | 15 |             |                  | 569,239   | 09          |    |
| Entreposage—bagages.....                | 127,072           | 36 |             |                  | 1,504,199 | 56          |    |
| Surestaries.....                        | 2,120,299         | 26 |             |                  | 1,594,199 | 56          |    |
| Télégraphe et téléphone.....            | 91,731            | 82 |             |                  | 120,401   | 39          |    |
| Élévateurs à grain.....                 | 1,113,683         | 16 |             |                  | 1,101,482 | 29          |    |
| Pares à bestiaux.....                   | 24,654            | 06 |             |                  | 14,877    | 89          |    |
| Location de bâtiments, etc.....         | 1,547,598         | 07 |             |                  | 1,520,578 | 38          |    |
| Divers.....                             | 1,367,695         | 61 |             |                  | 1,267,252 | 14          |    |
| Force motrice.....                      |                   |    |             |                  | 696       | 38          |    |
| Totaux.....                             |                   |    | 12,334,306  | 19               |           | 13,167,995  | 17 |
| Facilités combinées, balance cr.....    |                   |    | 66,972      | 35               |           | 103,504     | 26 |
| Recettes brutes.....                    |                   |    | 382,976,901 | 41               |           | 408,598,360 | 80 |

## BILAN.

|  | Année terminée le |    |            |                  |             |            |    |
|--|-------------------|----|------------|------------------|-------------|------------|----|
|  | 30 juin 1919      |    |            | 31 décembre 1919 |             |            |    |
|  | \$                | c. | \$         | c.               | \$          | c.         |    |
| Recettes brutes d'exploitation.....              | 382,976,901       | 41 |            |                  | 408,598,360 | 80         |    |
| Dépenses d'exploitation.....                     | 341,866,509       | 01 |            |                  | 376,789,093 | 44         |    |
| Recettes nettes de l'exploitation.....           |                   |    | 41,110,392 | 40               |             | 31,809,267 | 36 |
| Opérations extérieures:                          |                   |    |            |                  |             |            |    |
| Recettes.....                                    | 8,802,803         | 72 |            |                  | 14,626,189  | 07         |    |
| Dépenses.....                                    | 6,831,555         | 34 |            |                  | 11,918,477  | 05         |    |
| Recettes nettes.....                             | 1,971,248         | 38 |            |                  | 2,707,712   | 02         |    |
| Autres sources de revenus.....                   | 18,501,190        | 97 | 20,472,439 | 35               | 29,744,808  | 58         |    |
|  |                   |    | 61,582,831 | 75               |             | 61,261,787 | 96 |
| A déduire taxes.....                             |                   |    | 5,316,713  | 75               |             | 5,718,038  | 57 |
| Revenu brut.....                                 |                   |    | 56,266,118 | 00               |             | 58,543,749 | 39 |
| Dédutions:                                       |                   |    |            |                  |             |            |    |
| Location d'autres voies.....                     | 3,745,795         | 56 |            |                  | 4,089,596   | 42         |    |
| Autres loyers.....                               | 5,675,530         | 49 |            |                  | 4,722,581   | 39         |    |
| Perte sur propriétés distinctes des réseaux..... | 2,673,248         | 13 |            |                  | 54,866,544  | 94         |    |
| Intérêt de la dette consolidée et flottante..... | 43,097,261        | 06 |            |                  |             |            |    |
| Fonds d'amortissement.....                       | 19,260            | 18 |            |                  |             |            |    |
| Autres déductions.....                           | 2,319,703         | 29 | 57,530,798 | 71               | 9,962,773   | 68         |    |
| Perte nette.....                                 |                   |    | 1,264,680  | 71               |             | 15,097,747 | 04 |
| Disposition du revenu net:                       |                   |    |            |                  |             |            |    |
| Dividendes ordinaires.....                       | 26,899,267        | 66 |            |                  | 26,760,936  | 00         |    |
| "  privilégiés.....                              | 10,331,172        | 14 |            |                  | 3,227,276   | 84         |    |
| Additions et améliorations, cr.....              | 879               | 95 |            |                  |             |            |    |
| Réserve et divers.....                           | 323,721           | 18 | 37,553,281 | 03               | 140,405     | 47         |    |
| Balance au débit de profits et pertes.....       |                   |    | 38,817,961 | 74               |             | 45,226,379 | 35 |

## STATISTIQUES DE L'EXPLOITATION.

|  | Exercice terminé le 30 juin |                |                | Année terminée le 31 décembre |
|--|-----------------------------|----------------|----------------|-------------------------------|
|  | 1917                        | 1918           | 1919           | 1919                          |
| Moyenne des parcours sur voies uniques.....                            | 38,604                      | 38,879         | 38,896         | 39,058                        |
| Parcours des locomotives, en milles—                                   |                             |                |                |                               |
| A marchandises.....  | 68,983,629                  | 63,921,041     | 60,080,642     | 59,063,240                    |
| A voyageurs.....   | 44,005,835                  | 40,870,513     | 42,296,331     | 46,154,564                    |
| Mixtes.....  | 8,612,666                   | 7,897,536      | 7,871,917      | 8,146,394                     |
| Spéciales.....   | 153,099                     | 5,438,603      | 159,947        | 117,679                       |
| De manœuvre.....   | 28,509,069                  | 28,625,512     | 26,519,327     | 25,560,456                    |
| Sans revenu.....   |                             |                |                |                               |
| Total.....   | 150,264,298                 | 146,753,205    | 136,926,164    | 139,042,333                   |
| Parcours des trains, en milles—  |                             |                |                |                               |
| De marchandises.....   | 62,863,724                  | 60,143,014     | 55,034,882     | 54,469,472                    |
| De voyageurs.....  | 44,083,575                  | 41,850,189     | 41,048,124     | 44,883,258                    |
| Mixtes.....  | 8,746,811                   | 7,787,636      | 7,652,411      | 7,605,262                     |
| Spéciaux.....  | 102,990                     | 76,721         | 97,418         | 95,743                        |
| Tous trains à revenu.....  | 115,797,160                 | 109,857,560    | 103,832,835    | 107,053,735                   |
| Sans revenu.....   | 3,627,901                   | 4,158,919      | 4,159,658      | 4,669,619                     |
| Parcours des wagons, en milles—  |                             |                |                |                               |
| A marchandises, chargés.....   | 1,402,552,028               | 1,343,301,681  | 1,181,758,126  | 1,213,490,195                 |
| "      vides.....  | 561,127,805                 | 494,404,216    | 497,882,365    | 465,546,117                   |
| Cambuses.....  | 66,728,241                  | 64,419,008     | 50,472,896     | 60,129,162                    |
| Total.....   | 2,030,408,074               | 1,902,124,905  | 1,739,113,387  | 1,739,165,474                 |
| A voyageurs.....   | 135,419,724                 | 127,866,571    | 127,018,520    | 135,628,246                   |
| Wagons-lits, wagons-salons, etc.....                                   | 59,489,362                  | 53,808,982     | 58,181,799     | 67,879,671                    |
| Autres wagons du service des voyageurs.....                            | 108,416,453                 | 108,472,381    | 112,074,695    | 124,318,860                   |
| Total.....   | 303,325,539                 | 290,147,934    | 297,275,014    | 327,826,777                   |
| Moyennes—  |                             |                |                |                               |
| Parcours d'une locom., par mille de voie.....                          | 3,892                       | 3,775          | 3,520          | 3,560                         |
| Parcours d'un train, par mille de voie.....                            | 3,094                       | 2,933          | 2,776          | 2,860                         |
| Wagons de marchandises chargés, par train de marchandises.....         | 19.59                       | 19.77          | 18.85          | 19.55                         |
| Wagons de marchandises vides, par train de marchandises.....           | 7.84                        | 7.28           | 7.94           | 7.5                           |
| Nombre total de wagons de marchandises par train de marchandises.....  | 28.35                       | 28.00          | 27.74          | 28.02                         |
| Wagons du service des voyageurs, par train de voyageurs.....           | 5.7                         | 5.8            | 6.1            | 6.2                           |
| Wagons de voyageurs, par train de voyageurs.....                       | 3.7                         | 3.7            | 3.8            | 3.9                           |
| Trafic des marchandises—   |                             |                |                |                               |
| Tonnes de march. d'origine canadienne.....                             | 67,134,164                  | 68,385,790     | 63,556,991     | 61,022,808                    |
| Tonnes de march. reçues des réseaux des E.-U.....                      | 31,330,530                  | 34,039,620     | 31,645,130     | 30,326,787                    |
| Tonnes de march. de trafic direct.....                                 | 98,464,694                  | 102,425,410    | 95,202,121     | 91,349,595                    |
| Tonnes de march. reçues des réseaux de connexion.....                  | 23,451,578                  | 25,118,277     | 21,497,451     | 20,138,185                    |
| Tonnage total des marchandises transportées.....                       | 121,916,272                 | 127,543,687    | 116,699,572    | 111,487,780                   |
| Tonnes transportées un mille.....                                      | 31,186,707,851              | 31,029,072,279 | 27,724,397,202 | 26,950,598,322                |
| Tonnes transportées, par mille de voie.....                            | 3,158                       | 3,281          | 3,002          | 2,854                         |
| Tonnes transportées un mille, par mille de voie.....                   | 807,862                     | 798,093        | 712,783        | 690,015                       |
| Moyenne des tonnes transportées, par chaque train.....                 | 436                         | 457            | 442            | 434                           |
| Moyenne de charge, par wagon chargé.....                               | 22.24                       | 23.10          | 23.46          | 22.21                         |
| Moyenne du parcours d'une tonne sur un réseau.....                     | 256                         | 243            | 238            | 242                           |
| Moyenne du parcours d'une tonne.....                                   | 317                         | 303            | 291            | 295                           |
| Mouvement des voyageurs—   |                             |                |                |                               |
| Voyageurs transportés.....   | 48,106,530                  | 44,948,638     | 43,754,194     | 47,940,456                    |
| Voyageurs transportés un mille.....                                    | 3,120,505,088               | 3,161,082,402  | 3,074,664,369  | 3,658,492,716                 |
| Voyageurs transportés, par mille de voie.....                          | 1,246                       | 1,156          | 1,125          | 1,227                         |
| Voyageurs transportés un mille, par mille de voie.....                 | 80,834                      | 81,306         | 79,048         | 93,668                        |
| Moyenne du nombre de voyageurs, par train de voyageurs.....            | 59                          | 64             | 63             | 70                            |
| Moyenne du nombre de voyageurs, par wagon des trains de voyageurs..... | 10                          | 11             | 10             | 11                            |
| Moyenne du nombre de voyageurs, par wagons de voyageurs.....           | 16                          | 17             | 17             | 18                            |
| Moyenne du parcours d'un voyageur.....                                 | 65                          | 70.5           | 70.4           | 76.2                          |

## DOCUMENT PARLEMENTAIRE No 20b

STATISTIQUES DE L'EXPLOITATION—*fin.*

|  | Exercice terminé le 30 juin |               |               | Année terminée le 31 décembre |
|--|-----------------------------|---------------|---------------|-------------------------------|
|  | 1917                        | 1918          | 1919          | 1919                          |
| Revenu dérivant des marchandises—par rail—                             |                             |               |               |                               |
| Recettes des transp. des marchandises...                               | \$215,245,256               | \$228,244,416 | \$266,825,882 | \$270,533,047                 |
| Recettes des transbordements.....                                      | 2,380,706                   | 2,917,752     | 2,680,377     | 2,675,180                     |
| Autres trains de marchandises et rechargement aux ports.....           | 69,161                      | 38,450        | 90,118        | 44,612                        |
| Total du revenu des marchandises.....                                  | 217,695,123                 | 231,200,618   | 269,596,377   | 273,252,839                   |
| Moyenne du revenu des marchandises, par mille de voie.....             | 5,639.19                    | 5,946.67      | 6,936.02      | 6,996.07                      |
| Moyenne du revenu des marchandises, par mille de parcours.....         | 5,575.72                    | 5,870.63      | 6,859.98      | 6,926.44                      |
| Moyenne du revenu des marchandises, par train-mille.....               | \$3.01                      | \$3.36        | \$4.26        | \$4.36                        |
| Moyenne du revenu des marchandises, par wagon chargé et par mille..... | 15.3c.                      | 17.0c.        | 22.6c.        | 22.3c.                        |
| Moyenne du revenu des marchandises, par tonne de trafic direct.....    | \$2.19                      | \$2.23        | \$2.80        | \$2.96                        |
| Moyenne du revenu des marchandises, par réseau et par tonne.....       | \$1.77                      | \$1.79        | \$2.29        | \$2.43                        |
| Moyenne du revenu des marchandises, par tonne-mille.....               | 0.690c.                     | 0.736c.       | 0.962c.       | 1.003c.                       |
| Revenu dérivant des voyageurs—par rail—                                |                             |               |               |                               |
| Recettes des voyageurs.....  | \$61,290,291                | \$67,089,363  | \$78,609,871  | \$96,262,241                  |
| Recettes des wagons-lits, wagons-salons, etc.....                      | 3,101,626                   | 3,442,337     | 3,990,956     | 5,082,670                     |
| Excédents de bagages.....  | 569,566                     | 595,790       | 573,322       | 655,892                       |
| Service postal.....  | 3,169,911                   | 3,288,734     | 3,399,831     | 3,548,325                     |
| Messagerie.....  | 8,999,074                   | 9,824,583     | 10,744,374    | 12,312,439                    |
| Lait.....  | 538,487                     | 550,416       | 621,277       | 661,239                       |
| Autres revenus des trains de voyageurs.....                            | 72,110                      | 64,025        | 49,744        | 90,121                        |
| Total des revenus des trains de voyageurs.....                         | 77,741,065                  | 84,855,248    | 97,989,375    | 118,612,927                   |
| Moyenne du revenu d'un train, par mille de voie.....                   | \$2,014.00                  | \$2,183.00    | \$2,519.00    | \$3,037.00                    |
| Moyenne du revenu d'un train, par train-mille.....                     | \$1.47                      | \$1.71        | \$2.01        | \$2.26                        |
| Moyenne du revenu d'un train, par wagon-mille.....                     | 25.6c.                      | 29.2c.        | 33.0c.        | 36.2c.                        |
| Moyenne des recettes par voyageur et par réseau.....                   | \$1.27                      | \$1.49        | \$1.80        | \$2.01                        |
| Moyenne des recettes par voyageur et par mille.....                    | 1.96c.                      | 2.12c.        | 2.56c.        | 2.63c.                        |
| Moyenne des recettes par voyageur et par wagon-mille.....              | 31.4c.                      | 36.9c.        | 42.4c.        | 47.3c.                        |
| Moyenne des recettes des wagons-lits, etc., par wagon-mille.....       | 5.21c.                      | 6.40c.        | 6.86c.        | 7.49c.                        |
| Revenu des transports par eau—   |                             |               |               |                               |
| Marchandises.....  | \$2,265,119                 | \$2,266,102   | \$2,455,033   | \$2,755,962                   |
| Voyageurs, bagages, service postal, messagerie.....                    | 1,971,644                   | 481,674       | 449,830       | 590,822                       |
| Autres gains.....  | 158,805                     | Dr. 139,749   | 243           | 120                           |
| Total.....   | 4,395,568                   | 2,608,027     | 2,905,106     | 3,346,904                     |
| Recettes brutes de l'exploitation, par rail et par eau—                |                             |               |               |                               |
| Marchandises, par rail et par eau.....                                 | \$219,960,242               | \$233,466,720 | \$272,051,410 | \$276,008,801                 |
| Voyageurs, par rail et par eau.....                                    | 79,712,709                  | 85,336,922    | 98,439,205    | 119,203,749                   |
| Autres gains de l'exploitation.....                                    | 11,098,528                  | 11,416,508    | 12,486,286    | 13,385,810                    |
| Total.....   | 310,771,479                 | 330,220,150   | 382,976,901   | 408,598,360                   |
| Dépenses d'exploitation.....   | 22,890,637                  | 273,955,436   | 341,866,509   | 376,789,093                   |
| Revenu net de l'exploitation.....                                      | 87,880,842                  | 56,264,714    | 41,110,392    | 31,809,267                    |
| Pourcentage des dépenses d'exploitation.....                           | 71.7                        | 82.9          | 89.3          | 92.2                          |
| Recettes nettes par mille de voie.....                                 | 8,050.24                    | 8,493.54      | 9,846.18      | 10,461.32                     |
| Recettes brutes par train-mille (train revenu)                         | 2.682                       | 3.006         | 3.683         | 3.817                         |

## MARCHANDISES TRANSPORTÉES.

|  | Exercice terminé le 30 juin |            |            | Année terminée le 31 décembre 1919 |
|--|-----------------------------|------------|------------|------------------------------------|
|  | 1917                        | 1918       | 1919       |                                    |
|  | tonnes                      | tonnes     | tonnes     | tonnes                             |
| <b>Produits agricoles—</b>             |                             |            |            |                                    |
| Grain.....                             | 16,491,090                  | 13,985,361 | 11,285,463 | 11,432,613                         |
| Farine.....                            | 3,374,965                   | 3,919,476  | 3,051,415  | 3,659,096                          |
| Autres produits de meunerie.....       | 1,684,176                   | 1,722,985  | 1,534,421  | 1,717,858                          |
| Foin.....                              | 1,042,395                   | 1,522,626  | 1,650,194  | 1,527,945                          |
| Tabac.....                             | 44,482                      | 51,252     | 56,508     | 52,245                             |
| Coton.....                             | 154,256                     | 349,385    | 170,657    | 190,985                            |
| Fruits et légumes.....                 | 1,649,779                   | 1,604,126  | 1,769,150  | 2,027,459                          |
| Autres produits agricoles.....         | 686,311                     | 722,459    | 617,655    | 725,430                            |
| <b>Produits animaux—</b>               |                             |            |            |                                    |
| Bétail.....                            | 1,534,560                   | 1,515,471  | 1,732,176  | 1,924,932                          |
| Viandes préparées.....                 | 645,094                     | 764,121    | 1,073,921  | 1,102,869                          |
| Autres salaisons.....                  | 596,349                     | 644,023    | 946,949    | 758,629                            |
| Volaille, gibier et poisson.....       | 373,514                     | 424,728    | 550,115    | 406,399                            |
| Laine.....                             | 62,456                      | 90,455     | 73,557     | 79,755                             |
| Cuir et peaux.....                     | 249,794                     | 250,713    | 281,055    | 341,920                            |
| Autres produits animaux.....           | 499,120                     | 559,821    | 596,443    | 664,972                            |
| <b>Produits miniers—</b>               |                             |            |            |                                    |
| Houille anthracite.....                | 7,623,874                   | 9,033,037  | 7,361,435  | 8,944,464                          |
| Houille bitumineuse.....               | 21,782,444                  | 25,076,008 | 23,440,474 | 17,565,702                         |
| Coke.....                              | 1,641,488                   | 1,735,596  | 1,354,697  | 908,988                            |
| Minerais.....                          | 5,570,215                   | 5,491,452  | 4,084,964  | 2,875,038                          |
| Pierre, sable, etc.....                | 3,910,562                   | 3,850,855  | 3,402,681  | 4,187,380                          |
| Autres produits miniers.....           | 2,006,054                   | 2,002,543  | 1,765,570  | 1,989,782                          |
| <b>Produits forestiers—</b>            |                             |            |            |                                    |
| Bois de sciage.....                    | 10,100,749                  | 10,478,969 | 9,955,898  | 10,901,996                         |
| Autres produits forestiers.....        | 8,989,933                   | 10,372,485 | 11,298,507 | 9,676,718                          |
| <b>Produits fabriqués—</b>             |                             |            |            |                                    |
| Pétrole et autres huiles.....          | 1,414,800                   | 1,636,594  | 2,035,899  | 1,251,735                          |
| Sucre.....                             | 797,763                     | 912,113    | 899,984    | 1,126,166                          |
| Approvisionnements de navires.....     | 108,958                     | 133,168    | 66,129     | 12,715                             |
| Fer en gueuse et en matte.....         | 1,723,249                   | 1,745,383  | 1,460,466  | 1,141,055                          |
| Rails de fer et acier.....             | 1,100,245                   | 1,104,996  | 1,475,576  | 1,017,251                          |
| Fonte et machines.....                 | 1,920,301                   | 1,997,184  | 1,638,116  | 1,234,033                          |
| Métal en barre et en tôle.....         | 1,562,313                   | 1,784,228  | 1,544,779  | 1,183,619                          |
| Ciment, briques et chaux.....          | 2,698,166                   | 2,192,898  | 1,883,550  | 2,532,952                          |
| Instruments aratoires.....             | 469,142                     | 529,577    | 469,230    | 1,167,659                          |
| Camions, voitures, outils, etc.....    | 672,939                     | 566,720    | 567,194    | 194,295                            |
| Vins, liqueurs et bières.....          | 218,977                     | 223,350    | 193,091    | 466,601                            |
| Articles de ménage et ameublement..... | 438,483                     | 499,751    | 443,875    | 10,681,644                         |
| Autres produits fabriqués.....         | 8,795,971                   | 9,036,745  | 8,164,138  | 4,870,882                          |
| Marchandises.....                      | 6,070,858                   | 5,047,616  | 4,421,320  | 910,062                            |
| Divers.....                            | 3,151,203                   | 3,952,372  | 3,362,320  | 33,936                             |

## RÉSUMÉ.

|                          | Exercice terminé le 30 juin |                     |                    | Année terminée le 31 déc. 1919 |
|--------------------------|-----------------------------|---------------------|--------------------|--------------------------------|
|                          | 1917                        | 1918                | 1919               |                                |
|                          | tonnes                      | tonnes              | tonnes             | tonnes                         |
| Produits agricoles.....  | 25,127,453                  | 23,877,670          | 20,135,463         | 21,333,631                     |
| Produits animaux.....    | 3,980,887                   | 4,249,332           | 5,274,216          | 5,279,476                      |
| Produits miniers.....    | 42,534,637                  | 47,189,491          | 41,409,821         | 36,471,354                     |
| Produits forestiers..... | 19,690,682                  | 20,851,454          | 21,254,405         | 20,578,714                     |
| Produits fabriqués.....  | 21,921,309                  | 22,362,807          | 20,842,027         | 22,009,725                     |
| Marchandises.....        | 6,070,858                   | 5,047,616           | 4,421,320          | 4,870,882                      |
| Divers.....              | 3,151,203                   | 3,952,372           | 3,362,320          | 943,998                        |
| <b>Totaux.....</b>       | <b>c121,916,272</b>         | <b>d127,543,687</b> | <b>116,699,572</b> | <b>111,487,780</b>             |

c 39,244 tonnes non classifiées.

d 12,945 tonnes non classifiées

## DOCUMENT PARLEMENTAIRE No 20b

## DÉPENSES D'EXPLOITATION.

|   | Exercice terminé le 30 juin |             |             | Année terminée le 31 déc. 1919 |
|---|-----------------------------|-------------|-------------|--------------------------------|
|   | 1917                        | 1918        | 1919        |                                |
|   | \$                          | \$          | \$          |                                |
| Dépenses d'exploitation—                                    |                             |             |             | \$                             |
| Entretien des voies et ouvrages.....                        | 41,154,193                  | 51,614,858  | 69,034,242  | 82,343,530                     |
| Entretien du matériel.....                                  | 46,371,178                  | 57,304,235  | 78,397,270  | 85,577,378                     |
| Trafic.....   | 6,236,811                   | 6,342,394   | 6,545,933   | 7,242,438                      |
| Transports—par rail.....                                    | 114,327,344                 | 145,107,396 | 170,382,034 | 181,979,405                    |
| “ par eau.....  | 3,271,893                   | 1,552,959   | 2,168,890   | 2,235,042                      |
| Exploitations diverses.....                                 | 3,962,544                   | 4,433,666   | 5,606,045   | 7,101,199                      |
| Frais généraux.....   | 7,584,881                   | 7,597,985   | 9,739,449   | 10,420,460                     |
| Traction (placement), Cr.....                               | 18,207                      | 8,057       | 7,354       | 110,359                        |
| Total.....  | 222,890,637                 | 273,955,436 | 341,866,509 | 376,789,093                    |
| Dépenses d'exploitation par mille de voie..                 | 5774.                       | 7046.       | 8789.       | 9645.                          |
| Dépenses d'exploitation par train-mille (tous trains).....  | \$ 1,866                    | 2,403       | 3,166       | 3,373                          |
| Dépenses d'exploitation par train-mille (train-revenu)..... | \$ 1,925                    | 2,494       | 3,292       | 3,520                          |

## TAXES.

| Provinces                 | Exercice terminé le 30 juin |              |              | Année terminée le 31 déc. 1919 |
|---------------------------|-----------------------------|--------------|--------------|--------------------------------|
|                           | 1917                        | 1918         | 1919         |                                |
|                           | \$ c.                       | \$ c.        | \$ c.        |                                |
| Nouvelle-Ecosse.....      | 437 36                      | 1,705 13     | 964 00       | 14,336 57                      |
| Nouveau-Brunswick.....    | 58,740 06                   | 58,446 21    | 76,211 61    | 92,887 33                      |
| Québec.....               | 659,049 59                  | 624,816 36   | 811,564 52   | 939,147 39                     |
| Ontario.....              | 2,148,141 12                | 1,693,129 38 | 1,974,185 48 | 2,125,819 21                   |
| Manitoba.....             | 396,924 52                  | 337,140 82   | 212,273 30   | 399,288 29                     |
| Saskatchewan.....         | 251,575 68                  | 163,186 37   | 259,027 80   | 149,115 07                     |
| Alberta.....              | 189,812 57                  | 210,067 33   | 526,565 03   | 231,576 39                     |
| Colombie Britannique..... | 326,122 51                  | 749,422 79   | 649,558 05   | 733,589 84                     |
| Yukon.....                | 6,805 27                    | 6,826 17     | 6,821 05     | 5,833 56                       |
| Non réparties.....        |                             |              | 285,880 15   | 194,316 32                     |
| Hors du Canada.....       | 316,563 84                  | 166,347 82   | 258,381 70   | 379,332 14                     |
| Total.....                | 4,354,172 52                | 4,011,088 38 | 5,061,432 96 | 5,265,242 11                   |

L'île du Prince-Edouard ne possède pas d'autre chemin de fer que le Prince-Edward Island Ry. qui appartient à l'État et n'est, par conséquent, pas assujéti à l'impôt.

| Traitements, appointements et salaires                                 | Exercice terminé le 30 juin |                |                | Année terminée le 31 déc. 1919 |
|--|-----------------------------|----------------|----------------|--------------------------------|
|  | 1917                        | 1918           | 1919           |                                |
|  | \$ c.                       | \$ c.          | \$ c.          |                                |
| No d'ordre—  |                             |                |                | \$ c.                          |
| 1 à 5—Siège social—Direction.....                                      | 14,957,705 43               | 17,075,814 44  | 22,985,070 54  | 25,092,823 79                  |
| 6 à 26—Entretien de la voie, du matériel et construction.....          | 53,237,311 21               | 64,432,547 93  | 93,308,553 59  | 105,630,054 13                 |
| 27 à 29—Trafic extérieur.....  | 715,306,98                  | 738,057 19     | 1,043,463 63   | 1,764,607 35                   |
| 30 à 40)   |                             |                |                |                                |
| 46 à 47—Personnel affecté à différents services de l'exploitation..... | 26,306,422 37               | 30,310,862 42  | 42,332,795 32  | 48,614,416 90                  |
| 59 à 65)   |                             |                |                |                                |
| 41 à 45—Personnel des dépôts.....                                      | 7,031,963 84                | 8,665,250 22   | 11,353,453 60  | 11,997,823 13                  |
| 49 à 58—Personnel des trains.....                                      | 27,377,475 41               | 31,052,420 68  | 37,556,657 93  | 40,223,349 02                  |
| Total.....   | 129,626,185 24              | 152,274,952 88 | 208,939,994 61 | 233,323,074 31                 |

## PERSONNEL CLASSIFIÉ POUR L'ANNÉE TERMINÉE LE 31 DÉCEMBRE 1919.

| Personnel classifié   | Moyenne du nombre des employés | Heures de travail et rémunération          |   |
|---|--------------------------------|--|---|
|   |                                | Total des heures de travail durant l'année | Traitements, appointement et salaires, payés durant l'année |
|   |                                |  | § c.  |
| 1 Fonctionnaires supérieurs.....  | 802                            | 2,396,990                                  | 3,803,856 03  |
| 2 Chefs des services.....   | 1,053                          | 3,282,740                                  | 2,765,037 29  |
| 3 Commis.....   | 14,785                         | 38,019,386                                 | 17,443,520 15   |
| 4 Messagers et huissiers.....   | 470                            | 1,463,360                                  | 355,299 38  |
| 5 Sous-ingénieurs et dessinateurs.....  | 494                            | 1,474,420                                  | 725,110 94  |
| 6 Contremaîtres E. V. et S. (autres que nos 7 et 25).....                       | 875                            | 2,240,336                                  | 1,433,424 68  |
| 7 Contremaîtres de section.....   | 6,033                          | 16,158,735                                 | 8,541,243 81  |
| 8 Chefs d'ateliers, service du matériel.....                                    | 152                            | 553,150                                    | 379,483 05  |
| 9 Contremaîtres d'équipes et autres services du matériel.....                   | 1,698                          | 4,334,146                                  | 3,428,450 00  |
| 10 Machinistes.....   | 5,015                          | 11,039,997                                 | 7,815,319 30  |
| 11 Chaudronniers.....   | 1,223                          | 2,967,559                                  | 2,058,289 77  |
| 12 Forgerons.....   | 722                            | 1,601,303                                  | 1,136,218 49  |
| 13 Maçons (pierre et brique).....   | 91                             | 189,150                                    | 114,046 75  |
| 14 Charpentiers en fer.....   | 45                             | 98,922                                     | 50,262 37   |
| 15 Charpentiers-menuisiers.....   | 5,871                          | 13,019,427                                 | 8,165,195 94  |
| 16 Peintres et tapissiers-bourreurs.....  | 1,589                          | 3,351,328                                  | 2,245,463 28  |
| 17 Electriciens.....  | 536                            | 1,153,122                                  | 828,114 32  |
| 18 Serre-freins (à air).....  | 296                            | 667,676                                    | 424,352 32  |
| 19 Inspecteurs de wagons.....   | 979                            | 2,635,383                                  | 1,776,052 43  |
| 20 Ouvriers réparant les wagons.....  | 4,938                          | 11,409,085                                 | 6,767,342 23  |
| 21 Autres corps de métier.....  | 6,823                          | 15,683,671                                 | 9,005,147 02  |
| 22 Aides et apprentis mécaniciens.....  | 8,456                          | 18,150,488                                 | 8,563,502 60  |
| 23 Cantonniers et poseurs.....  | 24,776                         | 60,407,960                                 | 24,568,210 24   |
| 24 Autres journaliers et manouvriers.....                                       | 14,445                         | 33,959,574                                 | 13,138,429 90   |
| 25 Contremaîtres des équipes de construction et des trains de construction..... | 317                            | 852,110                                    | 548,476 37  |
| 26 Hommes constituant ces équipes (no 25).....                                  | 6,064                          | 12,892,519                                 | 4,643,029 25  |
| 27 Agents sollicitateurs (voyageurs).....                                       | 299                            | 862,600                                    | 535,962 92  |
| 28 Employés des agences à l'étranger.....                                       | 109                            | 274,019                                    | 229,665 19  |
| 29 Autres employés du trafic.....   | 1,062                          | 2,334,372                                  | 998,979 24  |
| 30 Expéditeurs et directeurs des trains.....                                    | 551                            | 1,423,537                                  | 1,543,049 00  |
| 31 Télégraphistes, téléphonistes et signaleurs.....                             | 2,143                          | 5,765,561                                  | 4,069,950 78  |
| 32 Télégraphistes et téléphonistes des disques et arrêts.....                   | 217                            | 680,624                                    | 318,067 90  |
| 33 Aiguilleurs (non télégraphistes).....  | 420                            | 1,190,811                                  | 545,831 66  |
| 34 Commis de télégraphe.....  | 357                            | 989,727                                    | 609,978 21  |
| 35 Agents télégraphistes.....   | 2,955                          | 7,797,153                                  | 6,275,052 34  |
| 36 Employés des gares et stations (non télégraphistes).....                     | 686                            | 2,124,890                                  | 1,223,023 52  |
| 37 Chefs et sous-chefs de gares et stations.....                                | 95                             | 309,430                                    | 114,666 88  |
| 38 Personnel des gares et stations (autres que nos 3, 34, 35, 36 et 47).....    | 9,777                          | 24,189,138                                 | 11,343,067 91   |
| 39 Chefs des dépôts et paires.....  | 258                            | 835,070                                    | 701,333 00  |
| 40 Sous-chefs des dépôts et paires (non commis).....                            | 148                            | 473,970                                    | 352,622 43  |
| 41 Mécaniciens des dépôts.....  | 1,161                          | 3,509,087                                  | 2,556,631 43  |
| 42 Chauffeurs des dépôts et leurs aides.....                                    | 1,221                          | 3,522,863                                  | 1,869,662 06  |
| 43 Conducteurs de train, des dépôts.....  | 1,235                          | 3,459,732                                  | 2,439,431 48  |
| 44 Serre-freins des dépôts.....   | 2,544                          | 6,788,986                                  | 4,451,398 25  |
| 45 Aiguilleurs des dépôts.....  | 497                            | 1,400,782                                  | 680,699 91  |
| 46 Autre personnel des dépôts et paires.....                                    | 313                            | 853,888                                    | 282,351 25  |
| 47 Palefreniers.....  | 693                            | 1,683,561                                  | 935,491 42  |
| 48 Surveillants et journaliers des remises aux machines.....                    | 4,915                          | 13,400,424                                 | 5,780,784 62  |
| 49 Mécaniciens et wattmen des trains de marchandises.....                       | 3,260                          | 9,350,156                                  | 8,826,508 79  |
| 50 Chauffeurs des trains de marchandises et leurs aides.....                    | 3,589                          | 9,392,249                                  | 5,998,328 75  |
| 51 Conducteurs des trains de marchandises.....                                  | 2,599                          | 8,368,242                                  | 5,970,728 59  |
| 52 Serre-freins et signaleurs des trains de marchandises.....                   | 5,542                          | 17,159,253                                 | 9,347,282 96  |
| 53 Mécaniciens et wattmen des trains de voyageurs.....                          | 1,096                          | 2,954,848                                  | 3,224,355 68  |
| 54 Chauffeurs des trains de voyageurs et leurs aides.....                       | 1,059                          | 2,822,455                                  | 2,345,665 96  |
| 55 Conducteurs des trains de voyageurs.....                                     | 809                            | 2,370,742                                  | 2,005,245 49  |
| 56 Préposés aux bagages, sur trains de voyageurs.....                           | 722                            | 2,194,702                                  | 1,826,852 09  |
| 57 Serre-freins et signaleurs des trains de voyageurs.....                      | 1,094                          | 3,089,855                                  | 1,829,614 05  |
| 58 Autre personnel circulant sur les trains.....                                | 95                             | 207,899                                    | 88,736 66   |
| 59 Garde-barrières.....   | 765                            | 2,161,675                                  | 840,208 05  |
| 60 Gardiens de ponts tournants.....   | 117                            | 340,002                                    | 153,284 16  |
| 61 Employés sur matériel flottant.....  | 1,965                          | 10,287,067                                 | 2,109,824 33  |
| 62 Employés aux messageries.....  | 822                            | 2,084,235                                  | 886,984 89  |
| 63 Inspecteurs et policiers.....  | 781                            | 2,611,110                                  | 1,005,387 35  |
| 64 Tous autres employés à la traction.....                                      | 788                            | 2,335,552                                  | 1,034,278 73  |
| 65 Tous autres employés.....  | 8,421                          | 24,768,498                                 | 8,489,238 44  |
| Total.....  | 173,728                        | 446,372,562                                | 233,323,074 31  |

## DOCUMENT PARLEMENTAIRE No 20b

## MOYENNE DE LA RÉMUNÉRATION DU PERSONNEL DES CHEMINS DE FER, PAR HEURE.

|   | Exercice terminé le |      |       | 31 décembre |
|---|---------------------|------|-------|-------------|
|   | 1917                | 1918 | 1919  | 1919        |
|   | ets.                | ets. | ets.  | ets.        |
| 1 Fonctionnaires supérieurs.....  |                     |      |       |             |
| 2 Chefs des services.....   |                     |      |       |             |
| 3 Commis.....   | 280                 | 307  | 442   | 458         |
| 4 Messagers et huissiers.....   | 117                 | 178  | 240   | 242         |
| 5 Sous-ingénieurs et dessinateurs.....  | 355                 | 409  | 545   | 491         |
| 6 Contremaîtres E. V. et S. (autres que nos 7 et 25).....                       | 355                 | 394  | 531   | 639         |
| 7 Contremaîtres de section.....   | 279                 | 314  | 635   | 529         |
| 8 Chefs d'ateliers, service du matériel.....                                    | 487                 | 540  | 787   | 686         |
| 9 Contremaîtres d'équipes et autres, service du matériel.....                   | 385                 | 457  | 734   | 791         |
| 10 Machinistes.....   | 422                 | 467  | 685   | 708         |
| 11 Chaudronniers.....   | 394                 | 455  | 600   | 694         |
| 12 Forgerons.....   | 250                 | 423  | 680   | 709         |
| 13 Maçons (pierre et brique).....   | 350                 | 431  | 585   | 603         |
| 14 Charpentiers en fer.....   | 305                 | 334  | 436   | 508         |
| 15 Charpentiers-menuisiers.....   | 304                 | 368  | 581   | 627         |
| 16 Peintres et tapissiers-bourreurs.....  | 296                 | 362  | 597   | 670         |
| 17 Electriciens.....  | 323                 | 373  | 613   | 718         |
| 18 Serre-freins (à air).....  | 387                 | 342  | 583   | 636         |
| 19 Inspecteurs de wagons.....   | 298                 | 321  | 559   | 674         |
| 20 Ouvriers réparant les wagons.....  | 263                 | 321  | 542   | 593         |
| 21 Autres corps de métiers.....   | 296                 | 350  | 550   | 574         |
| 22 Aides et apprentis mécaniciens.....  | 237                 | 298  | 432   | 472         |
| 23 Cantonniers et poseurs.....  | 206                 | 237  | 366   | 407         |
| 24 Autres journaliers ou manouvriers.....                                       | 219                 | 252  | 342   | 387         |
| 25 Contremaîtres des équipes de construction et des trains de construction..... | 363                 | 329  | 555   | 644         |
| 26 Hommes constituant ces équipes (no 25).....                                  | 212                 | 268  | 315   | 360         |
| 27 Agents solliciteurs (voyageurs).....   | 473                 | 471  | 602   | 621         |
| 28 Employés des agences à l'étranger.....                                       | 557                 | 802  | 860   | 838         |
| 29 Autres employés du trafic.....   | 388                 | 445  | 370   | 428         |
| 30 Expéditeurs et directeurs des trains.....                                    | 623                 | 704  | 957   | 1084        |
| 31 Télégraphistes, téléphonistes et signaleurs.....                             | 308                 | 382  | 608   | 706         |
| 32 Télégraphistes et téléphonistes des disques et arrêts.....                   | 258                 | 338  | 424   | 467         |
| 33 Aiguilleurs (non télégraphistes).....  | 187                 | 207  | 402   | 458         |
| 34 Commis de télégraphe.....  | 284                 | 328  | 510   | 616         |
| 35 Agents télégraphistes.....   | 318                 | 381  | 602   | 805         |
| 36 Employés des gares et stations (non télégraphistes).....                     | 322                 | 361  | 520   | 576         |
| 37 Chefs et sous-chefs de gares et stations.....                                | 243                 | 306  | 411   | 371         |
| 38 Personnel des gares et stations (autres que nos 3, 34, 35, 36 et 47).....    | 225                 | 257  | 390   | 469         |
| 39 Chefs des dépôts et parcs.....   | 458                 | 507  | 724   | 840         |
| 40 Sous-chefs des dépôts et parcs (non commis).....                             | 333                 | 416  | 629   | 744         |
| 41 Mécaniciens des dépôts.....  | 422                 | 532  | 676   | 729         |
| 42 Chauffeurs des dépôts et leurs aides.....                                    | 264                 | 334  | 479   | 531         |
| 43 Conducteurs de train, des dépôts.....  | 389                 | 444  | 644   | 705         |
| 44 Serre-freins des dépôts.....   | 375                 | 412  | 636   | 656         |
| 45 Aiguilleurs des dépôts.....  | 201                 | 199  | 380   | 486         |
| 46 Autre personnel des dépôts et parcs.....                                     | 163                 | 203  | 280   | 331         |
| 47 Palefreniers.....  | 284                 | 303  | 433   | 556         |
| 48 Surveillants et journaliers des remises aux machines.....                    | 212                 | 247  | 386   | 431         |
| 49 Mécaniciens et wattmen des trains de marchandises.....                       | 538                 | 660  | 798   | 869         |
| 50 Chauffeurs des trains de marchandises et leurs aides.....                    | 364                 | 437  | 607   | 639         |
| 51 Conducteurs des trains de marchandises.....                                  | 483                 | 560  | 678   | 713         |
| 52 Serre-freins et signaleurs des trains de marchandises.....                   | 324                 | 338  | 537   | 545         |
| 53 Mécaniciens et wattmen des trains de voyageurs.....                          | 688                 | 838  | 1 017 | 1 091       |
| 54 Chauffeurs des trains de voyageurs et leurs aides.....                       | 413                 | 559  | 767   | 831         |
| 55 Conducteurs des trains de voyageurs.....                                     | 589                 | 552  | 798   | 846         |
| 56 Préposés aux bagages sur trains de voyageurs.....                            | 375                 | 359  | 560   | 586         |
| 57 Serre-freins et signaleurs des trains de voyageurs.....                      | 372                 | 366  | 556   | 592         |
| 58 Autre personnel circulant sur les trains.....                                | 296                 | 488  | 448   | 427         |
| 59 Garde-barrières.....   | 146                 | 175  | 351   | 389         |
| 60 Gardiens des ponts tournants.....  | 189                 | 232  | 412   | 450         |
| 61 Employés sur matériel flottant.....  | 133                 | 155  | 179   | 205         |
| 62 Employés aux messageries.....  | 171                 | 257  | 350   | 426         |
| 63 Inspecteurs et policiers.....  | 219                 | 248  | 252   | 385         |
| 64 Tous autres employés à la traction.....                                      | 213                 | 244  | 385   | 443         |
| 65 Tous autres employés.....  | 188                 | 220  | 307   | 343         |
| Total.....  | 288                 | 331  | 484   | 523         |

II GEORGE V, A. 1921

## WAGONS DE MARCHANDISES EN SERVICE.

|                                  | Exercice terminé le 30 juin |           |           | Année terminée le 31 déc. 1919 |
|----------------------------------|-----------------------------|-----------|-----------|--------------------------------|
|                                  | 1917                        | 1918      | 1919      |                                |
| Fourgons—nombre.....             | 145,290                     | 150,074   | 153,520   | 154,044                        |
| capacité totale, en tonnes.....  | 4,899,651                   | 5,126,659 | 5,255,211 | 5,269,064                      |
| capacité moyenne, en tonnes..... | 33,723                      | 34,161    | 34,231    | 34,205                         |
| Plate-formes—nombre.....         | 25,322                      | 23,414    | 24,768    | 25,657                         |
| capacité totale, en tonnes.....  | 816,245                     | 759,768   | 817,847   | 832,047                        |
| capacité moyenne, en tonnes..... | 32,234                      | 32,449    | 33,020    | 33,209                         |
| A bestiaux—nombre.....           | 7,853                       | 8,556     | 9,189     | 11,023                         |
| capacité totale, en tonnes.....  | 232,185                     | 253,350   | 272,590   | 330,745                        |
| capacité moyenne, en tonnes..... | 29,454                      | 29,611    | 29,665    | 30,005                         |
| A charbon—nombre.....            | 15,649                      | 16,949    | 18,375    | 17,908                         |
| capacité totale, en tonnes.....  | 538,609                     | 692,785   | 772,800   | 758,342                        |
| capacité moyenne, en tonnes..... | 34,418                      | 40,875    | 42,057    | 42,347                         |
| Réservoirs—nombre.....           | 731                         | 485       | 419       | 414                            |
| capacité totale, en tonnes.....  | 25,134                      | 16,306    | 14,340    | 14,258                         |
| capacité moyenne, en tonnes..... | 34,383                      | 33,621    | 34,224    | 34,440                         |
| Frigorifiques—nombre.....        | 5,234                       | 5,893     | 6,022     | 5,591                          |
| capacité totale, en tonnes.....  | 155,510                     | 176,890   | 180,800   | 169,105                        |
| capacité moyenne, en tonnes..... | 29,712                      | 30,017    | 30,023    | 30,246                         |
| Autres—nombre.....               | 3,390                       | 3,664     | 4,965     | 5,158                          |
| capacité totale, en tonnes.....  | 137,122                     | 141,012   | 185,797   | 194,137                        |
| capacité moyenne, en tonnes..... | 40,449                      | 38,486    | 37,421    | 37,638                         |
| Total—nombre.....                | 203,499                     | 209,035   | 217,258   | 219,795                        |
| capacité totale, en tonnes.....  | 7,804,456                   | 7,166,770 | 7,499,295 | 7,587,698                      |
| capacité moyenne, en tonnes..... | 33,437                      | 34,285    | 34,518    | 34,522                         |

## WAGONS DE VOYAGEURS EN SERVICE.

|  | Exercice terminé le 30 juin |         |         | Année terminée le 31 déc. 1919 |
|--|-----------------------------|---------|---------|--------------------------------|
|  | 1917                        | 1918    | 1919    |                                |
| De première classe.....                          | 2,168                       | 2,172   | 2,172   | 2,209                          |
| De seconde classe.....                           | 687                         | 595     | 618     | 592                            |
| Mixtes.....                                      | 418                         | 406     | 396     | 382                            |
| D'immigrants.....                                | 534                         | 568     | 701     | 671                            |
| Wagons-restaurants.....                          | 216                         | 196     | 203     | 204                            |
| Wagons-salons.....                               | 155                         | 166     | 164     | 162                            |
| Wagons-lits.....                                 | 562                         | 555     | 550     | 548                            |
| De bagage de messagerie et wagons-postaux.....   | 1,462                       | 1,514   | 1,513   | 1,584                          |
| Autres.....                                      | 175                         | 204     | 195     | 186                            |
| Total.....                                       | 6,377                       | 6,376   | 6,512   | 6,538                          |
| Wagons pour le service de la compagnie—          |                             |         |         |                                |
| A l'usage des fonctionnaires et des payeurs..... | 144                         | 446     | 154     | 159                            |
| A gravois.....                                   | 5,341                       | 5,132   | 5,298   | 4,922                          |
| A grue.....                                      | 216                         | 215     | 241     | 254                            |
| Cambuse.....                                     | 3,074                       | 3,165   | 3,220   | 3,225                          |
| Autres, service des voies.....                   | 9,866                       | 9,932   | 88-40   | 8,733                          |
| Total.....                                       | 18,641                      | 18,890  | 17,753  | 17,293                         |
| Total des wagons en service.....                 | 228,517                     | 234,301 | 241,523 | 243,626                        |
| Wagons loués (compris ci-dessus).....            | 317                         | 239     | 428     | 358                            |



## DOCUMENT PARLEMENTAIRE No 20b

## LOCOMOTIVES EN SERVICE.

|                                   | Exercice terminé le 30 juin |       |       | Année terminée le 31 décembre 1919 |
|-----------------------------------|-----------------------------|-------|-------|------------------------------------|
|                                   | 1917                        | 1918  | 1919  |                                    |
| Locomotives—                      |                             |       |       |                                    |
| A trains de voyageurs.....        | 1,389                       | 1,372 | 1,457 | 1,515                              |
| A trains de marchandises.....     | 3,490                       | 3,603 | 3,610 | 3,607                              |
| De manœuvre.....                  | 747                         | 781   | 812   | 825                                |
| Total.....                        | 5,626                       | 5,756 | 5,879 | 5,947                              |
| Louées (comprises ci-dessus)..... | 74                          | 65    | 26    | 101                                |

La force de traction de toutes les locomotives, pour l'année terminée le 31 décembre 1919, s'élevait à 176,173,991 livres, soit une moyenne de 30,234 livres par locomotive.

## COMBUSTIBLE CONSOMMÉ PAR LES LOCOMOTIVES (EN TONNES).

| Catégorie de locomotives      | Exercice terminé le 30 juin |            |            | Année terminée le 31 décembre 1919 |
|-------------------------------|-----------------------------|------------|------------|------------------------------------|
|                               | 1917                        | 1918       | 1919       |                                    |
| A marchandises.....           | 2,675,606                   | 5,852,935  | 5,185,560  | 5,052,59                           |
| A voyageurs.....              | 2,127,621                   | 2,092,912  | 2,088,087  | 2,347,468                          |
| Mixtes.....                   | 524,917                     | 445,058    | 499,467    | 488,716                            |
| De manœuvre.....              | 1,463,280                   | 1,454,385  | 1,345,598  | 1,444,740                          |
| Spéciales et sans revenu..... | 338,835                     | 328,055    | 332,306    | 363,110                            |
| Total, tonnes.....            | 10,130,799                  | 10,173,344 | 9,451,018  | 9,696,625                          |
| Coût total.....               | 36,784,642                  | 52,630,430 | 52,314,897 | 52,563,334                         |
| Coût moyen par tonne.....     | 3.63                        | 5.17       | 5.52       | 5.42                               |

## ANALYSE DE LA CONSOMMATION DE COMBUSTIBLE PENDANT L'ANNÉE TERMINÉE LE 31 DÉCEMBRE 1919.

| Catégorie de locomotives   | Charbon     |             | Bois   | Autres combustibles |                 | Total     | Milles parcourus |
|----------------------------|-------------|-------------|--------|---------------------|-----------------|-----------|------------------|
|                            | Anthra-cite | Bitumi-neux |        | Pétrole             | Charbon de bois |           |                  |
|                            | tonnes      | tonnes      | cordes | gallons             | boisseaux       | tonnes    |                  |
| A marchandises.....        | 1,629       | 4,850,170   | 25,608 | 30,969,300          | 45,576          | 5,052,5   | 59,063,240       |
| A voyageurs.....           | 581         | 2,228,189   | 12,262 | 18,564,081          | 43,558          | 2,347,468 | 46,154,564       |
| Mixtes.....                | 841         | 479,803     | 2,801  | 1,113,710           | 4,592           | 488,716   | 8,146,394        |
| De manœuvre.....           |             | 1,422,344   | 8,656  | 2,963,652           | 16,942          | 1,444,740 | 25,560,456       |
| Spéciales et sans revenu.. | 92          | 348,685     | 2,368  | 2,050,924           | 3,180           | 363,110   | 6,137,047        |
| Total.....                 | 3,143       | 9,329,191   | 51,695 | 55,661,667          | 113,848         | 9,696,625 | 145,061,70       |

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## COMBUSTIBLE CONSOMMÉ PAR LOCOMOTIVE ET PAR 100 MILLES (EN TONNES).

| Catégorie de locomotives      | Exercice terminé le 30 juin |      |      | Année terminée le 31 décembre 1919 |
|-------------------------------|-----------------------------|------|------|------------------------------------|
|                               | 1917                        | 1918 | 1919 |                                    |
| A marchandises.....           | 8.23                        | 9.15 | 8.55 | 8.55                               |
| A voyageurs.....              | 4.83                        | 5.12 | 4.93 | 5.09                               |
| Mixtes.....                   | 6.09                        | 5.64 | 5.81 | 6.00                               |
| De manœuvre.....              | 5.13                        | 5.09 | 5.60 | 5.65                               |
| Spéciales et sans revenu..... | 2.18                        | 6.03 | 5.82 | 5.92                               |

## CÔÛT DU COMBUSTIBLE CONSOMMÉ PAR LOCOMOTIVE ET PAR 100 MILLES.

| Catégorie de locomotives      | Exercice terminé le 30 juin |          |          | Année terminée le 31 décembre 1919 |
|-------------------------------|-----------------------------|----------|----------|------------------------------------|
|                               | 1917                        | 1918     | 1919     |                                    |
| A marchandises.....           | \$ 29.87                    | \$ 47.30 | \$ 47.22 | \$ 46.36                           |
| A voyageurs.....              | 17.53                       | 26.47    | 27.22    | 27.57                              |
| Mixtes.....                   | 22.10                       | 29.15    | 32.09    | 32.52                              |
| De manœuvre.....              | 18.62                       | 26.32    | 30.94    | 30.64                              |
| Spéciales et sans revenu..... | 7.91                        | 31.17    | 32.15    | 32.07                              |

## CONSOMMATION DES TRAVERSES DE VOIE FERRÉE.

| Essences                       | Exercice terminé le 30 juin |           |              | Année terminée le 31 décembre 1919 |
|--------------------------------|-----------------------------|-----------|--------------|------------------------------------|
|                                | 1917                        | 1918      | 1919         |                                    |
| Cèdre—                         |                             |           |              |                                    |
| Nombre de traverses.....       | 631,673                     | 610,158   | 1,259,841    | 1,661,261                          |
| Coût des traverses.....        | 293,689                     | 381,377   | 997,092.16   | 1,329,008.80                       |
| Coût moyen d'une traverse..... | 46.4c                       | 62.5c     | 79.2c        | 80.0c                              |
| Chêne—                         |                             |           |              |                                    |
| Nombre de traverses.....       | 460,903                     | 686,886   | 907,142      | 1,033,823                          |
| Coût des traverses.....        | 334,210                     | 592,747   | 929,097.63   | 1,017,281.83                       |
| Coût moyen d'une traverse..... | 72.4c                       | 86.3c     | \$1.02       | 98.4c                              |
| Pruche—                        |                             |           |              |                                    |
| Nombre de traverses.....       | 197,118                     | 304,103   | 1,360,533    | 1,434,975                          |
| Coût des traverses.....        | 73,281                      | 137,211   | 942,021.71   | 1,051,836.67                       |
| Coût moyen d'une traverse..... | 37.1c                       | 45.1c     | 69.2c        | 73.3c                              |
| Epinette—                      |                             |           |              |                                    |
| Nombre de traverses.....       | 196,087                     | 88,482    | 893,864      | 818,556                            |
| Coût des traverses.....        | 54,633                      | 28,645    | 631,967.95   | 556,618.08                         |
| Coût moyen d'une traverse..... | 22.2c                       | 32.4c     | 70.7c        | 68.0c                              |
| Sapin—                         |                             |           |              |                                    |
| Nombre de traverses.....       | 62,483                      | 63,678    | 267,853      | 601,405                            |
| Coût des traverses.....        | 23,220                      | 25,903    | 165,735.77   | 369,864.08                         |
| Coût moyen d'une traverse..... | 37.1                        | 40.6c     | 61.8c        | 61.5c                              |
| Mélèze—                        |                             |           |              |                                    |
| Nombre de traverses.....       | 813,697                     | 180,269   | 1,091,836    | 1,752,148                          |
| Coût des traverses.....        | 379,608                     | 102,526   | 843,442.70   | 1,363,171.14                       |
| Coût moyen d'une traverse..... | 46.6c                       | 56.8c     | 77.2c        | 77.8c                              |
| Pin—                           |                             |           |              |                                    |
| Nombre de traverses.....       | 1,309,852                   | 1,849,615 | 3,124,427    | 2,862,6006 n                       |
| Coût des traverses.....        | 634,373                     | 995,596   | 2,448,147.80 | 2,358,782.40                       |
| Coût moyen d'une traverse..... | 48.4c                       | 54.0c     | 78.3c        | 82.4c                              |
| Marronnier—                    |                             |           |              |                                    |
| Nombre de traverses.....       | 134,087                     | 36,477    | 58,241       | 34,786                             |
| Coût des traverses.....        | 76,788                      | 24,724    | 52,135.47    | 31,481.33                          |
| Coût moyen d'une traverse..... | 57.2c                       | 67.7c     | 90.00        | 90.5c                              |

## DOCUMENT PARLEMENTAIRE No 20b

CONSOMMATION DES TRAVERSES DE VOIE FERRÉE—*fin.*

| Essences                       | Exercice terminé le 30 juin |           |              | Année terminée le 31 décembre 1919 |
|--------------------------------|-----------------------------|-----------|--------------|------------------------------------|
|                                | 1917                        | 1918      | 1919         |                                    |
| Bois tendre—                   |                             |           |              |                                    |
| Nombre de traverses.....       | 11,457                      |           | 9,492        | 19,498                             |
| Coût des traverses.....        | 5,338                       |           | 7,878.36     | 16,573.30                          |
| Coût moyen d'une traverse..... | 46.6c                       |           | 83.0c        | 85.0c                              |
| Bois dur—                      |                             |           |              |                                    |
| Nombre de traverses.....       | 10,776                      |           | 9,748        | 22,469                             |
| Coût des traverses.....        | 2,694                       |           | 6,742.94     | 18,873.96                          |
| Coût moyen d'une traverse..... | 25.0c                       |           | 78.4c        | 84.0c                              |
| Traité—                        |                             |           |              |                                    |
| Nombre de traverses.....       | 3,106,636                   | 2,732,598 | 728,485      | 168,679                            |
| Coût des traverses.....        | 1,624,436                   | 1,471,266 | 590,280.21   | 208,697.29                         |
| Coût moyen d'une traverse..... | 52.2c                       | 53.8c     | 81.0c        | \$1.23                             |
| Non classifié—                 |                             |           |              |                                    |
| Nombre de traverses.....       | 1,918,092                   | 1,233,655 | 2,144,906    | 18,084                             |
| Coût des traverses.....        | 865,854                     | 941,317   | 1,754,076.65 | 196,191.10                         |
| Coût moyen d'une traverse..... | 45.1c                       | 76.3c     | 81.7c        | \$1.06                             |
| Total—                         |                             |           |              |                                    |
| Nombre de traverses.....       | 8,852,861                   | 7,785,921 | 11,856,373   | 10,428,284                         |
| Coût des traverses.....        | 4,368,124                   | 4,701,312 | 9,369,519.35 | 8,341,379.98                       |
| Coût moyen d'une traverse..... | 49.3c                       | 60.3c     | 79.0c        | 80.0c                              |

## ACCIDENTS PROVENANT DU MOUVEMENT DES TRAINS.

## Accidents aux voyageurs:

## TUÉS.

| Causes des accidents aux voyageurs      | Exercice terminé le 30 juin |      |      | Année terminée le 31 déc. 1919 |
|---|-----------------------------|------|------|--------------------------------|
|   | 1917                        | 1918 | 1919 |                                |
| Collisions.....                         | 6                           | 13   | 2    | 21                             |
| Déraillements.....                      |                             |      |      |                                |
| Ruptures des trains.....                |                             |      |      |                                |
| Chutes en bas des trains, etc.....      | 5                           | 4    | 3    | 3                              |
| En sautant à bas ou sur les wagons..... | 7                           | 8    | 11   | 6                              |
| Frappés aux haltes.....                 |                             | 1    |      |                                |
| "  gares et stations.....               | 1                           | 1    | 2    |                                |
| "  à d'autres points.....               | 2                           | 1    | 1    | 1                              |
| Autres causes.....                      | 3                           | 4    | 15   | 2                              |
| Total.....                              | 24                          | 32   | 34   | 33                             |

## BLESSÉS.

| Causes des accidents aux voyageurs      | Exercice terminé le 30 juin |      |      | Année terminée le 31 déc. 1919 |
|---|-----------------------------|------|------|--------------------------------|
|   | 1917                        | 1918 | 1919 |                                |
| Collisions.....                         | 88                          | 104  | 25   | 87                             |
| Déraillements.....                      | 129                         | 69   | 130  | 124                            |
| Ruptures des trains.....                | 7                           | 13   | 1    | 1                              |
| Bris des locomotives ou wagons.....     |                             |      |      | 5                              |
| Chutes en bas des trains, etc.....      | 33                          | 34   | 31   | 32                             |
| En sautant à bas ou sur les wagons..... | 56                          | 38   | 43   | 47                             |
| Frappés aux haltes.....                 | 1                           | 1    | 2    | 3                              |
| "  gares et stations.....               | 14                          | 4    | 2    | 3                              |
| "  à d'autres points.....               | 1                           | 1    | 3    | 7                              |
| Autres causes.....                      | 81                          | 58   | 59   | 63                             |
| Total.....                              | 410                         | 322  | 296  | 372                            |

## Accidents au personnel:

## TUÉS.

| Causes des accidents au personnel       | Exercice terminé le 30 juin |      |      | Année terminée le 31 déc. 1919 |
|---|-----------------------------|------|------|--------------------------------|
|   | 1917                        | 1918 | 1919 |                                |
| Accouplement ou découplement.....       | 16                          | 9    | 11   | 11                             |
| Collisions.....                         | 15                          | 20   | 16   | 14                             |
| Déraillements.....                      | 13                          | 12   | 18   | 29                             |
| Ruptures des trains.....                |                             | 2    |      | 1                              |
| Bris des locomotives ou wagons.....     | 1                           |      | 3    | 4                              |
| Chutes en bas des trains ou wagons..... | 30                          | 12   | 24   | 26                             |
| En sautant pendant la marche.....       | 12                          | 14   | 3    | 3                              |
| Frappés par les trains, etc.....        | 75                          | 62   | 49   | 60                             |
| Heurt des tunnels et ponts.....         | 4                           | 3    | 5    | 2                              |
| Autres causes.....                      | 11                          | 20   | 22   | 12                             |
| Total.....                              | 177                         | 154  | 151  | 162                            |

## BLESSÉS.

| Causes des accidents au personnel       | Exercice terminé le 30 juin |       |       | Année terminée le 31 déc. 1919 |
|---|-----------------------------|-------|-------|--------------------------------|
|   | 1917                        | 1918  | 1919  |                                |
| Accouplement ou découplement.....       | 187                         | 182   | 172   | 176                            |
| Collisions.....                         | 137                         | 80    | 133   | 107                            |
| Déraillements.....                      | 72                          | 92    | 144   | 137                            |
| Ruptures des trains.....                | 43                          | 19    | 34    | 25                             |
| Bris des locomotives ou wagons.....     | 30                          | 27    | 39    | 55                             |
| Chutes en bas des trains ou wagons..... | 311                         | 293   | 286   | 314                            |
| En sautant pendant la marche.....       | 233                         | 239   | 240   | 256                            |
| Frappés par les trains, etc.....        | 115                         | 154   | 126   | 112                            |
| Heurt des tunnels et ponts.....         | 32                          | 35    | 33    | 41                             |
| Autres causes.....                      | 749                         | 747   | 653   | 681                            |
| Total.....                              | 1,909                       | 1,868 | 1,860 | 1,904                          |

## ACCIDENTS PROVENANT DES TRAINS EN MARCHÉ.

|  | Exercice terminé le 30 juin |       |       | Année terminée le 31 déc. 1919 |
|--|-----------------------------|-------|-------|--------------------------------|
|  | 1917                        | 1918  | 1919  |                                |
| Tués par les trains en marche—           |                             |       |       |                                |
| Voyageurs.....                           | 24                          | 32    | 34    | 33                             |
| Employés.....                            | 177                         | 154   | 151   | 162                            |
| Personnes empiétant sur les voies.....   | 150                         | 129   | 112   | 129                            |
| Autres personnes (sans empiètement)..... | 64                          | 64    | 60    | 68                             |
| Courriers postaux, etc.....              | 4                           | 4     | 2     | 7                              |
| Total.....                               | 419                         | 383   | 359   | 399                            |
| Blessés par les trains en marche—        |                             |       |       |                                |
| Voyageurs.....                           | 410                         | 322   | 296   | 372                            |
| Employés.....                            | 1,909                       | 1,868 | 1,860 | 1,904                          |
| Personnes empiétant sur les voies.....   | 124                         | 140   | 133   | 132                            |
| Autres personnes (sans empiètement)..... | 193                         | 173   | 177   | 239                            |
| Courriers postaux, etc.....              | 46                          | 46    | 80    | 65                             |
| Total.....                               | 2,682                       | 2,549 | 2,546 | 2,712                          |

## DOCUMENT PARLEMENTAIRE No 20b

## CATÉGORIES D'EMPLOYÉS.

## TUÉS.

|                                     | Exercice terminé le 30 juin |      |      | Année terminée le 31 déc. 1919 |
|-------------------------------------|-----------------------------|------|------|--------------------------------|
|                                     | 1917                        | 1918 | 1919 |                                |
| Employés sur les trains.....        | 102                         | 67   | 77   | 69                             |
| "  voies.....                       | 39                          | 47   | 50   | 59                             |
| Aiguilleurs, etc.....               | 4                           | 6    | 7    | 3                              |
| Employés des gares et stations..... | 6                           | 1    | 6    | 7                              |
| Employés des ateliers.....          | 10                          | 13   | 5    | 8                              |
| "  du télégraphe.....               | .....                       | 2    | 1    | .....                          |
| Autres employés.....                | 16                          | 18   | 5    | 15                             |
| Total.....                          | 177                         | 154  | 151  | 162                            |

## CATÉGORIES D'EMPLOYÉS.

## BLESSÉS.

|                                     | Exercice terminé le 30 juin |       |       | Année terminée le 31 déc. 1919 |
|-------------------------------------|-----------------------------|-------|-------|--------------------------------|
|                                     | 1917                        | 1918  | 1919  |                                |
| Employés sur les trains.....        | 1,439                       | 1,372 | 1,369 | 1,419                          |
| "  voies.....                       | 135                         | 175   | 201   | 194                            |
| Aiguilleurs, etc.....               | 34                          | 20    | 37    | 41                             |
| Employés des gares et stations..... | 28                          | 14    | 31    | 44                             |
| "  des ateliers.....                | 93                          | 98    | 94    | 67                             |
| "  du télégraphe.....               | 7                           | 11    | 23    | 14                             |
| Autres employés.....                | 173                         | 178   | 105   | 125                            |
| Total.....                          | 1,909                       | 1,868 | 1,860 | 1,904                          |

## ACCIDENTS PROVENANT DE CAUSES AUTRES QUE LA CIRCULATION DES TRAINS.

|                                  | Exercice terminé le 30 juin |       |       | Année terminée le 31 déc. 1919 |
|----------------------------------|-----------------------------|-------|-------|--------------------------------|
|                                  | 1917                        | 1918  | 1919  |                                |
| Tués—                            |                             |       |       |                                |
| Voyageurs.....                   | .....                       | ..... | 2     | 1                              |
| Employés sur les voies, etc..... | 8                           | 6     | 6     | 10                             |
| "  des gares et stations.....    | .....                       | 3     | 3     | 2                              |
| "  des ateliers.....             | 7                           | 4     | 8     | 6                              |
| Autres employés.....             | 17                          | 11    | 6     | 17                             |
| Autres personnes.....            | 1                           | 3     | 2     | 5                              |
| Total.....                       | 33                          | 27    | 27    | 41                             |
| Blessés—                         |                             |       |       |                                |
| Voyageurs.....                   | 22                          | 22    | 22    | 20                             |
| Employés sur les voies, etc..... | 653                         | 798   | 970   | 1,234                          |
| "  des gares et stations.....    | 371                         | 434   | 428   | 671                            |
| "  des ateliers.....             | 952                         | 1,188 | 1,449 | 1,733                          |
| Autres employés.....             | 711                         | 1,064 | 725   | 807                            |
| Courriers postaux.....           | .....                       | ..... | ..... | 13                             |
| Autres personnes.....            | 38                          | 34    | 22    | 27                             |
| Total.....                       | 2,747                       | 3,540 | 3,616 | 4,505                          |

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## ACCIDENTS AUX PASSAGES À NIVEAU.

| Catégories des passages à niveau | Tués    |      |      |            | Blessés |      |      |            |
|----------------------------------|---------|------|------|------------|---------|------|------|------------|
|                                  | 30 juin |      |      | 31<br>déc. | 30 juin |      |      | 31<br>déc. |
|                                  | 1917    | 1918 | 1919 | 1919       | 1917    | 1918 | 1919 | 1919       |
| Urbains.....                     | 29      | 40   | 32   | 39         | 88      | 76   | 79   | 95         |
| Ruraux.....                      | 29      | 33   | 30   | 30         | 56      | 56   | 79   | 98         |
| Total.....                       | 58      | 73   | 62   | 69         | 144     | 132  | 158  | 193        |

## ACCIDENTS AUX PASSAGES À NIVEAU.

| Année terminée    | Passages protégés |        | Passages non protégés |        |        |
|-------------------|-------------------|--------|-----------------------|--------|--------|
|                   | Urbains           | Ruraux | Urbains               | Ruraux |        |
| 1917—30 juin..... |                   | 987    | 1,085                 | 3,886  | 23,379 |
| 1918—30 ".....    |                   | 1,028  | 1,049                 | 3,832  | 20,985 |
| 1919—30 ".....    |                   | 1,087  | 1,079                 | 2,908  | 21,111 |
| 1919—31 déc.....  |                   | 1,114  | 1,133                 | 2,277  | 20,309 |

| Modes de protection des passages à niveau | Exercice terminé le 30 juin |         |        |         |        |         | Année terminée le 31 déc. 1919 |         |
|---|-----------------------------|---------|--------|---------|--------|---------|--------------------------------|---------|
|   | 1917                        |         | 1918   |         | 1919   |         | Ruraux                         | Urbains |
|   | Ruraux                      | Urbains | Ruraux | Urbains | Ruraux | Urbains |                                |         |
| Par des barrières.....                    | 59                          | 202     | 43     | 224     | 46     | 240     | 44                             | 237     |
| “ ponts.....                              | 301                         | 190     | 295    | 195     | 303    | 201     | 353                            | 213     |
| “ passages sous voie.....                 | 429                         | 293     | 399    | 301     | 419    | 307     | 431                            | 304     |
| “ cloches.....                            | 271                         | 187     | 272    | 190     | 287    | 219     | 281                            | 227     |
| “ signaleurs.....                         | 25                          | 115     | 40     | 118     | 24     | 120     | 24                             | 133     |
| Total.....                                | 1,085                       | 987     | 1,049  | 1,028   | 1,079  | 1,087   | 1,133                          | 1,114   |

## TRAMWAYS ÉLECTRIQUES.

## LONGUEUR DES RÉSEAUX.

## Longueur des voies uniques:

|                   |          |                       |          |
|-------------------|----------|-----------------------|----------|
| 1910—30 juin..... | 1,047·07 | 1916—30 juin.....     | 1,724·71 |
| 1911—30 ".....    | 1,223·73 | 1917—30 ".....        | 1,743·54 |
| 1912—30 ".....    | 1,308·17 | 1918—30 ".....        | 1,616·36 |
| 1913—30 ".....    | 1,356·63 | 1919—30 ".....        | 1,696·52 |
| 1914—30 ".....    | 1,560·82 | 1919—31 décembre..... | 1,686·78 |
| 1915—30 ".....    | 1,590·29 |                       |          |

## Analyse des voies:

| Longueur des différentes voies             | Exercice terminé le 30 juin |          |          | Année terminée le 31 déc. 1919 |
|--|-----------------------------|----------|----------|--------------------------------|
|  | 1917                        | 1918     | 1919     |                                |
|  | milles                      | milles   | milles   | milles                         |
| Voie principale.....                       | 1,743·54                    | 1,616·36 | 1,696·52 | 1,686·78                       |
| Seconde voie principale.....               | 345·72                      | 453·11   | 482·36   | 484·63                         |
| Longueur totale de la voie principale..... | 2,089·26                    | 2,069·47 | 2,178·88 | 2,171·41                       |
| Voies de garages et Y.....                 | 188·70                      | 188·57   | 220·92   | 228·16                         |
| Total des voies, mises bout à bout.....    | 2,277·96                    | 2,277·96 | 2,399·80 | 2,399·57                       |

## DOCUMENT PARLEMENTAIRE No 20b

## CAPITALISATION.

## Actions émises et dette consolidée:

| Année terminée        | Actions émises | Dette consolidée | Total       |
|-----------------------|----------------|------------------|-------------|
|                       | \$             | \$               | \$          |
| 1910—30 juin.....     | 58,653,826     | 43,391,153       | 102,044,979 |
| 1911—“.....           | 62,251,203     | 49,281,144       | 111,532,347 |
| 1912—“.....           | 70,829,118     | 52,012,828       | 122,841,946 |
| 1913—“.....           | 62,079,767     | 79,155,864       | 141,235,631 |
| 1914—“.....           | 66,311,098     | 81,284,244       | 147,595,342 |
| 1915—“.....           | 66,696,675     | 83,647,327       | 150,344,002 |
| 1916—“.....           | 67,738,275     | 87,157,309       | 154,895,584 |
| 1917—“.....           | 70,606,520     | 90,628,219       | 161,234,739 |
| 1918—“.....           | 73,864,820     | 93,388,273       | 167,253,093 |
| 1919—“.....           | 93,042,363     | 78,852,188       | 171,894,556 |
| 1919—31 décembre..... | 91,757,418     | 81,283,922       | 173,041,340 |

On trouvera de plus amples détails dans le tableau 2. Ajoutons, toutefois, que les chiffres ci-dessus ne comprennent pas une somme de \$493,346, montant des subventions en espèces accordées aux compagnies de tramways électriques par les gouvernements et municipalités.

## BILAN.

|  | Exercice terminé le 30 juin |      | Année terminée le 31 déc. 1919 |    |
|--|-----------------------------|------|--------------------------------|----|
|  | 1918                        | 1919 |                                |    |
|  | \$                          | c.   | \$                             | c. |
| Recettes et revenus—                   |                             |      |                                |    |
| Recettes brutes de l'exploitation..... | 24,299,889                  | 69   | 35,696,532                     | 34 |
| Dépenses d'exploitation.....           | 17,535,974                  | 63   | 26,839,070                     | 77 |
| Revenu net de l'exploitation.....      | 6,763,915                   | 06   | 8,857,461                      | 37 |
| Revenus divers.....                    | 2,311,176                   | 60   | 2,723,510                      | 02 |
| Total des revenus.....                 | 9,075,091                   | 66   | 11,580,971                     | 59 |
| A déduire des revenus—                 |                             |      |                                |    |
| Taxes.....                             | 2,122,618                   | 84   | 2,504,295                      | 36 |
| Intérêt sur la dette consolidée.....   | 2,784,848                   | 84   | 2,919,543                      | 07 |
| “ flottante.....                       | 978,874                     | 63   | 913,036                        | 55 |
| Autres déductions.....                 | 263,731                     | 99   | 3,777,550                      | 88 |
| Total déductions.....                  | 6,150,074                   | 21   | 10,114,425                     | 86 |
| Revenu net.....                        | 2,925,017                   | 45   | 1,466,545                      | 73 |
| A déduire du revenu net—               |                             |      |                                |    |
| Réserve, etc.....                      | 1,466,339                   | 35   | 1,394,921                      | 52 |
| Dividendes.....                        | 1,671,358                   | 93   | 1,508,716                      | 00 |
| Total.....                             | 3,137,698                   | 28   | 2,903,637                      | 52 |
| Déficit.....                           | 212,680                     | 83   | 1,437,091                      | 79 |
|  |                             |      | 791,459                        | 78 |

## RECETTES ET DÉPENSES D'EXPLOITATION.

|                              |                  |
|------------------------------|------------------|
| Recettes brutes.....         | \$ 40,698,585 89 |
| Dépenses d'exploitation..... | 31,385,702 34    |

La relation des dépenses d'exploitation aux recettes brutes fut 77·11.

## Analyse des recettes brutes:

|  | Exercice terminé le 30 juin |    |            |    |            |    | Année terminée le 31 déc. 1919 |    |
|--|-----------------------------|----|------------|----|------------|----|--------------------------------|----|
|  | 1917                        |    | 1918       |    | 1919       |    |                                |    |
|  | \$                          | c. | \$         | c. | \$         | c. | \$                             | c. |
| Recettes de la circulation—            |                             |    |            |    |            |    |                                |    |
| Transport des voyageurs.....           | 27,621,582                  | 36 | 21,943,644 | 04 | 32,836,609 | 79 | 37,547,455                     | 90 |
| "    des marchandises.....             | 1,547,919                   | 60 | 1,575,408  | 57 | 2,045,303  | 31 | 2,259,584                      | 73 |
| Poste et messagerie.....               | 132,401                     | 46 | 129,317    | 96 | 163,703    | 74 | 216,224                        | 51 |
| Autres transports.....                 | 464,402                     | 18 | 139,104    | 86 | 105,548    | 39 | 129,637                        | 96 |
|  | 29,766,305                  | 60 | 23,787,475 | 43 | 35,151,165 | 23 | 40,152,903                     | 10 |
| Recettes diverses—                     |                             |    |            |    |            |    |                                |    |
| Publicité.....                         | 89,972                      | 70 | 97,014     | 12 | 131,764    | 48 | 149,235                        | 12 |
| Loyer de terrains et bâtiments.....    | 30,942                      | 29 | 29,581     | 32 | 35,702     | 75 | 35,866                         | 30 |
| Loyer des voies.....                   | 22,100                      | 97 | 17,709     | 99 | 21,656     | 55 | 23,656                         | 66 |
| Loyer du matériel.....                 | 24,776                      | 64 | 27,216     | 23 | 17,972     | 56 | 34,719                         | 01 |
| Vente de force motrice.....            | 80,265                      | 22 | 98,826     | 52 | 88,984     | 41 | 106,957                        | 13 |
| Autres recettes diverses.....          | 223,300                     | 12 | 242,066    | 08 | 249,286    | 36 | 195,248                        | 57 |
| Total des recettes diverses.....       | 471,357                     | 94 | 512,414    | 26 | 545,367    | 11 | 545,682                        | 79 |
| Recettes brutes de l'exploitation..... | 30,237,663                  | 54 | 24,299,889 | 69 | 35,696,532 | 34 | 40,698,585                     | 89 |

## RECETTES BRUTES.

| Année             | Recettes brutes | Année                 | Recettes brutes |
|-------------------|-----------------|-----------------------|-----------------|
|                   | \$              |                       | \$              |
| 1910—30 juin..... | 17,100,789      | 1915—30 juin.....     | 26,922,900      |
| 1911— ".....      | 20,536,952      | 1916— ".....          | 27,416,285      |
| 1912— ".....      | 23,499,250      | 1917— ".....          | 30,237,664      |
| 1913— ".....      | 28,216,111      | 1918— ".....          | 24,299,890      |
| 1914— ".....      | 29,691,007      | 1919— ".....          | 35,696,532      |
|                   |                 | 1919—31 décembre..... | 40,698,586      |

## RECETTES PROVENANT DES TRANSPORTS.

| Année                 | Voyageurs   | Marchandises | Poste, etc. | Autres  | Total      |
|-----------------------|-------------|--------------|-------------|---------|------------|
|                       | \$          | \$           | \$          | \$      | \$         |
| 1910—30 juin.....     | 16,125,945  | 575,537      | 68,604      | 51,241  | 16,821,377 |
| 1911— ".....          | 19,130,378  | 744,179      | 88,233      | 100,930 | 20,063,719 |
| 1912— ".....          | 22,007,750  | 1,025,372    | 78,819      | 67,022  | 23,499,250 |
| 1913— ".....          | *19,794,400 | 1,211,871    | 72,516      | 85,793  | 21,164,580 |
| 1914— ".....          | *21,181,328 | 1,123,910    | 84,515      | 105,162 | 22,494,915 |
| 1915— ".....          | *18,879,689 | 982,041      | 79,696      | 82,672  | 20,024,099 |
| 1916— ".....          | *18,937,328 | 1,218,764    | 112,309     | 134,360 | 20,402,761 |
| 1917— ".....          | 27,621,582  | 1,547,920    | 132,402     | 464,402 | 29,766,306 |
| 1918— ".....          | *21,943,644 | 1,575,408    | 129,318     | 139,105 | 23,787,475 |
| 1919— ".....          | 32,836,610  | 2,045,303    | 163,704     | 105,548 | 35,151,165 |
| 1919—31 décembre..... | 37,547,456  | 2,259,584    | 216,225     | 129,638 | 40,152,903 |

\*Non compris les recettes encaissées par la Cie des Tramways de Montréal.



DÉPENSES D'EXPLOITATION.

|  | Exercice terminé le 30 juin |               | Année terminée<br>le 31 décembre<br>1919 |
|--|-----------------------------|---------------|--|
|  | 1918                        | 1919          |  |
| <b>Entretien des voies et ouvrages:</b>                    |                             |               |  |
| Direction.....   | \$ 74,612,54                | \$ 81,081 12  | \$ 91,160,57                             |
| Ballast.....   | 9,855 82                    | 17,620 57     | 22,648 74                                |
| Traverses.....   | 64,299 34                   | 105,384 32    | 142,256 28                               |
| Rails.....   | 35,177 57                   | 46,770 12     | 111,142 63                               |
| Plaques d'accouplement, etc., des rails....                | 23,415 69                   | 77,267 62     | 91,298 07                                |
| Travaux spéciaux.....                                      | 40,831 84                   | 78,063 07     | 129,718 45                               |
| Constructions souterraines.....                            | 3,258 29                    | 4,035 36      | 4,590 73                                 |
| Main-d'oeuvre, travail sur les voies.....                  | 465,902 51                  | 857,064 43    | 1,018,497 54                             |
| Pavage.....  | 34,233 30                   | 75,228 95     | 198,103 53                               |
| Dépenses diverses relatives aux voies.....                 | 178,793 06                  | 229,949 19    | 218,387 75                               |
| Nettoyage et sablage des voies.....                        | 75,282 93                   | 164,242 27    | 187,986 41                               |
| Enlèvement de la neige, etc.....                           | 245,523 10                  | 362,621 13    | 378,784 87                               |
| Tunnels.....   | 329 92                      | 38 22         | 1,966 72                                 |
| Structures élevées, etc.....                               | 24 00                       | .....         | .....                                    |
| Ponts, ponceaux et pontons.....                            | 26,793 07                   | 38,987 26     | 41,173 78                                |
| Passages à niveau, clôtures, etc.....                      | 13,790 40                   | 21,766 18     | 29,208 18                                |
| Signaux et disques.....                                    | 17,806 61                   | 9,479 77      | 10,008 12                                |
| Téléphone et télégraphe.....                               | 6,178 72                    | 8,232 72      | 9,611 69                                 |
| Autres dépenses diverses relatives aux<br>voies.....       | 30,471 02                   | 33,817 80     | 45,755 36                                |
| Poteaux et supports.....                                   | 9,334 59                    | 16,804 33     | 19,989 88                                |
| Posages souterrains.....                                   | .....                       | .....         | 940 04                                   |
| Réseau de transmission.....                                | 74,016 11                   | 63,244 53     | 98,560 59                                |
| Réseau de distribution.....                                | 151,287 97                  | 203,302 13    | 255,807 34                               |
| Dépenses diverses relatives aux lignes....                 | 47,688 76                   | 158,215 57    | 156,698 46                               |
| Bâtiments et structures.....                               | 69,386 41                   | 146,274 78    | 207,918 58                               |
| Autres opérations—Dr.....                                  | 5,416 05                    | 1,766 62      | 1,092 06                                 |
| “ —Cr.....   | 10,123 89                   | .....         | .....                                    |
| <b>Matériel:</b>   |                             |               |  |
| Direction.....   | \$ 77,947 48                | \$ 92,124 02  | \$ 105,881 22                            |
| Machinerie des usines centrales.....                       | 23,915 55                   | 102,077 69    | 110,581 10                               |
| Machinerie des sous-stations.....                          | 34,215 60                   | 55,410 54     | 79,459 56                                |
| Voitures à voyageurs et mixtes.....                        | 877,394 01                  | 1,619,653 81  | 2,390,005 81                             |
| “ marchandises, messagerie et poste                        | 34,929 43                   | 97,087 61     | 140,003 33                               |
| Locomotives.....   | 23,983 50                   | 33,328 18     | 44,065 48                                |
| Wagons de service.....                                     | 119,473 12                  | 23,275 20     | 26,378 68                                |
| Installation électrique des voitures.....                  | 767,724 91                  | 1,191,518 12  | 1,433,691 37                             |
| “ locomotives....  | 36,860 80                   | 58,349 88     | 35,756 29                                |
| Machinerie et outillage des ateliers.....                  | 19,670 27                   | 25,384 09     | 32,367 68                                |
| Dépenses relatives aux ateliers.....                       | 91,539 94                   | 164,278 11    | 188,288 09                               |
| Chevaux et véhicules.....                                  | 38,435 72                   | 50,666 60     | 56,897 39                                |
| Autres dépenses diverses.....                              | 37,545 22                   | 347,180 43    | 60,560 66                                |
| Autres opérations—Dr.....                                  | 21,075 02                   | 18,044 43     | 13,677 52                                |
| “ —Cr.....   | 735 00                      | .....         | .....                                    |
| <b>Trafic:</b>   |                             |               |  |
| Direction et sollicitation.....                            | \$ 18,848 24                | \$ 24,906 81  | \$ 38,280 48                             |
| Publicité.....   | 35,200 97                   | 48,710 68     | 112,904 97                               |
| Dépenses diverses.....                                     | 22,317 75                   | 19,594 66     | 22,120 30                                |
| <b>Force motrice:</b>                                      |                             |               |  |
| Direction.....   | \$ 848,040 77               | \$ 699,336 13 | \$ 760,051 69                            |
| Personnel des usines centrales.....                        | 102,564 15                  | 242,074 56    | 241,083 19                               |
| “ sous-stations.....                                       | 102,924 83                  | 122,740 20    | 145,386 22                               |
| Combustible pour la production de la force<br>motrice..... | 185,053 13                  | 413,136 58    | 486,648 74                               |
| Eau pour la production de la force motrice.                | 3,277 37                    | 8,453 25      | 7,204 99                                 |
| Lubrifiants.....   | 3,502 55                    | 9,326 88      | 9,190 70                                 |
| Dépenses diverses.....                                     | 26,890 59                   | 44,693 93     | 58,730 34                                |
| Approvisionnement des sous-stations, etc.                  | 88,108 05                   | 108,878 96    | 133,003 32                               |
| Achat de force motrice.....                                | 2,551,789 56                | 3,497,754 84  | 3,615,779 99                             |
| Autres opérations—Dr.....                                  | 61,819 22                   | 41,782 91     | 43,465 59                                |
| “ —Cr.....   | 42,547 08                   | 53,778 15     | 58,196 49                                |

DÉPENSES D'EXPLOITATION—*fin.*

|  | Exercice terminé le 30 juin |                 | Année terminée le 31 déc. 1919 |
|--|-----------------------------|-----------------|--------------------------------|
|  | 1918                        | 1919            |                                |
| <b>Circulation des tramways:</b>                             |                             |                 |                                |
| Conducteurs, wattmen, etc., des voitures à voyageurs.....    | \$ 6,026,371 24             | \$ 9,082,786 27 | \$10,746,529 76                |
| Conducteurs, wattmen, etc., des voitures à marchandises..... | 208,746 86                  | 338,643 95      | 341,360 78                     |
| Divers autres employés à la circulation.....                 | 162,055 39                  | 210,171 36      | 252,168 28                     |
| Dépenses diverses concernant les voitures.....               | 402,296 69                  | 672,430 80      | 813,206 22                     |
| Personnel des stations.....                                  | 236,944 08                  | 304,352 04      | 309,712 86                     |
| Dépenses des stations.....                                   | 56,357 09                   | 74,770 69       | 92,794 98                      |
| Personnel des remises à voitures.....                        | 449,385 11                  | 667,225 27      | 625,407 23                     |
| Dépenses des remises.....                                    | 107,339 69                  | 201,277 17      | 284,568 13                     |
| Signaux et disques.....                                      | 41,966 89                   | 74 255 92       | 153,591 85                     |
| Téléphone et télégraphe.....                                 | 10,519 71                   | 10,402 05       | 6,826 82                       |
| Livraison des marchandises et colis.....                     | 36,365 14                   | 79,356 47       | 112,134 90                     |
| Pertes et dommages.....                                      | 5,719 05                    | 34,730 59       | 7,629 56                       |
| Autres dépenses relatives aux transports.....                | 65,796 19                   | 50,628 92       | 60,177 07                      |
| <b>Frais généraux:</b>                                       |                             |                 |                                |
| Hauts fonctionnaires.....                                    | \$ 307,430 78               | \$ 387,986 46   | \$ 423,655 00                  |
| Personnel des bureaux.....                                   | 437,942 40                  | 576,248 03      | 686,704 91                     |
| Dépenses des bureaux.....                                    | 72,852 51                   | 84,488 13       | 91,508 72                      |
| Frais de justice et honoraires d'avocats.....                | 56,501 42                   | 72,540 99       | 86,143 38                      |
| Caisse de secours et de retraite.....                        | 3 82                        | 20,094 41       | 30,853 79                      |
| Divers.....  | 271,371 45                  | 448,187 91      | 685,539 48                     |
| Autres opérations—Dr.....                                    | 43,820 32                   | 67,039 00       | 34,778 53                      |
| —Cr.....   | 105 59                      |                 |                                |
| <b>Dépenses non classifiées:</b>                             |                             |                 |                                |
| Indemnités pour accidents.....                               | \$ 301,979 18               | \$ 531,332 69   | \$ 646,635 55                  |
| Assurance.....   | 263,399 45                  | 355,571 92      | 387,700 41                     |
| Papeterie et impression.....                                 | 60,587 15                   | 95,673 57       | 110,099 58                     |
| Dépenses des magasins.....                                   | 52,763 49                   | 131,406 24      | 196,787 15                     |
| écuries.....   | 35,146 27                   | 41,102 55       | 45,125 84                      |
| Loyer de voies.....  | 147,538 62                  | 154,530 77      | 163,162 01                     |
| matériel.....  | 135,451 49                  | 200,857 52      | 187,105 97                     |

## RÉSUMÉ DES DÉPENSES, PAR SERVICES.

|                               | Exercice terminé le 30 juin |                 | Année terminée le 31 décembre 1919 |
|-------------------------------|-----------------------------|-----------------|------------------------------------|
|                               | 1918                        | 1919            |                                    |
| Voies et ouvrages.....        | \$ 1,684,561 97             | \$ 2,792,258 13 | \$ 3,470,306 37                    |
| Matériel.....                 | 2,204,875 57                | 3,865,378 71    | 4,717,614 18                       |
| Trafic.....                   | 76,366 96                   | 93,212 15       | 173,305 75                         |
| Circulation—direction.....    | 488,040 77                  | 699,336 13      | 760,051 69                         |
| —force motrice.....           | 3,083,383 47                | 4,435,063 96    | 4,682,296 59                       |
| —voitures.....                | 7,810,063 13                | 11,801,071 50   | 13,806,108 44                      |
| Frais généraux.....           | 1,191,817 11                | 1,657,184 93    | 2,039,243 81                       |
| Dépenses non classifiées..... | 996,865 65                  | 1,492,565 26    | 1,736,775 51                       |
| Total.....                    | \$17,535,974 63             | \$26,839,070 77 | \$31,385,702 34                    |

En 1919, il a été transporté 749,334,380 voyageurs payants. La même année, les marchandises transportées formaient un volume de 2,374,612 tonnes, au lieu de 2,474,892 pour l'exercice terminé le 30 juin 1919.

## Circulation des voyageurs:

|                       |              |
|-----------------------|--------------|
| 1910 30 juin.....     | 360,964,876  |
| 1911 ".....           | 426,296,792  |
| 1911 ".....           | 488,865,682  |
| 1913 ".....           | *597,863,801 |
| 1914 ".....           | *614,709,819 |
| 1915 ".....           | *562,302,373 |
| 1916 ".....           | 580,094,167  |
| 1917 ".....           | 629,441,997  |
| 1918 ".....           | *487,365,456 |
| 1919 ".....           | 686,124,263  |
| 1919 31 décembre..... | 749,334,380  |

\*Non compris la Cie des Tramways de Montréal.

## DOCUMENT PARLEMENTAIRE No 20b

## Circulation des voitures de tramways:

| Parcours accompli—        | 30 juin 1919<br>milles | 31 déc. 1919<br>milles |
|---------------------------|------------------------|------------------------|
| Voitures à voyageurs..... | 103,998,809            | 107,248,202            |
| Autres voitures.....      | 2,962,798              | 2,958,142              |
| Total.....                | 106,961,607            | 110,206,344            |

## MATÉRIEL ROULANT EN SERVICE.

| Nomenclature du matériel roulant            | Exercice terminé le 30 juin |       |       | Année terminée le 31 décembre 1919 |
|---|-----------------------------|-------|-------|------------------------------------|
|   | 1917                        | 1918  | 1919  |                                    |
| Voitures à voyageurs, fermées.....          | 2,041                       | 2,061 | 3,077 | 3,120                              |
| Voitures à voyageurs, ouvertes.....         | 447                         | 387   | 538   | 513                                |
| Voitures à voyageurs, mixtes.....           | 628                         | 618   | 725   | 766                                |
| Voitures, marchandises.....                 | 621                         | 703   | 726   | 718                                |
| Voitures, poste, messagerie et bagages..... | 49                          | 39    | 41    | 43                                 |
| Voitures, marchandises, mixtes.....         | 16                          | 15    | 16    | 17                                 |
| Voitures du service des travaux.....        | 198                         | 186   | 208   | 207                                |
| Charrues à neige.....                       | 48                          | 52    | 60    | 62                                 |
| Balayeuses.....                             | 99                          | 91    | 135   | 142                                |
| Diverses.....                               | 148                         | 162   | 193   | 146                                |
| Total.....                                  | 4,295                       | 4,314 | 5,719 | 5,734                              |

## PERSONNEL DES TRAMWAYS

## Nombre:

|                       |        |
|-----------------------|--------|
| 1916 30 juin.....     | 10,622 |
| 1917 ".....           | 11,696 |
| 1918 ".....           | 11,646 |
| 1919 ".....           | 17,242 |
| 1919 31 décembre..... | 16,940 |

## Appointements et salaires:

|                       |                 |
|-----------------------|-----------------|
| 1916 30 juin.....     | \$ 8,767,734 17 |
| 1917 ".....           | 9,451,685 31    |
| 1918 ".....           | 11,840,863 86   |
| 1919 ".....           | 17,210,851 72   |
| 1919 31 décembre..... | 20,211,576 46   |

| Personnel                 | Exercice terminé le 30 juin |        |        |        | Année terminée le 31 déc. 1919 |
|---------------------------|-----------------------------|--------|--------|--------|--------------------------------|
|                           | 1916                        | 1917   | 1918   | 1919   |                                |
| Administration—           |                             |        |        |        |                                |
| Hauts fonctionnaires..... | 140                         | 148    | 148    | 173    | 214                            |
| Employés des bureaux..... | 583                         | 601    | 708    | 985    | 1,212                          |
| Entretien—                |                             |        |        |        |                                |
| Chefs de service.....     | 103                         | 84     | 80     | 82     | 81                             |
| Personnel subalterne..... | 2,008                       | 3,112  | 3,007  | 5,253  | 4,527                          |
| Circulation—              |                             |        |        |        |                                |
| Chefs de service.....     | 112                         | 125    | 112    | 118    | 128                            |
| Personnel subalterne..... | 7,676                       | 7,626  | 7,591  | 10,631 | 10,787                         |
| Total.....                | 10,622                      | 11,696 | 11,646 | 17,242 | 16,940                         |

## ACCIDENTS.

| Année terminée        | Tués               |          |        | Blessés |           |          |        |       |
|-----------------------|--------------------|----------|--------|---------|-----------|----------|--------|-------|
|                       | Voyageurs          | Employés | Autres | Total   | Voyageurs | Employés | Autres | Total |
|                       | 1901 30 juin ..... | 3        | 1      | 11      | 15        | 158      | 58     | 98    |
| 1902 " .....          | 9                  | 1        | 22     | 32      | 410       | 33       | 120    | 563   |
| 1903 " .....          | 10                 | 17       | 22     | 39      | 504       | 62       | 212    | 778   |
| 1904 " .....          | 10                 | 3        | 40     | 53      | 508       | 64       | 272    | 844   |
| 1905 " .....          | 30                 | 3        | 23     | 56      | 862       | 87       | 347    | 1,296 |
| 1906 " .....          | 11                 | 2        | 34     | 47      | 1,085     | 127      | 441    | 1,653 |
| 1907 " .....          | 27                 | 7        | 37     | 71      | 988       | 216      | 532    | 1,736 |
| 1908 " .....          | 18                 | 6        | 43     | 67      | 1,156     | 188      | 539    | 1,883 |
| 1909 " .....          | 11                 | 7        | 50     | 68      | 1,303     | 218      | 618    | 2,139 |
| 1910 " .....          | 14                 | 13       | 68     | 95      | 1,595     | 227      | 716    | 3,538 |
| 1911 " .....          | 11                 | 8        | 83     | 102     | 1,784     | 300      | 586    | 2,670 |
| 1912 " .....          | 16                 | 8        | 86     | 110     | 1,950     | 442      | 736    | 3,128 |
| 1913 " .....          | 17                 | 12       | 44     | 73      | 1,662     | 392      | 490    | 2,544 |
| 1914 " .....          | 9                  | 13       | 42     | 64      | 1,757     | 469      | 581    | 2,807 |
| 1915 " .....          | 14                 | 6        | 44     | 64      | 1,554     | 413      | 638    | 2,605 |
| 1916 " .....          | 18                 | 4        | 28     | 50      | 1,905     | 305      | 819    | 3,029 |
| 1917 " .....          | 11                 | 10       | 42     | 63      | 1,541     | 395      | 792    | 2,728 |
| 1918 " .....          | 9                  | 12       | 56     | 77      | 1,451     | 383      | 762    | 2,596 |
| 1919 " .....          | 10                 | 37       | 47     | 94      | 1,600     | 621      | 1,290  | 3,511 |
| 1919 31 décembre..... | 4                  | 29       | 58     | 91      | 1,717     | 951      | 1,505  | 4,173 |

FIFTEENTH REPORT

OF THE

BOARD OF

RAILWAY COMMISSIONERS

FOR CANADA

FOR NINE MONTHS ENDING DECEMBER 31

1919

*PRINTED BY ORDER OF PARLIAMENT*



OTTAWA  
THOMAS MULVEY  
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY

1921

**THE BOARD OF RAILWAY COMMISSIONERS FOR CANADA.**

Hon. F. B. CARVELL, K.C., *Chief Commissioner*

S. J. McLEAN, M.A., LL.B., PH.D., *Assistant Chief Commissioner.*

Hon. W. B. NANTEL, K.C., LL.D., *Deputy Chief Commissioner.*

A. S. GOODEVE, *Commissioner.*

A. C. BOYCE, K.C., *Commissioner.*

J. G. RUTHERFORD, C.M.G., *Commissioner.*

A. D. CARTWRIGHT,

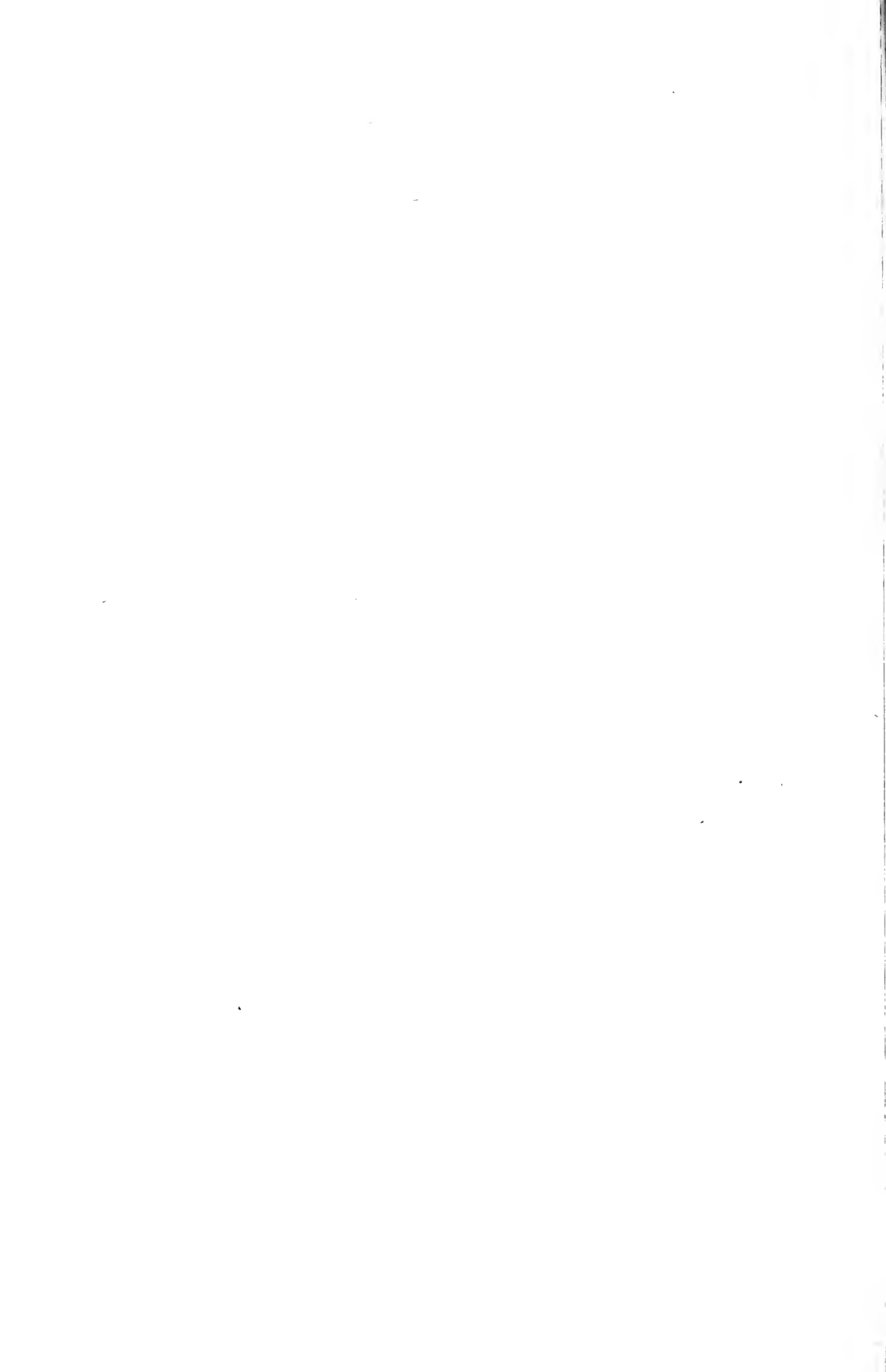
*Secretary.*

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REPORT  
OF THE  
BOARD OF RAILWAY COMMISSIONERS  
FOR CANADA

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*To the Governor in Council:*

Pursuant to the provisions of section 31 of the Railway Act, 1919, the Board of Railway Commissioners for Canada has the honour to submit its Fifteenth Report for the nine months ending December 31, 1919.

Since the submission of the Board's last report the Railway Act has been consolidated and amended by chapter 68 of 9-10 George V, assented to the 7th July, 1919, the Act being now cited as "The Railway Act, 1919." A number of important amendments have been made to the original Act, and attention may be called to the following:—

In connection with industrial spurs the following sections have been added:—

" 186. Notwithstanding anything done under the last preceding section and notwithstanding any agreement made thereunder or otherwise the Board may, on application, permit any owner of another industry or business or any person intending to establish another industry or business, within six miles of the railway, to have traffic carried over any spur or branch line, or any part thereof, constructed pursuant to the said section or to have such spur or branch line extended: Provided that any terms and conditions which the Board thinks just and reasonable shall always be imposed, and regard shall always be had to the convenience of the owner or person having senior rights in such spur or branch line. (New.)

" 187. No branch line or spur constructed pursuant to either of the last two preceding sections shall be removed without the consent of the Board. (New.)

Under the heading "Other Railways" in the Act, section 193, the following clauses (4) and (5) have been added:—

" (4) Where the proposed location of any new railway is close to or in the neighbourhood of an existing railway, and the Board is of opinion that it is undesirable in the public interest to have the two separate rights of way in such vicinity, the Board may, when it deems proper, upon the application of any company, municipality or person interested, or of its own motion, order that the company constructing such new railway shall take the proceedings provided for in subsection (1) of this section to such extent as the Board deems necessary in order to avoid having such separate rights of way.

" (5) The Board, in any case where it deems it in the public interest to avoid the construction of one or more new railways close to or in the neighbourhood of an existing railway, or to avoid the construction of two or more new

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railways close to or in the neighbourhood of each other, may, on the application of any company, municipality or person interested, or of its own motion, make such order or direction for the joint or common use, or construction and use, by the companies owning, constructing or operating such railways, of one right of way, with such number of tracks, and such terminals, stations and other facilities, and such arrangements respecting them, as may be deemed necessary or desirable. (New.)”

The following sections relating to mines and minerals have been added:—

“197. The company shall, from time to time, pay to the owner, lessee, or occupier of any such mines such compensation as the Board shall fix and order to be paid, for or by reason of any severance by the railway of the land lying over such mines, or because of the working of such mines being prevented, stopped or interrupted, or of the same having to be worked in such manner and under such restrictions as not to injure or be detrimental to the railway, and also for any minerals not purchased by the company which cannot be obtained by reason of the construction and operation of the railway.

“198. If necessary in order to ascertain whether any such mines are being worked, or have been worked, so as to injure or be detrimental to the railway or its safety or the safety of the public, the company may with the written permission of the Board, after giving twenty-four hours' notice in writing, enter upon any lands through or near which the railway passes wherein any such mines are being worked, and enter into and return from any such mines or the works connected therewith; and for such purpose may make use of any apparatus of such mines and use all necessary means for discovering the distance from the railway to the parts of such mines which are being worked. (New). (See *Ontario Statute, 1913, c. 36, s. 136.*)”

Under the heading “Bridges, Tunnels and other Structures,” subsection (6) has been added to section 251, as follows:—

“(6) Upon the application of any municipality or municipalities interested, the Board may, where it deems it reasonable and proper, require the company to construct under or alongside of its track upon any bridge being constructed, reconstructed or materially altered by the company a passageway for the use of the public either as a general highway or as a footway, the additional cost to the company of constructing, maintaining and renewing which, as fixed by or under the direction of the Board, shall be paid by the municipality or municipalities as the Board may direct, and the Board may impose any terms or conditions as to the use of such passageway or otherwise which it deems proper. (New).”

Under the heading “Board May Order Railway to be Opened,” has been added section 277, reading as follows:—

“277. The Board, in any case where it deems it right, may, upon the application of any person interested, or of its own motion, order the opening of any railway or line or any portion thereof, for traffic, and may require the company to do all things necessary therefor, within such time as the Board fixes. (New.)”

Under the heading “Special Powers of Railway Companies,” the following sections have been added:—

“368. Whenever in any Special Act hereafter passed it is stated or provided that a railway company shall have power to acquire, transmit and distribute electric and other power or energy, such company, subject to the provisions of sections three hundred and seventy and three hundred and seventy-

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three of this Act, may for the purposes of its undertaking acquire, but not by expropriation, electric and other power or energy, and transmit and deliver the same to any place in the municipalities through which the railway is built, and receive, transform, transmit, distribute and supply such power or energy in any form; and may dispose of the surplus thereof, and collect rates and charges therefor, but no such rate or charge shall be demanded or taken until it has been approved of by the Board, and the Board may revise such rates and charges whenever it deems proper.

"369. (1) Whenever in any Special Act hereafter passed it is stated or provided that a railway company shall have power to transmit telegraph and telephone messages for the public and collect tolls therefor, such company may, subject to the provisions of this Act, construct and operate telegraph and telephone lines upon its railway, and establish offices for and undertake the transmission of messages for the public, and collect tolls therefor; and for the purpose of operating such lines or exchanging or transmitting messages, may, subject to the provisions of this Act, enter into contracts with any companies having telegraph or telephone powers and may connect its own lines with the lines of, or may lease its own lines to, any such companies.

"(2) No toll or charge shall be demanded or taken for the transmission of any message or for leasing or using the telegraphs or telephones of such company except in accordance with section three hundred and seventy-six of this Act, and the said company and its said business and works shall in all respects be subject to the provisions of the said section.

"(3) Part II of the Telegraphs Act, except such portions thereof as are inconsistent with this Act, shall apply to the telegraphic business of such company. (New.)"

"370. No power conferred as in the last two preceding sections mentioned and nothing in the said sections or in the Telegraphs Act, shall authorize such company to construct or operate any line along any highway or public place, without first obtaining the consent, expressed by by-law, of the municipality having jurisdiction over such highway or public place, nor without complying with any terms stated or provided for in such by-law, or authorize such company to sell, dispose of or distribute power or energy within or for use within the limits of any municipality, without the consent, expressed by by-law, of such municipality. (New.)"

Also under the heading "Offences, Penalties and Other Liability—Disobeying orders of Board," the following section has been added:—

"392. (1) Every company and every municipal or other corporation which neglects or refuses to obey any order of the Board made under the provisions of this Act, or any other Act of the Parliament of Canada, shall for every such offence, be liable to a penalty of not less than twenty dollars nor more than five thousand dollars.

"(2) Wherever it is proved that any company has neglected or refused to obey an order of the Board made under the provisions of this Act, or any other Act of the Parliament of Canada, the president, the vice-president, each vice-president where there are more than one, and every director and managing director of such company shall each be guilty of an offence for which he shall be liable to a penalty of not less than twenty dollars and not more than five thousand dollars, or imprisonment for any period not exceeding twelve months, or both, unless he proves that, according to his position and authority, he took all necessary and proper means in his power to obey and carry out, and to procure obedience to and carrying out of, such order and that he was not at fault for the neglect or refusal to obey the same.

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"(3) Wherever it is proved that any municipal or other corporation has neglected or refused to obey any order of the Board made under the provisions of this Act, or any other Act of the Parliament of Canada, the mayor, warden, reeve or other head of such corporation, and every member of the council or other ruling or executive body of such corporation, shall each be guilty of an offence for which he shall be liable to a penalty of not less than twenty dollars and not more than five thousand dollars, or imprisonment for any period not exceeding twelve months, or both, unless he proves that, according to his position and authority, he took all necessary and proper means in his power to obey and carry out, and to procure obedience to and carrying out of, such order, and that he was not at fault for the neglect or refusal to obey the same.

"(4) Nothing in or done under this section shall lessen or affect any other liability of such company, corporation or person, or prevent or prejudice the enforcement or such order in any other way.

"(5) No prosecution shall be had under this section except by leave or direction of the Board. (New.)"

Under the heading "Removing Industrial Spurs," the following section has been added:—

"398. Any company or person who, without consent or order of the Board, removes any spur or branch line constructed under or pursuant to this Act for the purpose of affording railway facilities to, or in connection with, any industry or business established or intended to be established, shall be liable on conviction to a penalty not exceeding one thousand dollars. (New.)"

Under the heading "Notification of Accidents," the following section has been added:—

"412. (1) Every railway company which wilfully or negligently omits to give immediate notice as by this Act required, with full particulars, to the Board of the occurrence, upon the railway belonging to such company, of any accident attended with serious personal injury to any person using the railway, or to any employee of the company, or whereby any bridge, culvert, viaduct or tunnel on or of the railway has been broken, or so damaged as to be impassable or unfit for immediate use, shall forfeit to His Majesty the sum of two hundred dollars for every day during which the omission to give such notice continues. R.S., c. 37, s. 412.

"(2) Every conductor or other employee who makes a report to the company of the occurrence of any such accident and fails, wilfully or negligently, to notify the Board of the same by telegraph as soon as possible after such accident, is guilty of an offence and liable, on summary conviction, to a penalty not exceeding one hundred dollars. (New.)"

#### PUBLIC SITTINGS OF THE BOARD.

During the nine months covered by the period from the 1st April, 1919, to the 31st December, 1919, the Board held 36 public sittings at which 285 applications were heard. The number of public sittings held in the various provinces were as follows:—

| Province                   | Number    |
|----------------------------|-----------|
| Ontario.. . . . .          | 24        |
| Quebec.. . . . .           | 2         |
| Manitoba.. . . . .         | 2         |
| Saskatchewan.. . . . .     | 2         |
| Alberta.. . . . .          | 3         |
| British Columbia.. . . . . | 2         |
| Nova Scotia.. . . . .      | 1         |
| New Brunswick.. . . . .    | 1         |
| Total.. . . . .            | <u>36</u> |

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The applications include a variety of matters falling within the jurisdiction of the Board under the Railway Act from the complaint of a private individual to matters of general public interest affecting the community at large.

FORMAL AND INFORMAL MATTERS.

The number of informal matters dealt with by the Board, as distinguished from matters heard at public sittings, constitutes a considerable percentage of the total applications and complaints dealt with by it, that is to say, of a total of 2,735 applications and complaints received and dealt with by the Board, 10.42 per cent were set down for formal hearing and 89.58 per cent were disposed of without the necessity of such formal hearing. These informal complaints, dealt with and settled without the necessity of a hearing, entail in many instances a considerable amount of inquiry and consideration on the part of the Board's officials, and cover a wide range of subjects, as, for example, a complaint of a more or less trivial nature to a matter of general public interest affecting the community as a whole, or involving the application of some general principle regarding the railway rates.

RAILWAY GRADE CROSSING FUND.

In accordance with the provisions of subsection (5) of section 262 of the Railway Act, 1919, provision was made that the sum of \$200,000 each year, for ten consecutive years from the first day of April, 1919, was appropriated and set apart from the Consolidated Revenue Fund for the purpose of aiding in the providing by actual construction work of protective safety, and conveniences for the public in respect of highway crossings of the railway at rail level, in existence on the said 1st day of April, the said sums to be placed to the credit of a special account to be known as "The Railway Grade Crossing Fund," to be applied by the Board, subject to certain limitations set out in the Act, solely towards the cost (not including that of maintenance and operation) of actual construction work for the purpose specified.

In dealing with such crossings, the Board issued, between the 1st day of April, 1909, and the 31st day of December, 1919, 427 orders, providing protection for 478 crossings, as follows:—

|                                     |     |
|-------------------------------------|-----|
| By electric bells.....              | 258 |
| " gates.....                        | 111 |
| " subways.....                      | 51  |
| " overhead bridges.....             | 22  |
| " diversion of highways.....        | 28  |
| " closing of streets.....           | 7   |
| " removal of view obstructions..... | 4   |
| " shelter.....                      | 1   |
| " towers.....                       | 3   |
| " bell and wig-wag.....             | 3   |
| " wig-wags.....                     | 2   |

It will be seen by comparing the total number of crossings protected with the Fourteenth Annual Report of the Board, that the increase for the nine months ending December 31, 1919, in the number of crossings protected, numbers 18, made up as follows:—

|                                 |   |
|---------------------------------|---|
| By electric bells.....          | 6 |
| " subways.....                  | 1 |
| " overhead bridges.....         | 2 |
| " diversion of highways.....    | 6 |
| " closing of streets.....       | 2 |
| " removal view obstruction..... | 1 |
| " bell and wig-wag.....         | 3 |
| " wig-wags.....                 | 2 |

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NOTE.—Eighteen crossings and 23 protections consequent on account of extra bell at one crossing and four extra diversions in connection with other crossings.

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It will be noted that under the new consolidated Railway Act provision is made that the total amount of money to be apportioned and directed and ordered by the Board to be payable from the annual appropriation, shall not in the case of any one crossing exceed twenty-five per cent of the cost of the actual construction work in providing such protection, and shall not in any such cases exceed the sum of \$15,000, and that no such money shall in any one year be applied to more than six crossings on any one railway in any one municipality, or more than once in any one year to any one crossing.

Subsection (3) of section 262 of the consolidated Railway Act provides that in case any province contributes towards the said fund, the Board may apportion, direct and order payment out of the amount so contributed by such province, subject to any conditions and restrictions made and imposed by such province in respect of its contribution.

### GENERAL DECISIONS AND RULINGS OF THE BOARD.

Submitted herewith are some of the more important matters dealt with by the Board at its public sittings for the nine months ending December 31, 1919. A synopsis of the principal judgments will be found under Appendix A to this report.

### GENERAL ORDERS ISSUED BY THE BOARD.

The following is a brief summary of some of the matters dealt with under the Board's General Orders:—

Direction that every railway company subject to the jurisdiction of the Board shall strictly conform to certain rules and regulations governing the handling of guard rails, vestibule doors and platforms on passenger cars, and setting forth that "suburban trains" as used in the Board's General Order No. 263 means, and applies only to, trains within commutation limits when carrying commutation traffic.

Direction authorizing the Bell Telephone Company of Canada certain increases in tolls for long-distance service, and an increase of 10 per cent on all tolls, rates, and charges for exchange telephone service and charges incidental thereto, and charges for moving telephone stations and other equipment, but disallowing "service connection charges," also authorizing that where exchange services are at present installed, the increased tolls thereby authorized and allowed shall become effective July 1, 1919.

Direction in the matter of the application of the Canadian Freight Association on behalf of railway companies subject to the Board's jurisdiction, that Supplement No. 12 to Canadian Freight Classification No. 16, as finally revised and submitted for approval of the Board, be approved.

Direction that all telegraph companies within the legislative authority of the Parliament of Canada be authorized to charge the telegraph tolls published in their respective tariffs filed with the Board.

Direction that the Standard Conditions and Specifications for Wire Crossings, as approved by the Board's General Order No. 231, dated May 6, 1918, be amended by striking out the words "three dollars" where they occur in the said order, and substituting therefor the words "eleven dollars," and providing that such payment is to cover both wages and expenses.

Direction in connection with the application of the Express Traffic Association for a general increase in rates, that the tariffs issued under the authority of the Board's judgment of the 17th July, 1919, be published and filed at least five days previous to the date on which they are to become effective, also that the express freight collection and delivery plan outlined in the judgment be given effect to, and charts of the

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boundaries thereunder be posted for the information of the public with the least delay consistent with the ascertainment by the companies of the necessary data and the acquirement of any necessary additional equipment.

Direction with regard to the equipment with marker sockets of passenger cars and cabooses by placing the same in the lower position and requiring that the cars and cabooses shall be so equipped before the 1st May, 1920; also rescinding the Board's Order No. 10453, dated May 3, 1910, and its General Order No. 127, dated July 6, 1914.

Direction with regard to any reissue of the Canadian Freight Classification, or the Express Classification for Canada, or any supplement thereto, and providing that the same shall be submitted in printed proof form for the approval of the Board before it is made effective; also directing that one copy of the proof and of the notice of publication shall be furnished by the applicant to the parties set forth in the Board's Order (No. 271), with the request that fully explained objections, if any, to the proposed changes involving increased cost of transportation be filed by them with the Board within thirty days from the receipt of the proof and notice; also providing that previous orders and regulations of the Board conflicting with the said order be rescinded.

Direction that terminal carriers that do not issue the bill of lading for the entire movement of such freight to its destination, and which are subject to the jurisdiction of the Board, shall give the shipper a local bill of lading on the appropriate form provided for in the Board's General Order No. 41, covering the movement by inter-switching service to the point of transfer to the line carrier that issues the bill of lading to the destination; or, if preferred and in lieu thereof, shall give the shipper what is commonly known as an interline or switching ticket or receipt, which shall contain the words "received subject to the conditions of the company's bill of lading, which are made a part hereof."

Direction that all railway companies subject to the Board's jurisdiction be granted an extension of time until the 30th September, 1920, within which to make the changes required under the Board's General Order No. 128, the companies being required to continue their existing practice of filing with the Board monthly reports of the progress made in complying with the requirements of the said order.

Direction of the Board that the railway companies of Canada subject to its jurisdiction be permitted to carry free of charge certain persons as enumerated in the Board's General Order No. 274.

Direction that all freight, passenger, express, telephone, and telegraph tariffs, and supplements thereto, applying between points in Canada, or from a point in Canada to a foreign country, filed with the Board, shall, except as provided in General Order No. 275, indicate advances made by the symbol "A" and reductions by the symbol "R," with the necessary explanatory note; also providing further, if it is found impracticable in a certain case to indicate changes by either of the methods prescribed, that application may be made to the Board for relief from the provisions of the order.

*In re* LONDON AND PORT STANLEY RAILWAY COMPANY.

The London and Port Stanley Railway, a steam railway recently operated by electricity in a densely populated part of Ontario, may be taken as showing in the highest degree the economies of electric railway operation. To provide for capital charges on the value of the undertaking, and cost of change in the system of operation, as well as for the large increases in wages of employees and costs of supplies, an increased revenue is necessary in order to operate the line as a commercial venture, without loss to the owners or depreciation in the property. Accordingly the passenger toll of 2½ cents per mile was increased by 15 per cent, and the toll on coal by 15 cents

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per ton, as in the case of the steam railways. The Board will extend similar relief to any other electric line whose operation and financial condition require it.

*In re Eastern Tolls (Eastern Toll Case)*, 22 Can. Ry. Cas. 4; *in re Increase in Passenger and Freight Tolls (Increase in Rates Case)*, 22 Can. Ry. Cas. 49, followed.

The facts are fully set out in the judgment of the Chief Commissioner, dated March 28, 1919, concurred in by Mr. Commissioner McLean. 24 Can. Ry. Cas., p. 160.

ADOLPH LUMBER COMPANY V. GREAT NORTHERN RAILWAY COMPANY.

The universal basis in fixing tolls is the weight of the product carried, a comparison therefore between the toll on a carload of the product and the quantity of raw material required to produce it is impracticable.

The tolls on logs between Dorr and Baynes, B.C., not shewn to have been reasonable.

The facts are fully set out in the report of the Chief Traffic Officer of the Board, dated the 28th March, 1919, concurred in by the Chief Commissioner and Commissioners Goodeve and Rutherford. 24 Can. Ry. Cas., p. 173.

*In re* DAYLIGHT SAVING ACT, 1918.

The Board has no jurisdiction under the Railway Act (ss. 30, 268, 270 and 307), to prevent the use by railway companies of any specific time, unless such use is shewn to be against the comfort, convenience and safety of the travelling public and railway employees.

The Daylight Saving Act, 1918, according to the ordinary canons of construction, remains in force until repealed.

Parliament having stated its intention that the operation of the Daylight Saving Act should not extend beyond the year 1918, it is inadvisable that the Board should under all the circumstances take any action under it.

The Board is both a judicial and administrative body, its jurisdiction is largely discretionary and in some instances legislative in its character.

The facts are fully set out in the judgment of the Chief Commissioner, dated March 29, 1919. 24 Can. Ry. Cas., p. 199.

APPLICATION OF LAVAL DES RAPIDES *re* STATION FACILITIES, CANADIAN PACIFIC RAILWAY.

This was an application of the town of Laval des Rapides, on isle Jesus, for better station facilities, the town being situated on the line of the Canadian Pacific Railway Company. Opposite the town on the island of Montreal there is a station called Bordeaux, with a regular agent, which people from Parc Laval and the surroundings use, but for persons residing in Laval it means a ten-mile trip each time.

Numerous complaints were filed with the Board and the report made by one of its inspectors goes to show that the method of handling business proved very unsatisfactory, the box car used by the company as a freight shed on the siding at Laval being tampered with and goods stolen or destroyed.

The case was heard in Montreal on January 16, 1919, all parties interested being represented at the hearing.

Held, Deputy Chief Commissioner Nantel in his judgment, April 8, 1919, concurred in by Chief Commissioner Drayton and Commissioner McLean, that a shelter and platform should be erected at the point in question and a caretaker put in charge.

APPLICATION OF T. M. KELLY, SEBRINGVILLE.

This was an application of T. M. Kelly, of Sebringville, Ont., on his own behalf as well as on behalf of a number of farmers tributary to Sebringville, on the line of the Stratford and Goderich Branch of the Grand Trunk Railway, asking for the estab-



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ishment of a siding to accommodate about four cars, also a small shelter with a freight shed or freight room attached, to be located at or near the site indicated, at the crossing at mileage 38, about midway between Sebringville and Mitchell stations, which were eight miles apart. It was made to appear in support of the application that the district to be served by the facility asked was one of the best, if not the best, farming sections in the province of Ontario; that certain of the farmers although living within three miles of the railway were nine or ten miles from a station.

Held, Commissioner A. C. Boyce, in his judgment, April 11, 1919, 24 Can. Ry. Cas. 367, concurred in by Mr. Commissioner McLean, that the discretion appealed to was a judicial one and must be carefully exercised by the Board to avoid injury instead of benefit not only to local shippers, but to all served by the railway system. Held, further, that the precedent which would be created by the granting of the application was not a desirable one, and that there was no preponderance of necessity to justify special treatment in the case, and the application must, therefore, be dismissed.

*Re Staunton, Alta., re Ribstone, Alta., and in re St. Louis de France, County of Champlain, referred to.*

*In re* APPLICATION OF THE CORPORATION OF THE TOWNSHIP OF NEPEAN AND OTTAWA  
ELECTRIC RAILWAY COMPANY.

This was an application of the Ottawa Electric Railway Company for leave to appeal to the Supreme Court on an issue of law from two several orders of the Board, No. 27830, dated November 6, 1918, suspending tariff C.R.C. No. 5 of the company, and Order No. 28120, dated February 25, 1919, disallowing said tariff. The following are the questions to be submitted:—

1. Whether, upon the proper construction of the agreements with the city of Ottawa and the village of Hintonburg, the statutes relating to the Ottawa Electric Railway Company and the relevant provisions of the Railway Act (the evidence adduced, the exhibits filed, and what was alleged by council), the Board was right in disallowing the tariff of the company filed providing for payment of additional fare for carriage upon the extension from Holland avenue, notwithstanding that the Board has found as a fact that the company did not require additional revenue.

2. Also whether, upon the proper construction of the said agreements, statutes, evidence, and exhibits for the purpose of computing the toll to be charged to passengers upon the said extension, the point of commencement of the said extension should be considered to be at Holland avenue or at the formerly westerly limit of the village of Hintonburg, now the city of Ottawa.

Held, Chief Commissioner Drayton, in his judgment, April 14, 1919, concurred in by Assistant Chief Commissioner McLean, that the application be granted subject to the following question being submitted to the court on the matter of jurisdiction:—

“Has the Board the right to treat the company's operations as a whole, and continue the existing tariff; or must the Board permit the filing of tariffs on a mileage basis covering services on the Britannia line without reference to the larger part of the system covered by municipal agreement?” 26 Can. Ry. Cas.

*In re* BELL TELEPHONE COMPANY INCREASED TOLLS.

1. Telephones, Tolls, Increase, Temporary, Emergency, Revision, Operation, Costs.

As an emergency measure, in view of sharp advances in operating costs, the Board authorized temporary increases in telephone tolls, but retained control of the case, so that revision of the emergency tolls might be considered later.

2. Telephones, Tolls, Temporary Increase, Increase of Material and Wage Costs, Emergency, Division of Burden, Depreciation, Deficit.

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In disposing of an application for increase of telephone tolls, the Board took into consideration the increase of material and wage costs, the company's various assets and resources, and its dealings with reserves, depreciation and replacements. It held that the burden of the emergency shown to exist should be divided between the company and the public, by charging part of the deficit against the company's allowance for depreciation, leaving the company to bear the loss prior to the date of the order and allowing temporary increases in exchange and long distance tolls.

3. Telephones, Connection, Installation, Jurisdiction. 2 Edward VII, chapter 41, section 2.

In view of the provisions of 2 Edward VII, chapter 41, section 2, the Bell Telephone Company has no power to impose, nor the Board to authorize, charges for connection or installation of telephones.

*Canadian Oil Cos. v. Grand Trunk, Canadian Pacific and Canadian Northern Ry. Cos.*, 12 *Can. Ry. Cas.* 350, at page 355; *Manitoba Dairymen's Association v. Dominion and Canadian Northern Express Cos.*, 14 *Can. Ry. Cas.*, 142, at page 148; *City of Montreal v. Bell Telephone Co.*, 15 *Can. Ry. Cas.* 118, at pages 129-135, followed.

The facts are fully set out in the judgment of Mr. Commissioner McLean, dated the 24th of April, 1919. 25 *Can. Ry. Cas.*, p. 1.

*In re* APPLICATION OF CITY OF VANCOUVER, AND VANCOUVER, VICTORIA AND EASTERN RAILWAY AND NAVIGATION COMPANY.

This was an application of the city of Vancouver to the Board for an order directing the Vancouver, Victoria and Eastern Railway and Navigation Company to remove the interlocking system at the crossing of the British Columbia Electric Railway Company on Powell street, in the city of Vancouver.

The matter was heard at a sittings of the Board held in Vancouver on February 14, 1919.

Held, Chief Commissioner Drayton in his judgment, May 13, 1919, concurred in by Mr. Commissioner Rutherford, that it was impossible to give effect to the application, and that to do so would imperil the lives of passengers in crowded street cars. Held, further, that the general public could not be placed in such a position of danger by an order of a Board charged with the duty to protect public safety. Held, further, that the cost of maintenance of the interlocking system be divided in equal proportions between the Great Northern and the Canadian National Railway Companies.

*In re* COMPLAINT OF THE BRIGHTON BOARD OF TRADE.

This was a complaint lodged with the Board by the Board of Trade of Brighton, Ont., for an order directing the C.P.R., the G.T.R. and the C.N.R. Companies to construct at Brighton interchange tracks for the purpose of handling carload traffic between the above-mentioned three railways.

The case was heard at a sittings of the Board in Toronto on the 13th January, 1919, when judgment was reserved in order to give the Grand Trunk Railway Company an opportunity to reply to certain statements made on behalf of the Dominion Cannery, Limited, and the Brighton Board of Trade.

The facts are fully set out in the judgment of Mr. Commissioner Goodeve, May 14, 1919, concurred in by Assistant Chief Commissioner McLean.

Held that the Dominion Cannery Company submit its proposed plans to the three railway companies, together with representatives of the other industries at this point, and to endeavour to see if an arrangement could not be arrived at for a consent order.

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*In re* COMPLAINT OF THE TAYLOR MILLING AND ELEVATOR COMPANY, LIMITED, LETHBRIDGE, ALTA., *re* CLASSIFICATION OF DR. RUSK'S CHICK FOOD.

This case was heard at the sittings of the Board held in Lethbridge, Alta., February 24, 1919, when the matter was in part dealt with at the hearing.

At the hearing the companies were tentatively directed to classify the chick food commodity in question as fourth class in less than carloads and eighth class in carloads. The company subsequently put in a tariff covering the l.e.l. movement at the rate which was mentioned at the hearing.

The company objected to classifying the product in the eighth class for the carload movement. Further consideration of the matter supported the tentative conclusion previously arrived at.

Held, Chief Commissioner Drayton, in his judgment, May 20, 1919, concurred in by Mr. Commissioner Rutherford, that the reduction from third to fourth class should be sufficient for these extraneous enclosures. The facts are fully set out in the judgment referred to.

## ONTARIO PAPER COMPANY V. GRAND TRUNK RAILWAY COMPANY.

A toll of 22 cents per 100 pounds on newsprint from Thorold, Ont., to Chicago, Illinois, U.S.A., was not found to constitute an unjust discrimination or undue preference in favour of competitors in the Chicago market.

The facts are fully set out in the judgment of Mr. Commissioner McLean, dated June 26, 1919, concurred in by the Chief Commissioner, the Deputy Chief Commissioner and Mr. Commissioner Goodeve. 24 Can. Ry. Cas., p. 177.

*In re* APPLICATION OF THE TEMISCOUATA RAILWAY FOR INCREASE IN ITS STANDARD PASSENGER FARE.

This was an application of the Temiscouata Railway Company for permission to increase its standard passenger fare to four cents per mile, in conjunction with a complaint of the municipality of Ste. Rose du Degele, P.Q., against the cancellation of second-class fares by the railway company. Prior to the increase in the *Fifteen Per Cent Case*, the standard passenger fare was 3.3 cents. When the increase in the *Fifteen Per Cent Case* was made, the increase was limited to 3.45 cents, being 15 per cent on a 3-cent standard base. This allowed an increase of 3 per cent over the standard fare hitherto charged. Had the full 15 per cent on the 3.3 cent rate been allowed, it would have given a rate of 3.82 cents.

Complaint was also made of the railway having taken out its second-class fares on its main line. This was effective June 16, 1919. No application for suspension was received.

The facts are fully set out in the judgment of Assistant Chief Commissioner McLean, July 25, 1919, concurred in by Deputy Chief Commissioner Nantel and Mr. Commissioner Boyce.

Held, on consideration of all material factors concerned, that a case for increasing the first-class standard fare to 4 cents per mile had been made out, and that the increased rate might become effective on compliance with the provisions of the Railway Act as to standard passenger fare publication.

Held, further, that there is no provision contained in the Railway Act as to provision for second-class fares, and that even if the Board had discretion to direct the installation of second-class fares—a point that it was not necessary to pass upon—the facts as developed in regard to cost conditions and revenues did not warrant the exercise of this discretion by way of direction for their reinstallation on the Temiscouata railway.

*Eastern Townships Lumber Company v. Temiscouata Railway Company*, 13 Can. Ry. Cas., at p. 260, referred to.

*In re* QUEBEC, MONTREAL AND SOUTHERN RAILWAY COMPANY.

The Board allowed the agents at six stations to be dispensed with and refused the application in the case of six others.

The facts are fully set out in the judgment of the Chief Commissioner, dated July 10, 1919, concurred in by the Deputy Chief Commissioner and Mr. Commissioner McLean. 24 Can. Ry. Cas., p. 229.

EXPRESS TRAFFIC ASSOCIATION V. CITIES OF MONTREAL, TORONTO, WINNIPEG, *et al.**Express Tolls Case.*

## 1. Express, Tolls, Railways, Transportation, Facilities, Payment, Organization.

Notwithstanding that express companies are in effect owned by the railways over whose lines they operate, the payments made by the express companies to the railways are to be allowed for in fixing express tolls, since the railways are entitled to payment for the transportation and facilities they afford, and the further and additional service given by the express organization must also be recognized. Under present circumstances there is no room for the claim that railway earnings are exorbitant.

## 2. Express, Railway Function, Tolls, Additional, Reasonableness, Subsidiary Company.

Express business is a railway function, and the reasonableness of express tolls is to be determined on the same basis as if the express service were rendered by the railway company itself, instead of by a subsidiary company, the introduction of an express company not justifying any additional charge. The reasonableness of the charges made by the railway company against the express company is therefore a proper subject of investigation in order to determine the reasonableness of express tolls.

## 3. Express, Tolls, Railway Service, Value, Additional, Service, Express Facilities.

In fixing express tolls, the questions to be determined are what the railway service is worth, and what amount should be added for the additional service due to express facilities.

## 4. Express, Tolls, One and a half times freight tolls plus sixty cents, Cost of Operation.

After consideration of express accounts of express companies and of railway costs, including a comparison of earnings of express cars with those of passenger, freight, and sleeping cars per car mile, the Board found that one and a half times the standard freight toll would be reasonable as a basis for the rail service included in express service; and that there might be added to this, in order to arrive at a reasonable express toll, sixty cents per 100 pounds for the additional service afforded by express facilities, this sixty cents representing the express companies' cost of operation with a small, but reasonable, profit on their activities.

## 5. Express, Tolls, Commodity, Standard Maximum, "Merchandise" Toll, Classification.

The underlying basis of express tolls is the standard maximum "merchandise" rate on which all other tolls should be predicated. Commodity tolls should be calculated at an approximate fraction of the standard toll; and the toll for bulky articles taking a higher classification by the addition of the appropriate fractions over the merchandise toll.

## 6. Express, Tolls, Higher than Freight.

Express tolls ought to be materially higher than standard first class freight tolls; should be so set out as to be easily understood; and should bear equally and fairly on all shippers under similar circumstances and conditions.

## 7. Express, Tolls, Special, Commodity, Increase, Public Interest, Financial Relief, Wagon Service, C.L. and L.C.L., Return of Empties, Unloading, Intermediate Points.

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In refusing to allow the express companies to discontinue special "commodity" tolls, the Board took into consideration that any increase of tolls on these "commodities," which are articles of large consumption and daily necessity, would afford an excuse for further increase in cost to the consumer, out of proportion to the increased tolls allowed; that in view of present high cost of necessities of life such an increase of tolls would not be in the public interest, nor in that of the express companies themselves; that such increase would bear too hardly on the producer; and that the increase allowed in ordinary "merchandise" tolls would afford sufficient financial relief to the companies. Special directions given as to wagon service on car load and less than car load commodities; return of empties; and partial unloading at intermediate points.

## 8. Express, Tolls, "Block" System.

The Board authorized the adoption of the "block" system of stating tolls on all Canadian express lines, following a report of the chief traffic officer, explaining the system.

## 9. Board, Decisions, Intimidation, Illegal, Punishment, Contempt.

Attempts to influence decisions of the Board by intimidation or other improper methods are illegal and are punishable by proceedings for contempt.

## 10. Express, Free Delivery, Extension, Basis, Density of Population, Distance, Condition of Roads.

The Board ordered that free delivery by wagon be continued where already given, and that extensions of free delivery service be given in accordance with specific rules enumerated by the Board based on density of population, distance, and condition of roads.

## 11. "Pay Zones," Abolition, Free Delivery Limits.

The Board ordered that "pay-zones" outside free delivery limits be abolished.

## 12. Unjust Discrimination, Free Delivery, Toll, Reduction, Wagon Service.

To remove unjust discrimination due to free delivery at some points and no free delivery at others, the Board ordered a reduction of 15 cents from the toll per 100 pounds in the case of points having a one-wagon service and of 30 cents where no wagon service given.

## 13. Tolls, Express, Special Circumstances, Arbitrary Toll, Ferry Service, Through Haul.

Under the special circumstances described in the judgment, the ferry service between Prince Edward Island and the mainland should be regarded merely as an incident in the through haul, and the proposed arbitrary charge of 25 cents per 100 pounds for such service should be struck out.

The facts are fully set out in the judgment of the Chief Commissioner (Sir Henry Drayton), July 17, 1919. 25 Canadian Railway Cases, p. 61.

*In re* APPLICATIONS OF THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO.

Applications were made to the Board by the Hydro-Electric Power Commission of Ontario for authority to construct a canal and construction railway across the rights of way of the Toronto and Niagara Power Company and the Toronto, Niagara and Western Railway Company on lots 124 and 187 in the township of Stamford, province of Ontario.

These applications were heard at a sittings of the Board held in Ottawa on June 10, 1919, when the question of the Board's jurisdiction was raised by counsel for the Toronto and Niagara Power Company. The position of that company was that **not** only had the Board no jurisdiction to permit the crossings, but that the Hydro-Electric Power Commission had not the right in law to embark upon and carry out the canal power project. It was shown that an action was pending raising the question of the status of the Hydro-Electric Power Commission.

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The facts are fully set out in the judgment of Chief Commissioner Drayton, August 1, 1919, concurred in by Mr. Commissioner Goodeve and Mr. Commissioner Rutherford.

Held that the orders already issued were entirely without prejudice to the company's right to object to the construction of the canal as such, and the company was left with its appropriate remedy in the courts.

CITY OF MONTREAL *v.* CANADIAN PACIFIC AND GREAT NORTH-WESTERN TELEGRAPH COMPANIES

Where urban development has reached such a stage that the city's wires and poles are being placed underground, the Board will order telegraph companies to adopt underground construction for their wires at their own expense, or where the work is done by the municipality, and ducts may be rented from it, then upon such terms or rental as may be agreed upon between the parties.

The facts are fully set out in the judgment of the Chief Commissioner, dated August 1, 1919, concurred in by the Deputy Chief Commissioner and Mr. Commissioner Goodeve. 24 Can. Ry. Cas., p 226.

#### APPEALS FROM DECISIONS OF THE BOARD.

For the nine months ending December 31, 1919, there was one appeal made to the Governor in Council, and no appeals to the Supreme Court of Canada from the decisions of the Board.

With reference to the appeal to the Governor in Council, this was an appeal of the National Dairy Council of Canada on behalf of the Canadian Association of Ice-cream Manufacturers against an order of the Board, dated October 9, 1919, dismissing the application of the appellants to have ice-cream classified as food under second-class rates instead of being classified as merchandise under first-class rates. The appeal is still pending.

#### ORDERS, GENERAL ORDERS AND CIRCULARS.

The total number of orders issued for the nine months ending December 31, 1919, was 1,015. The number of general circulars issued by the Board directed to all railway companies subject to its jurisdiction for the year was 11. The general orders as distinguished from other orders issued by the Board are those affecting all railway companies subject to the Board's jurisdiction. It will be noted that the number of general orders issued by the Board for the nine months ending December 31, 1919, was 19.

A list of the general orders and circulars for the nine months ending December 31, 1919, will be found compiled under Appendix F to this report.

#### JUDGMENTS OF THE BOARD.

A summary of the principal judgments of the Board delivered between the 1st April, 1919, and the 31st December, 1919, will be found under Appendix A.

#### APPLICATIONS TO THE BOARD.

The total number of applications, including informal complaints made to the Board for the nine months ending December 31, 1919, was 2,735.

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TRAFFIC DEPARTMENT OF THE BOARD.

In the Traffic Department of the Board the number of tariffs received and filed for the nine months ending December 31, 1919, was as follows:—

|   |               |
|---|---------------|
| Freight tariffs, including supplements . . . . .                  | 19,913        |
| Passenger tariffs, including supplements . . . . .                | 8,152         |
| Express tariffs, including supplements . . . . .                  | 3,944         |
| Telephone tariffs, including supplements . . . . .                | 4,316         |
| Sleeping and parlour car tariffs, including supplements . . . . . | 142           |
| Telegraph tariffs and supplements . . . . .                       | 4             |
| Total . . . . .   | <u>36,471</u> |

The total number of tariffs filed from February 1, 1904, to December 31, 1919, was 877,094.

The details in regard to the tariffs will be found under Appendix B to this report.

ENGINEERING DEPARTMENT OF THE BOARD.

In the Engineering Department of the Board a large number of inspections were made covering the whole Dominion. These inspections for the nine months ending December 31, 1919, number 169, and cover inspections for the opening of a railway for the carriage of traffic, pursuant to the requirements of section 261 of the Railway Act, inspections of culverts, highway crossings, cattle guards, road crossings, bridges, subways and general inspections falling within the scope of the work of the Engineering Department of the Board.

OPERATING DEPARTMENT OF THE BOARD.

Under the work of this department is included the inspection of locomotive boilers and their appurtenances, the inspection of safety appliances on cars and locomotives, the investigations into accidents causing personal injury or loss of life, the reporting on the location of stations, matters of protection at highway crossings, and train and station service performed by the railway companies.

Under Appendix C will be found a full and detailed report of the Chief Operating Officer of the department.

ACCIDENTS AND ACCIDENT INVESTIGATIONS.

Owing to the fact that the report of the Board's Chief Operating Officer is for a period of nine months ending the 31st December, 1919, this being necessitated by the amendment to the Railway Act altering the date of the report of the Board from the 31st March to the 31st December in each year, it is not deemed practicable to make any comparison with previous years.

Full particulars of passengers and employees killed and injured, and other general information in regard to trespassers killed and injured, accidents at protected and unprotected crossings, etc., will be found under Appendix C.

FIRE INSPECTION DEPARTMENT OF THE BOARD.

The policy of the Fire Inspection Department of the Board, of co-operation with the various Dominion and provincial fire protective organizations, has been carried out as in previous years.

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A total of 1,327 fires from all causes were reported as originating within 300 feet of railway lines in forest sections subject to the jurisdiction of the Board. This is an increase of 183 fires over the figures for the preceding year. Of these fires, 504 were of an incipient nature and did no damage; 77.8 per cent are definitely attributed to railways, 4.9 per cent to known causes other than railways, and 17.2 per cent to unknown causes. A total area of 246,987 acres were burned over: 86.6 per cent of this area was burned over by fires definitely attributed to railways, 3.7 per cent by fires due to known causes other than railways, and 9.7 per cent to fires of unknown origin.

The total damage by all these fires is estimated at \$536,632; of this, the railways are charged with 95.9 per cent, while 0.4 per cent is charged to known causes other than railways, and 3.7 per cent to unknown causes. The aggregate monetary damage due to fires is \$434,216 greater than in 1918.

Under Appendix D will be found a full and detailed report of the Chief Fire Inspector.

## ROUTINE WORK OF THE BOARD.

### RECORD DEPARTMENT.

Since the publication of the last annual report there has been no change in connection with the clerical staff of this department.

Below is given a table setting forth the number of applications filed, and letters received, during the nine months ending December 31, 1919, together with the number of orders issued:—

|   |        |
|---|--------|
| Number of applications made.. . . . .           | 2,735  |
| “ “ filings received during the year.. . . . .  | 26,109 |
| “ “ out-going letters during the year.. . . . . | 17,502 |
| “ “ orders issued during the year . . . . .     | 1,012  |



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STATEMENT showing the applications made to the Board under the various Sections of the Railway Act, for the nine months ending December 31, 1919.

| Sections of Railway Act.                  | April. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. | Dec. | Totals. |
|---|--------|------|-------|-------|------|-------|------|------|------|---------|
| Rescinding of orders .....                | 11     | 5    | 7     | 6     | 2    | 4     | 9    | 5    | 12   | 61      |
| Rules and regulations .....               |        |      | 4     |       |      |       |      |      |      | 4       |
| Extension of time .....                   | 3      | 3    | 8     | 5     | 9    | 2     | 6    | 3    | 7    | 46      |
| Location of line .....                    |        | 2    | 2     | 5     | 5    | 8     | 2    | 9    | 1    | 34      |
| Route map .....                           |        | 7    | 7     | 1     |      |       | 1    | 1    | 1    | 18      |
| Railway, as constructed .....             | 5      | 3    | 3     | 1     |      | 1     | 1    | 3    |      | 14      |
| Deviation of line .....                   | 4      | 2    | 2     | 2     | 1    | 1     | 3    | 1    |      | 16      |
| Expropriation of lands .....              | 1      | 3    | 1     | 2     | 1    | 3     | 2    | 2    |      | 15      |
| Appeal to Governor in Council .....       |        |      |       |       |      |       | 1    |      |      | 1       |
| Branch lines of railways .....            | 12     | 20   | 18    | 11    | 25   | 31    | 30   | 33   | 23   | 203     |
| Railway, crossings and junctions .....    |        |      |       | 2     | 4    | 5     | 1    | 3    |      | 15      |
| Interlocking appliances .....             | 4      | 1    |       | 2     | 7    | 1     | 4    | 1    | 2    | 22      |
| Highway crossings .....                   | 21     | 42   | 34    | 9     | 23   | 9     | 15   | 10   | 16   | 179     |
| Highway diversions .....                  | 2      | 10   | 3     | 2     | 6    | 4     | 2    | 6    | 5    | 40      |
| Protection at crossings .....             | 5      | 9    | 2     | 4     | 6    | 11    | 10   | 9    | 7    | 63      |
| Telegraph and telephone lines .....       |        |      | 1     |       |      | 1     |      |      |      | 2       |
| Telegraph and telephone connections ..... | 1      |      |       | 1     |      | 1     |      | 1    |      | 4       |
| Telegraph wire crossing .....             |        |      | 1     |       |      | 1     |      |      |      | 2       |
| Power wire crossings .....                |        | 2    |       | 2     | 2    |       |      |      |      | 6       |
| Telephone agreements .....                | 3      | 5    | 2     | 1     | 4    | 1     | 5    | 5    | 4    | 30      |
| Water pipes .....                         |        |      | 1     |       |      | 1     | 1    |      | 1    | 4       |
| Sewers .....                              | 3      |      | 1     | 1     | 1    | 1     | 1    | 2    |      | 10      |
| Culverts .....                            |        | 2    | 2     | 1     |      | 1     | 1    |      | 7    | 14      |
| Farm crossings .....                      | 4      | 4    | 2     | 3     | 2    | 5     | 2    | 1    | 2    | 25      |
| Protection at farm crossings .....        |        |      |       |       |      | 1     |      |      |      | 1       |
| Cattleguards .....                        | 1      |      | 1     | 2     |      |       | 1    |      |      | 5       |
| Fencing of right of way .....             | 2      | 3    | 5     | 3     | 1    | 3     | 2    | 1    | 2    | 22      |
| Construction—Navigable waters .....       |        |      |       | 2     |      |       |      |      |      | 2       |
| Bridges .....                             |        | 24   | 19    | 15    | 16   | 4     | 14   | 13   | 16   | 121     |
| Tunnels .....                             | 7      |      |       |       |      |       |      |      |      | 7       |
| Stations .....                            | 12     | 3    | 11    | 7     | 1    | 8     | 2    | 1    |      | 45      |
| Condition of stations .....               |        |      |       |       |      |       |      |      | 1    | 1       |
| Station accommodation and agents .....    | 10     | 37   | 16    | 5     | 12   | 13    | 20   | 12   | 11   | 136     |
| Condition of roundhouses .....            |        |      |       |       |      |       | 3    |      |      | 3       |
| Opening of railway .....                  | 3      | 1    | 2     |       |      |       |      |      | 4    | 10      |
| Condition of railway .....                | 6      | 3    | 7     | 2     | 2    | 6     | 1    | 8    | 5    | 40      |
| Rolling stock .....                       |        | 1    | 1     | 1     |      | 6     | 4    | 1    |      | 14      |
| Train service .....                       | 12     | 11   | 5     | 5     | 3    | 5     | 10   | 6    | 13   | 70      |
| Working of trains .....                   |        | 6    | 3     | 2     | 2    | 4     | 8    | 1    | 2    | 26      |
| Obstruction to traffic .....              |        |      | 2     |       |      |       | 1    | 1    |      | 4       |
| Accommodation for traffic .....           | 6      | 4    | 7     | 5     | 10   | 10    | 6    | 3    | 7    | 58      |
| Dangerous commodities .....               |        |      |       |       |      |       |      |      | 1    | 1       |
| Accident reports .....                    | 17     | 29   | 30    | 32    | 35   | 20    | 43   | 42   | 33   | 281     |
| Thistles and weeds .....                  |        |      |       |       | 1    |       |      |      |      | 1       |
| Fires from locomotives .....              |        |      | 1     |       |      |       |      |      |      | 1       |
| By-laws, <i>re</i> tolls .....            | 1      |      | 1     | 1     |      | 1     |      |      | 3    | 7       |
| Equality in tolls .....                   |        | 1    |       |       |      |       |      |      |      | 1       |
| Interswitching .....                      | 3      |      | 1     | 3     | 1    |       |      | 1    | 3    | 12      |
| Freight classification .....              |        |      |       |       |      | 2     |      | 1    | 2    | 5       |
| Disallowance of tariffs .....             | 1      | 1    |       | 3     | 2    |       | 1    | 1    | 1    | 6       |
| Standard freight tariffs .....            |        |      | 2     | 3     | 2    | 2     | 1    |      | 3    | 13      |
| Standard passenger tariffs .....          |        |      |       | 1     | 1    | 2     | 2    | 1    | 1    | 7       |
| Local freight tariffs .....               | 1      | 1    |       |       |      |       |      | 1    |      | 3       |
| Adjustment in rates .....                 | 4      | 5    | 4     |       | 1    | 3     | 3    | 1    |      | 21      |
| Special tariffs .....                     | 2      | 2    |       | 1     | 1    | 1     | 7    | 3    | 9    | 26      |
| Provisions for carriage .....             |        | 1    |       | 1     | 1    |       |      | 1    |      | 3       |
| Express tolls .....                       |        |      | 1     | 3     | 1    | 1     | 1    |      | 1    | 3       |
| Carriage by express .....                 |        | 3    |       | 3     | 1    | 5     |      | 2    | 6    | 21      |
| Telephone tolls .....                     |        |      | 3     | 1     |      |       |      | 1    |      | 5       |
| Traffic agreements .....                  |        |      |       | 1     | 2    |       | 1    |      | 1    | 7       |
| Inquiries .....                           | 17     | 18   | 10    | 12    | 13   | 8     | 10   | 11   | 15   | 114     |
| Complaints .....                          | 68     | 63   | 74    | 72    | 47   | 103   | 90   | 90   | 71   | 678     |
| Miscellaneous .....                       | 17     | 16   | 10    | 13    | 12   | 18    | 16   | 6    | 18   | 126     |
| Totals .....                              | 269    | 350  | 317   | 250   | 265  | 320   | 343  | 304  | 317  | 2,735   |

## APPENDIX A.

PRINCIPAL JUDGMENTS OF THE BOARD FOR THE NINE MONTHS  
ENDING DECEMBER 31, 1919.*Re* CANADIAN PACIFIC TRAIN SERVICE

The Board has had before it the question of train service given by the Canadian Pacific Railway on—

- (1) Suffield-Lomond Branch, which runs out of Suffield into Lomond, Alberta.
- (2) Irricana-Bassano subdivision, which runs southeast from Irricana to Bassano, a point on the main line.
- (3) Sterling-Manyberries Branch, which runs out of Sterling to Manyberries.
- (4) Langdon Subdivision, having regard to movement from Langdon, Irricana, and Acme.

The present schedules of the company were reduced and the earnings were such that the reduction was justifiable during the past winter. Conditions have now changed and better service is required to enable proper development during the ensuing season.

The present service on the Suffield-Lomond Branch consists of one mixed train a week. This service now ought to be improved, and the old service which consisted of two trains a week restored.

Irricana-Bassano subdivision. The same considerations should apply here. The present service is one train a week. The old schedule which called for two trains a week should be again put in force.

On the Sterling-Manyberries Branch the old service of two trains a week should be restored.

The complaints from Keoma and Dalroy, on the Langdon Subdivision, is that the present mail service is entirely insufficient. At the present time there is no mail service between Wednesday and Saturday. With the restoration of a service consisting of two trains a week between Calgary and Bassano via Irricana, settlers on this line will have four trains a week.

Their complaint is, therefore, answered by the action above indicated. New train schedules ought to become effective within one week.

APPLICATION OF THE CITY OF TORONTO *re* TORONTO TERMINALS RAILWAY COMPANY

Application was made by the corporation of the city of Toronto for leave to appeal under section 56 of the Railway Act. The application was opposed by the Toronto Terminals Railway Company, that company objecting entirely to any question being submitted.

While it is true that no answer whatever was made to the application on its merits, that the city is protected, and that railway operations in the city terminals can be carried on more cheaply than they otherwise would, the Board was of the opinion that leave ought to be given.

The position, is that while the present order may not injure the city, it fears it may establish a precedent to enable other structures to be built and placed upon public highways under circumstances which might injure the municipality. While the Board cannot conceive of this happening in connection with the operations of the Toronto Terminals Company, and while in the past orders have been made without any question as to the right of the Board to make them, carrying conduits under rail-

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way tracks, I would follow the Board's settled practice of granting leave to appeal to the Supreme Court of Canada on any legal question on which the Board's final adjudication depends and which is debatable.

Under the circumstances, and in view of the merits as stated at the hearing of the application, no stay of proceedings will be granted. The parties have agreed on the form of question to be submitted, as follows:—

“Whether the judgment of the Board, as set out in the reasons for judgment, was right in determining that the Railway Act, Revised Statutes of Canada, 1906, chapter 37 (as amended), and particularly sections 2 (21), 151 (*k*), 235, and 237 thereof, and 6 Edward VII, chapter 170 (Canada) confer upon the Toronto Terminals Railway Company the right, subject to the approval of the Board, to construct upon the highways of the city of Toronto the works authorized by the order of the Board.”

Order issued accordingly.

APPLICATION OF CITY OF BRANTFORD *re* SUBWAY ST. PAUL'S AVENUE, BRANTFORD, GRAND TRUNK RAILWAY COMPANY.

This was an application of the city of Brantford for an order directing that the proposed subway at St. Paul's avenue, Brantford, under the tracks of the Grand Trunk Railway Company, be a vehicular subway, including sidewalks for pedestrian traffic, and that the Grand Trunk Railway Company bear the additional expense should the subway be built to accommodate the future requirements of the company.

The application was heard at a sittings of the Board held in Ottawa on July 8, 1919. In so far as the legal position of the parties was concerned that question was dealt with in the judgment of former Assistant Chief Commissioner Scott on a previous application made by the city and heard in Hamilton on April 12, 1917, authorizing the construction of a subway for pedestrians.

The facts are fully set forth in the judgment of Chief Commissioner Drayton, dated August 1, 1919, concurred in by Mr. Commissioner Goodeve. Held that under the circumstances the movement in the railway company's interest would be confined to the necessary movement on the double track in and out of Brantford, and that at present there was no condition that would render other tracks over the subway necessary, conformable to good railway practice. Held, further, that if it became necessary the matter could be dealt with on an application made subsequently by the railway company to the Board, and that for the present the Board would approve the plans of the city providing merely for a two-track subway.

APPLICATION OF THE NATIONAL ELEVATOR COMPANY, LIMITED, WINNIPEG, MAN., *re* ABSORPTION OF SWITCHING CHARGES.

This was an application of the National Elevator Company, Limited, of Winnipeg, Man., for a ruling of the Board in the matter of absorption of switching charges by a railway company in cases where a car of grain is shipped from the applicants' elevator at Port Arthur, on the Canadian National Railways, and then switched over to the Canadian Pacific Railway and billed to Cartier for orders, the applicants paying a stop-off charge and then rebilling the car to Montreal or Quebec as destination.

It appeared that the grain could be shipped from any elevator on the Canadian National Railways at the head of the lakes to Capreol, with the privilege of being held at that point for orders for furtherance to destination; also, in like manner, all grain in elevators served by the Canadian Pacific Railway Company might be forwarded to Cartier with the like privilege. It further appeared that grain so forwarded had

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not to be interswitched; that no unnecessary rail service had to be performed and that at certain periods the head of the lake terminals of both systems were busy and the grain movement most intensive. It was also shown that the present issue related to cars moved off the terminals of the one line to the tracks of the other for the eastern movement with the right of stop-off.

The facts are fully set out in the judgment of Chief Commissioner Drayton, dated August 1, 1919, concurred in by Deputy Chief Commissioner Nantel and Commissioners Goodeve and Boyce, holding that there was no discrimination between the shippers and that like privileges were open to all, and all shippers to a stop-off point receive the same treatment, and that the application should be dismissed.

APPLICATION OF THE DOMINION MILLERS' ASSOCIATION *et al* FOR REVISION OF RULE NO. 9,  
BOARD'S GENERAL ORDER NO. 201.

This was a complaint made by shippers and consignees who desired that the present demurrage tolls should be decreased. No complaint was made as to the basis of the present tariff. On the other hand, shippers thought it more equitable than the tariff in force in the United States. The whole question, therefore, was one of the amount.

The application was opposed by the railway companies, who were desirous of getting as many cars as possible on hand for the grain movement and of keeping terminals as free as possible, so as to prevent congestion and blocking the movement.

The facts are fully set forth in the judgment of Chief Commissioner Drayton, dated August 1, 1919, concurred in by Commissioners Goodeve and Boyce, holding that in the public interest no reduction could be made under the existing circumstances, and that the application should be dismissed.

APPLICATION OF THE CANADIAN PACIFIC RAILWAY COMPANY TO RESCIND ORDER OF THE BOARD  
*re* OAKVILLE TRAIN SERVICE.

This was an application of the Canadian Pacific Railway Company to the Board for an order rescinding Order No. 27688, dated September 16, 1918, in the matter of the stoppage of the company's train No. 821 at Oakville, Ont.

The facts are fully set out in the judgment of Mr. Commissioner Goodeve, dated August 8, 1919, concurred in by Mr. Commissioner Boyce, granting the application.

APPLICATION OF J. L. ATKINSON, KILGARD, B.C., FOR FARM CROSSING, VANCOUVER, VICTORIA  
AND EASTERN RAILWAY.

This was an application of J. L. Atkinson, of Kilgard, B.C., for an overhead farm crossing over the tracks of the Vancouver, Victoria and Eastern Railway and Navigation Company.

The facts are fully set out in the judgment of former Assistant Chief Commissioner Scott, dated June 26, 1918, concurred in by Chief Commissioner Drayton and Commissioner Goodeve, dismissing the application, Commissioner Boyce dissenting.

APPLICATION OF CANADIAN PACIFIC RAILWAY COMPANY FOR RESCISSION OF BOARD'S ORDER NO.  
26671.

This was an application of the Canadian Pacific Railway Company for reconsideration and rescission of the Board's Order No. 26671, dated October 22, 1917, in connection with switching charges on cars at Drumheller, Alta.

The order referred to was issued in accordance with the judgment of Mr. Commissioner Goodeve, concurred in by Chief Commissioner Drayton, based on the evidence as submitted at the hearing in July, 1916, at the sittings of the Board held at Calgary.

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The company were given an opportunity to file a statement showing the practices which in fact apply in connection with other private sidings, and at the coal mines, and the company filed its memorandum covering these points, dated at Winnipeg, November 23, 1917. On receipt of this memorandum the whole matter was referred to the Board's Chief Traffic Officer with a direction to make a careful study of the whole situation and submit his report to the Board as of the above information, as well as previous evidence taken. Following this direction the Board's Chief Traffic Officer made a carefully considered report on December 5, 1917, in which he recommended for adoption a revised basing scale.

The facts are fully set out in the judgment of Commissioner Goodeve, dated August 21, 1919, concurred in by Commissioner Rutherford, holding that the rates and conditions as set forth in the Chief Traffic Officer's report were fair and reasonable and should be adopted by the Board, and that an order should be issued accordingly.

APPLICATION OF BROCKVILLE MOULDING SAND COMPANY, LIMITED, *re* GRAND TRUNK RAILWAY SIDING.

This was an application made by the Brockville Moulding Sand Company, Limited, of Montreal, for an order directing the Grand Trunk Railway Company to construct a spur for the applicant company to serve its property on the Bresse farm, two and one-half miles west of Brockville, the farm being situated on lot 22, first concession of the township of Elizabethtown.

Objection was taken by the Grand Trunk Company to the construction of the spur on the grounds that the siding involved a break in their main line between stations and that the proposed connection was on a very busy part of the line running off a curve, and that in addition it was on a one per cent grade descending with the current of traffic. It was proposed by the railway company that instead of the connection as asked for a siding leading from the connection with the company's tracks at the west end of Manitoba yard and extending parallel and adjoining the eastbound main line for a distance of about one mile be constructed.

The facts are fully set forth in the judgment of Assistant Chief Commissioner McLean, dated September 4, 1919, concurred in by Deputy Chief Commissioner Nantel and Mr. Commissioners Goodeve and Boyce.

Held that in the general interests the opening up of the deposit of moulding sand in question should be allowed and the application granted. Held, further, that whatever protection, if any, which may at any future time be found necessary by the Board, must be provided and maintained at the expense of the applicant company, its successors or assigns. Held, further, that the disposition made was without prejudice to any application which might at any time be launched by the municipality in regard to the operation or location of the spur.

APPLICATION OF THE VANCOUVER ICE AND COLD STORAGE CO., LIMITED, *re* CANADIAN PACIFIC RAILWAY SIDING.

This was an application for leave to terminate the siding agreement between the Canadian Pacific Railway Company and the Vancouver Ice and Cold Storage Company, Limited, the removal of the spur being necessary owing to the double track of the Canadian Pacific into Vancouver, which constituted a proper development of the railway facilities. As the spur in question was built upon the company's statutory right of way and was also so placed as to interfere with the double track, and as the width of the right of way did not permit the laying of another private spur, there was no room on the railway property to accommodate another private siding. Two matters were involved in the application: (1) the question of affording facilities to the Vancouver Ice and Cold Storage Company, and (2) the distribution of cost as between the parties.

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The facts are fully set out in the judgment of Assistant Chief Commissioner McLean, dated September 5, 1919, concurred in by Commissioners Goodeve, Rutherford and Boyce.

Held that under all the circumstances involved the offer made by the railway company was a reasonable one and that the application for removal be granted.

APPLICATION OF THE CANADIAN NORTHERN RAILWAY COMPANY *re* CROSSING EAST OF VILLAGE OF MCGEE, SASK

This was an application of the Canadian Northern Railway Company for an order amending the Board's Order No. 19686, dated June 25, 1913, by providing that the cost of construction and maintenance of the crossing east of the village of McGee, in the province of Saskatchewan, be placed upon the municipality and the Canadian Town Properties, Limited, successors in title to Messrs Mackenzie, Mann and Company, Limited.

By order of the Board No. 19686, referred to, the Canadian Northern Railway Company was authorized to construct a highway across its line at McGee townsite, in the northwest  $\frac{1}{4}$  of section 19, township 29, range 16, west of the third meridian, at its own expense.

The facts are fully set out in the judgment of Mr. Commissioner Rutherford, dated September 8, 1919, concurred in by Assistant Chief Commissioner McLean.

Held that in consideration of all the circumstances, including the close relations during the entire period, between the railway company and the townsite company, and especially of the small expenditure required and on the special facts involved, the Board was justified in insisting on the enforcement of its Order No. 19686 as originally issued, and that the application of the railway company be dismissed.

COMPLAINT OF THE TORONTO BOARD OF TRADE, *et al.* *re* INCREASED RETURN PASSENGER FARES

This was a complaint of the Toronto Board of Trade and Border Chamber of Commerce, Windsor, Ont., against the increased return passenger fares put into effect by the railroad companies on February 1, 1919.

It appeared that the railways of Canada had for a considerable period of time provided round-trip passenger rates at a reduction of one-sixth off the sum of the individual rates; that this practice had been amended, effective February 1, 1919, by limiting the reduction to ten per cent. The passenger rate practice involved developed, no doubt, as a means of building up traffic. In the case of round-trips between points served by two or more lines of railway the reduction from the sum of the rates held the traffic inbound to the line on which it had moved out. The practice, however, was general, not being limited to competitive situations.

The Board has approved standard passenger rates which are legally filed and published. The question is now raised whether this having been done the Board has power, in respect of traffic moving on said rates, to direct that a round-trip rate shall enjoy a charge less than the sum held lawful where each portion of the journey is performed as an isolated unit, having no connection with a return.

It was contended, on the other hand, that the round-trip arrangement is a special rate arrangement, and that where such a rate arrangement has once been put in by a railway the Board has the same jurisdiction.

*In re* SPECIAL FREIGHT TARIFFS GOVERNING WEIGHING OF CARLOAD TRAFFIC AND ALLOWANCES IN TRACK SCALE WEIGHTS.

The Board has had before it for consideration the matter of special freight tariffs governing the weighing of carload traffic and allowances in track scale weights, and the cancellation of allowance of 1,000 pounds dunnage on agricultural imple-

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ments, machinery, stoves, street cars, vehicles, etc., on box or stock cars in the tariffs proposed to become effective May, 1911.

At the hearing of this matter in Toronto on April 25, 1911, the late Chief Commissioner Mabee directed that the effective date of these tariffs be postponed from the 1st day of May to the 1st day of July, 1911, and in accordance with this direction Order No. 13520 of April 27, 1911, was issued.

On complaint against this order a hearing was held in Ottawa on June 20 and 21, 1911. At this hearing the matter was gone into very exhaustively, all the various railways being represented as well as the Canadian Manufacturers', the Canadian Lumbermen's, and the Montreal Lumbermen's Associations. A large number of witnesses were heard on behalf of both the shippers and the railway companies.

As a result of this hearing a judgment was issued by the late Chief Commissioner Mabee under date of July 14, 1911, in which Commissioner McLean concurred; and Order No. 14389 of July 25, 1911, was issued based on this judgment.

The effect of these orders was to indefinitely postpone the effective date of the Tariffs C.R.C. No. E-2312, G.T.R., and C.R.C. No. E-2067, C.P.R.

Upon the application of the Canadian Freight Association for a ruling of the Board as to the proper allowances to be made for track scale weights on various commodities, this matter was again taken up and a hearing held at Ottawa on March 18, 1913.

The result of the cancellation of the Tariffs above referred to was that the allowance made in the Tariffs of the carriers previous to May 1, 1911, were continued in effect. Similar provisions are in effect to-day.

It will be seen by a comparison of the foregoing that the proposals of the carriers was to do away with allowances for blocking, dunnage, and temporary racks used in connection with the bulk of the freight shipments in cars covered by these tariffs.

Dealing first with the question of dunnage:—

“Free transportation of dunnage in closed cars is obviously based on two principles: (1) that the dunnage constitutes a part of the carrier's equipment and as such is not subject to a transportation charge, or (2) that the charges for the transportation of dunnage in cars are included in the charges for the transportation of the commodity in connection with which it is used.”  
52 I.C.C. *Aetna Explosives Company v. Pennsylvania Railroad Company et al.*

The whole controversy revolves around the principles set out in the above quotation, the shippers contention being that dunnage is not only for the protection of the goods, but that it is a protection against damage in transit; that decks have to be put in, in order to enable the shippers to load to the minima established by the tariffs of the railways; that the railways are benefited in that dunnage has the effect of reducing damage claims to a minimum, and enables loading to capacity, so that the companies receive greater earnings per car. They argued that the shippers furnished the material and labour as their share, and the carriers should furnish the transportation.

The carriers answered “that if these goods could be completely boxed as in package freight, then shippers would pay, in addition to the cost of labour and material for casing or boxing, the freight on the weight of the material used at the same rate as on the goods.” They contended that standard box, stock, ventilator, and refrigerator cars, in good repair, will accommodate all the ordinary and usual needs of shippers, and that if more than this is demanded because of the form, nature or peculiar characteristics of the goods tendered for conveyance, some obligation must attach to the shipper in connection with the additional demand.

I do not think, however, that this answer altogether meets the situation, nor covers the conditions involved.

Most of these carload goods are wholly or partially crated or boxed by or at the expense of the shipper. Stoves were instanced as being completely crated, and that this crating was sufficient to enable them to be safely hauled and handled to and from the cars. In reply to a question by the Hon. Mr. Mabee, vol. 129, p. 4861, it was stated that these stoves were reshipped l.e.l., without any additional packing or crating, to the various stove dealers, the dunnage having been used to enable them to be loaded to the required minimum and to protect them from damage in transit in carload lots.

This condition would apply more or less to all classes of merchandise in question shipped in carload lots and requiring dunnage.

The shippers argued further that these things are necessary for the purpose of moving this particular form of traffic; that the railways had recognized this necessity and had made these allowances, and that as a result of the practice, continued for many years, traffic had grown up under it; that it was mutually beneficial to the shippers and railways, and that it should not now be withdrawn.

Mr. Beatty stated at p. 2041, vol. 173, of the evidence, that "it has been admitted by all parties all the way through this inquiry, that no one of them wanted to collect any more or less than was absolutely proper in the circumstances." This statement was not disputed, and may be accepted as the attitude of both the shippers and the carriers.

The question now resolves itself into what is a fair allowance to be made. At present there is an allowance of 1,000 pounds per car. The railways wanted this reduced to 500 pounds, and the shippers were willing to accept 800 pounds, as the maximum. Mr. Walsh, for the Canadian Manufacturers' Association, contended that 800 pounds was a fair average. Mr. Beatty disputed this. No conclusive evidence is on file as to this.

After careful consideration of all the arguments as set forth at the various hearings, and on file with the Board in connection with this matter; and in view of the long-standing practice voluntarily put into effect by the carriers, and the selection of certain commodities upon which, no doubt, because of their peculiar characteristics the carriers felt it was in the interest of traffic to make these allowances; and because these have undoubtedly proved a factor in the wider distribution and more general use of those commodities at a lesser cost to the public, I am of the opinion that some allowance should continue to be made.

If the actual weight were always obtainable I think it should be allowed, but for reasons already pointed out it has been found that this is not always possible.

Under all the circumstances I think the allowance for dunnage should be for the actual weight thereof, subject, however, to a maximum allowance of 650 pounds per car, provided that in no case should less than the established minimum carload rate be charged; this maximum to apply to agricultural implements, machinery, stoves, street cars, and vehicles, as set out in rule 24 of Supplement 7 of the Canadian Pacific's Tariff previously referred to. I see no reason why the same rule should not also apply generally to acid in carboys; also to such other articles as may be shown from time to time to require dunnage protection.

Secondly: allowances to cover variation in tare of cars caused by absorption of moisture, accumulation of ice, snow, etc.

In my opinion, shrinkage in weight due to the inherent nature of the goods should not be charged against the carrier; first, because if the car is loaded to capacity at starting, the carriers haul the full weight a certain distance, and any reduction at the end would be equivalent to giving a certain amount of free tonnage. It cannot be said that the reduction represents the average weight hauled, for this will differ with the condition at time of loading, distance hauled, temperature and general weather conditions; second, and I think more important, the carrier is deprived



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of the full earning capacity of the car. This principle is recognized in section F of rule 8 of Circular No. 1433 of the American Railway Association. I would apply the same remarks to wood-pulp (wet).

On the other hand, I see no reason why any allowance made to cover variation of the tare of cars caused by absorption of moisture, accumulation of ice, etc., should not apply. This will be dealt with farther on.

Bark: The present allowance runs from 500 to 2,500 pounds, depending on the season of the year and the class of car used. These allowances, in the case of open cars, include the racks, with which I deal later. The suspended tariffs made no allowance for car variations, and left the deduction for snow, etc., to the weighman's judgment.

Lumber and other rough forest products: from 500 to 1,000 pounds. In the suspended tariffs the situation (racking omitted) was the same as in the case of bark.

Rule 8, section E of A.R.A. Circular 1433 already referred to is as follows:—

“The tolerance shall be one per cent (1%) of the lading, with a minimum of 500 pounds *on all carload freight*, including coal and coke, except that when ashes, cinders, clay, dolomite, ganister, gravel, mill-scale, ore, sand, slag, all stone (not cut), and similar bulk freight, brick and soft drain tile are loaded in open cars, the tolerance shall be one per cent (1%) of the lading with a minimum of 1,000 pounds.”

It will be seen that under this rule there is an allowance for tolerance upon all carload freight of one per cent (1%) of the lading, subject to a minimum of 500 pounds; while upon certain heavy low-priced commodities, loaded on open cars, the minimum is fixed at 1,000 pounds.

Under this ashes (and I would here call attention to the fact that the tariff does not specify the kind of ashes, but presume wood ashes loaded in box cars is meant), would receive a minimum allowance of 500 pounds against the present allowance of 500 to 1,000 pounds, depending on season. (If furnace ashes are assumed, if loaded in open cars the minimum would be 1,000 pounds.)

Bark, in like manner, when loaded in box cars would receive a tolerance minimum of 500 pounds, and the same for open cars. The present allowance is 500 pounds for box cars, and from 1,000 to 2,500 pounds for flat or gondola cars, the latter, however, including the racks, etc.

Lumber and other rough forest products would also receive a minimum allowance of 500 pounds, when loaded in box cars, against the present absolute allowance of 500 pounds, or when loaded on flat or gondola cars an additional 500 pounds, making a total minimum of 1,000 pounds as against the present maximum of 1,000 pounds.

Wood-pulp (wet) would receive a minimum of 500 pounds compared with the present allowance of 1,000 pounds.

Therefore, in view of the fact that rule E above quoted is general in its application and would do away with all question of discrimination; that it is in general use in the United States, and that it would be in the interest of uniformity of practice, I would adopt it, in lieu of the present allowances, to cover variations in tare of cars caused by absorption of moisture, accumulation of ice, snow, etc.

Thirdly: Perishable freight in box or stock cars lined with lumber by the shipper: Present allowance 1,500 pounds, with an additional allowance of 500 pounds when containing stove and fuel. I think this clearly comes under the first of the two principles cited upon which dunnage allowance is herein based, viz., that dunnage constitutes a part of the carrier's equipment and, as such, is not subject to transportation charges.

Undoubtedly, under the facility clauses of the Railway Act, it is a duty of the carriers to furnish proper cars for the safe and adequate handling and carrying of

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these commodities. I do not think this is disputed by the carriers, as in the tariffs disallowed they make provision for this. I would adopt this rule, which is as follows, as appearing in G.T.R. tariff C.R.C. No. E.2312, rule 10 (c):—

“(c) Allowance will be made for the weight of lumber required to line box cars loaded with perishable freight, in earloads, provided consignor makes declaration on bill of lading at shipping point as to the number of feet so used, such allowance to be computed at 2½ pounds per foot board measure, but not to exceed a weight based on 800 feet board measure, per car. Agent at shipping point will make notation on waybill showing the number of feet so used. An additional allowance of 500 pounds per car will be made for stove and fuel. No allowance to be made when refrigerator cars are used.”

Fourthly: In regard to the “500 pounds per car allowance made for the weight of standards, strips, stakes, supports and temporary racks on flat or gondola cars if loaded with shipments requiring their use, in addition to such allowances as are already provided in their tariff,” apparently there is no dispute, a similar allowance having been made in the disallowed tariffs. It is also the same as rule 19-B of the Official Classification.

Bark, owing to its peculiar physical characteristics of form and weight, when loaded on flat or gondola cars, requires special protection for safety in shipping. The usual practice is to provide for this by means of permanent or temporary racks. The carriers, recognizing this necessity, have provided in their tariffs allowances to cover the weight of these racks. Owing to the fact that tolerance is included in the amounts named, it is a little difficult to decide just what the allowance in the present tariff is.

I have concluded, however, from an analysis of the tariffs that the amount allowed for the weight of permanent racks is 1,000 pounds, and for temporary racks 1,500 pounds, the balance named being for tolerance; the difference in the allowance made between permanent and temporary racks probably being accounted for by the fact that rough temporary racks would weigh more than the permanent racks. In the tariffs disallowed an allowance of 1,000 pounds weight per car was made for temporary racks on flat or gondola cars loaded with shipments of bark. It is evident the carriers recognized that the average weight of these racks is greater than the average weight of standards, strips, stakes, etc., used with the shipment of other forest products.

I am of the opinion that the rule in the disallowed tariffs making an allowance of 1,000 pounds for temporary racks should be adopted, this in addition to the allowance for tolerance.

Where permanent racks are used they should be included in the tare of the car, if not so included the same allowance should be made.

The facts are fully set forth in the judgment of Mr. Commissioner Goodeve, dated September 9, 1919, concurred in by Chief Commissioner Carvell, Assistant Chief Commissioner McLean and Mr. Commissioner Boyce.

COMPLAINT OF THE KILGOUR MANUFACTURING COMPANY, HAMILTON, ONT., *re* GRAND TRUNK RAILWAY CAR RENTAL.

This was a complaint of the Kilgour Manufacturing Company, of Hamilton, Ont., in connection with bills presented by the Grand Trunk Railway Company for car rental which accrued owing to the original charges on the car being held in dispute with the railway company and unpaid by the consignee.

The facts are fully set out in the judgment of Mr. Commissioner Goodeve, dated September 13, 1918, concurred in by Chief Commissioner Drayton.

Held that sufficient facts have not been submitted by the complainants to justify the Board in granting the relief asked for.

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*In re* APPLICATION OF THE QUEBEC, MONTREAL AND SOUTHERN RAILWAY COMPANY TO INCREASE PASSENGER RATES.

This was an application of the Quebec, Montreal and Southern Railway Company for permission to increase from 3.45 cents to 4 cents per mile the rate shown in tariff C.R.C. No. 262 as standard passenger fare between all stations on the company's line in Canada.

The matter came on for hearing at the sittings of the Commission when a large amount of statistical detail was submitted bearing upon the condition of revenues and expenses of the company up to the end of November, 1918. During the year 1918 a very considerable increase in freight revenues was shown, this being due to war conditions, the item of coal tonnage being a matter of importance. In this connection the traffic was not a regular one and it was, therefore, justifiable to have before the Board a situation in which the traffic was more normal, and to consider costs in connection with the handling of such more normal traffic.

The railway has a main line mileage of 191 miles. The application being one relating to passenger fares and concerned with the costs of the passenger traffic, this phase of the situation must have special attention directed to it. At the same time, an analysis of general revenues and expenses is of value as showing the condition of the road.

The railway has not during the last five years or more given any return upon the capital invested in the road. The whole question has been one of whether operating revenues would met operating expenses. It was stated at the hearing that the railway had not at any time made any return upon the capital invested. This being so, in the analysis which is made all reference is omitted to return on capital invested. That is not to say that the latter is not a legitimate factor to consider in connection with rate matters. It manifestly is a legitimate factor. At the same time, it should be pointed out that the contention of the railway did not direct itself to the matter of returns upon capital; it concerned itself with the allegation that there should be a closer approximation between operating revenues and operating expenses. A statement of the investment in the road and equipment submitted by the railway as of September 30, 1918, gives a total of \$7,554,656, being made up of investment in road \$5,634,602, investment in equipment \$1,920,003. Fractional amounts are omitted.

In order to understand the general situation of this line, the period from 1913 is taken. At the hearing, returns were submitted showing the condition by fiscal years down to 1917, and showing an average annual deficit during this period of \$70,000. Figures have also been submitted for the calendar years down to 1918, and detail has been supplied for the first seven months of 1919.

The facts are fully set forth in the judgment of Assistant Chief Commissioner McLean, dated September 17, 1919, concurred in by Deputy Chief Commissioner Nantel, holding that on due consideration of the various factors concerned, the conclusion is unavoidable that the burden of proving that the increase in rate in question is justifiable has been successfully borne by the railway company; and that an order should, therefore, go authorizing the increase in the standard rate, subject to compliance with the terms of the Railway Act.

COMPLAINT OF THE HENDERSON FARMERS' LIME AND PHOSPHATE CO., WOODSTOCK, ONT.,  
*re* RATES ON AGRICULTURAL LIMESTONE.

This was a complaint of the Henderson Farmers' Lime and Phosphate Company, of Woodstock, Ont., against the proposed increase in rates on agricultural limestone. The complainants based their protests on the following facts:—

- 1st. The Railway Companies have been granted four increases in the past two years amounting in all to 60 per cent.

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- 2nd. Such increases have militated against their business to an alarming extent and a further increase will simply close their plant altogether.
- 3rd. The rates at present in force are out of proportion to the value of the goods.

By Order No. 28073, dated February 5, 1919, and upon it appearing that a similar advance in rates to that involved in this application was proposed from Beachville, Ont., provision was made for the suspension of Grand Trunk Railway Company's Supplement No. 16 to Tariff C.R.C. No. E-4024, and the cancellation of item 195 in the Canadian Pacific Railway Company's Supplement No. 14 to Tariff C.R.C. No. E-3551.

The matter was subsequently set down for hearing in Toronto and was also heard at a later date in Ottawa to consider, *inter alia*, additional evidence put in by Mr. Walsh on behalf of the Canadian Manufacturers' Association. Evidence was also given by Mr. Essery for the Crushed Stone, Limited, of Kirkfield, Ont.

Since the final hearing, additional communications have been submitted both by the Crushed Stone, Limited, and by the Henderson Farmers' Lime and Phosphate Company. Communications have also been received from the railways. The matter is now ripe for judgment.

On February 15, 1918, there was a hearing in Toronto on the application of the Henderson Farmers' Lime and Phosphate Company, of Woodstock, Ont., for lower rates on agricultural stone dust, in carloads, from Beachville, Ont., to various points, than the commodity rates then in force.

Judgment in this matter issued holding that the existing rate basis was found not to be unreasonable, and Order No. 27378 issued in due course. Detail as to the nature and use of agricultural limestone is set out in the judgment.

Held, Assistant Chief Commissioner McLean, in his judgment, dated October 1, 1919, concurred in by Deputy Chief Commissioner Nantel and Commissioners Goodeve and Rutherford, that the further increases proposed had not been justified.

APPLICATION OF THE NEW BRUNSWICK RAILWAY COMPANY TO CONSTRUCT TWO INDUSTRIAL SIDINGS, TEMISCOUATA RAILWAY.

This was an application of the New Brunswick Railway Company, operated by the Canadian Pacific Railway Company, under sections 222, 227 and 237 of the Railway Act, to construct two industrial sidings at Mileage 56.8, Edmundston Subdivision, in the town of Edmundston, N.B., and in doing so, it will be necessary to cross the main line of the Temiscouata railway at that point, to reach the pulp-mill of the Fraser Companies, Limited, situate about half a mile west of the proposed crossing.

The facts are fully set out in the judgment of Chief Commissioner Carvell, dated October 3, 1919, concurred in by Assistant Chief Commissioner McLean, Deputy Chief Commissioner Nantel, and Mr. Commissioner Rutherford.

Held that the applicants have the right to cross the tracks of the Temiscouata under the direction and to the satisfaction of the Chief Engineer of the Board, reserving to the Board the right, at any future time, to make any additional order for the protection of trains or the public at this particular point. Held, further, that the cost of placing the diamond should be borne by the applicant company.

COMPLAINT OF THE CANADIAN MANUFACTURERS ASSOCIATION *re* GENERAL ORDER NO. 162.

Complaint was made by the Canadian Manufacturers' Association that the conditions of contract with telegraph companies imposed no obligations or penalties for failure to transmit messages received by the company for transmission, and provision was sought (by amendment to the conditions of traffic sanctioned by Board's Order

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No. 162, of the 30th March, 1916) for the imposition of penalties for non-delivery, in such cases as are due to gross negligence of the telegraph company, even though the message is not repeated.

The whole wide question of the liabilities attaching to telegraph companies, involving the point complained of, was fully considered by the Board upon the application which resulted in the order above referred to (No. 162). The question was further, incidentally, considered by the Board on the application of the Great North Western Telegraph Company, the Canadian Pacific Railway Company's Telegraph, and the Grand Trunk Pacific Telegraph Company, for an order approving conditions varying those approved by the Board by Order No. 162, the object of such application being to vary the conditions so sanctioned in a manner which would more fully relieve the telegraph companies from liability, to sender or addressee, whether from negligence or otherwise, in respect of receipt, transmission, and delivery of messages.

The facts are fully set out in the judgment of Mr. Commissioner Boyce, dated October 7, 1919, concurred in by Chief Commissioner Carvell, Assistant Chief Commissioner McLean, and Deputy Chief Commissioner Nantel, dismissing the complaint.

APPLICATION OF CITY OF TORONTO *re* APPORTIONMENT OF COST OF ALTERATIONS TO MAINS OF CONSUMERS' GAS COMPANY, OF TORONTO.

This was an application of the corporation of the city of Toronto for an order apportioning the cost of alterations to the mains of the Consumers' Gas Company, of Toronto, necessitated by the construction of subways at Yonge street, Avenue road, Bathurst street, Davenport road, Howland avenue, Spadina road, Shaw street, Christie street, Dovercourt road and Ossington avenue, in connection with the North Toronto grade separation work.

The facts are fully set out in the judgment of Chief Commissioner Carvell, dated October 16, 1919, concurred in by Assistant Chief Commissioner McLean, Deputy Chief Commissioner Nantel, and Mr. Commissioner Goodeve.

Held that the work in question was simply a matter of contract between the two corporations, and that the Board, therefore, should not interfere after the matter had been closed to force the Consumers' Gas Company to repay moneys which were paid to them by contract and even after a discussion had arisen between the respective parties as to their right to a contribution from the Consumers' Gas Company, should the Board so desire, and that the application should be dismissed.

COMPLAINT OF THE WOODSTOCK BOARD OF TRADE, *re* RATE ON COAL, CANADIAN PACIFIC RAILWAY.

This was a complaint made by the Woodstock Board of Trade, N.B., against the rate charged by the Canadian Pacific Railway Company on coal from Minto, N.B.

The matter was heard at the sittings of the Board held in St. John on July 22, 1918, and at the hearing not only were the coal rates from Minto attacked, but also coal rates from Bangor to Woodstock. Subsequent to the hearing the Hartt Boot and Shoe Company, of Fredericton, intervened, as well as the Canadian Manufacturers' Association on behalf of the Hartt Company; and at the request of the Association, who desired to go further into the matter, the matter was held over for subsequent disposition.

The facts are fully set out in the judgment of Assistant Chief Commissioner McLean, dated August 21, 1919, concurred in by the Deputy Chief Commissioner Nantel and Mr. Commissioners Goodeve and Boyce.

Held that while the Fredericton Grand Lake Coal and Railway Company was to be a work for the general advantage of Canada its corporate entity was not eliminated, and that consequently the interline movement as between the Fredericton Company and the Canadian Pacific Railway Company must be treated as a two-line haul.

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Held, further, that when the provisions of the Railway Act as to the filing of standard tariffs had been complied with and joint rates had also been put in, that the matter would be gone into further, and that if the rates so filed did not satisfactorily take care of the situation, the Board would afford an opportunity for a further hearing.

COMPLAINT OF ROBERT PATTERSON, STAMFORD, ONT., *re* GRAND TRUNK RAILWAY CHARGES ON SAND AND GRAVEL.

This was a complaint of Robert Patterson, of Stamford, Ont., against the charge of 50 cents a ton on sand and gravel from his pit in Stamford to Niagara Falls, Ont., imposed by the Grand Trunk Railway Company.

It was pointed out, on behalf of the complainant, that the old rate had been 20 cents per ton, and had been in effect for some fifteen years; and that this rate had been increased to 50 cents per ton, making it prohibitive for them to do business at this rate. The Grand Trunk Company did not dispute the fact but pointed out that the increases had been the result of general increases throughout the country necessitated by the increased cost in transportation. It was shown that there had been two increases of 5 cents each brought about by the Eastern Rate and the Fifteen Per Cent cases, bringing the rate up to 30 cents per ton. The last increase of 20 cents a ton being under P.C. Order 1863 of July 27, 1918, Tariff C.R.C.E.-3986, August 12, 1918.

The facts are fully set out in the judgment of Mr. Commissioner Goodeve, dated October 24, 1919, concurred in by Assistant Chief Commissioner McLean and Mr. Commissioner Boyce, holding that a case had not been made out for the reduction asked for.

COMPLAINT OF MESSRS. BLACK & SON, OF BELLEVILLE, ONT., *re* EXPRESS COLLECTION AND DELIVERY IN BELLEVILLE.

This was a complaint of Messrs. Black & Son, of Belleville, Ont., relative to express collection and delivery limits in the city of Belleville, the complaint being that whereas until recently the express company, under an arrangement with an independent carter paid by them, collected the fish boxes of the complainant when ready, from the dock at Belleville, day or night, and carted them, free of charge, to the depot and loaded them on the trains for market points, that this arrangement had been discontinued as to collection after 5 p.m. daily, after which hour the waggon service must be performed at the expense of the shipper (complainant) or the fish must remain where it was until the next morning's collection, and suffer the deterioration in quality and value of twenty-four hours delay.

The facts are fully set out in the report of Mr. Commissioner Boyce, dated October 27, 1919, concurred in by Chief Commissioner Carvell, Assistant Chief Commissioner McLean, Deputy Chief Commissioner Nantel and Mr. Commissioners Goodeve and Rutherford, recommending that the complaint be dismissed.

*Re* TRAIN SERVICE ON THE QUEBEC, MONTREAL & SOUTHERN RAILWAY — SHORE DIVISION.  
*Judgment, Assistant Chief Commissioner McLean, dated October 28, 1919, concurred in by Deputy Chief Commissioner Nantel.*

The Quebec, Montreal and Southern Railway Company has as one portion of its system a line down the south shore of the St. Lawrence from Montreal to Fortierville, a distance of 115 miles. The mileage from St. Lambert to Fortierville is 109.6 miles. From St. Lambert, the railway has trackage arrangements into the city. From St. Lambert to Sorel is 44.5 miles, while from Nicolet the distance is 76 miles.

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Up to 1918, the passenger service on the Shore Division consisted of two daily trains running mornings and evenings between Montreal and Nicolet; two daily trains also ran from Nicolet to Montreal morning and evening. A local mixed completed the run between Nicolet and Fortierville at the other end of the line.

From the 1st of January, 1918, the Sunday service was cancelled. Again in April, 1918, the company further reduced its service by cancelling the morning train from Montreal and the evening train from Nicolet.

Upon the application of the Chamber of Commerce of Sorel, the Board ordered the restoration of the train service in effect prior to January, 1918, between Montreal and Sorel, such service to be put into effect on the 10th day of June, 1918; Order No. 27254 issued the 26th day of May, 1918.

A subsequent order dated June 7, 1918, No. 27286, authorized the discontinuation of the Sunday train service in effect prior to January 1, 1918.

On the 17th August, 1918, the company applied to the Board for permission to withdraw trains Nos. 2 and 3, that is the morning train leaving Montreal and the evening train leaving Nicolet, such withdrawal to take effect on the 1st of September, 1918.

The reasons alleged by the company were that the traffic did not justify two trains a day, and that they needed the fuel, the power and the crews for more essential traffic elsewhere, meaning the southern division.

Before the application could be argued before the Board, the company found itself short of men on account of the influenza epidemic, and was allowed, pending a formal hearing, to withdraw its trains Nos. 2 and 3.

During the Christmas and New Year seasons of 1917 and 1918 the service was, on the request of the Board, temporarily reinstated.

A hearing took place at which much statistical detail was submitted in connection with the application of the railway to increase its rates. The statistical detail submitted bearing on the cost of operation of necessity had an important bearing upon the propriety of directing a change in the train service.

As pointed out in the judgment in the Passenger Rate Case, it had seemed proper to allow determination of this matter to stand until it was apparent whether the exceptional costs of operation which attached to the war period constituted a temporary or more enduring condition, and the result was that for the seven-month period ending July 1919, it was abundantly apparent that the costs of operation were continuing on a higher level; and this is evidenced by the fact that during the period in question it took, on the average, 147 cents of expenditure to earn \$1 of revenue. The question whether the Board is justified in directing a re-arrangement which will add to the service now existing must be tested in terms of the operating conditions facing the road.

The railway must as a condition of operating as a railway carrying freight and passengers afford a minimum of service, even although the result of this is operation at a loss. The service which is now rendered by the railway in connection with the carrying of passengers appears to me, however, to have carried the reduction down to the minimum, and I do not see, as at present advised, how it would be justifiable to have any further reduction. Since, however, the railway is on its present freight and passenger operations spending much more than \$1 to earn \$1 of revenue, and since, as pointed out in the Judgment in the Passenger Rate Case, it is not in terms of the analysis there used earning on its passenger business its proportionate amount of cost, it follows that before directing an increase in the passenger service over the minimum now rendered, the Board should be satisfied as to whether the additional cost would be recouped.

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The service as it existed prior to 1918 was as follows in regard to the movement from Nicolet to Montreal:—

*Westbound.*

No. 1—Daily, except Sunday; leave 6.20 a.m., arrive Montreal 9.15 a.m.  
No. 3— " " " " 2.55 p.m. " " 6.15 p.m.

*Eastbound.*

No. 2—Daily, except Sunday; leave Montreal 8 a.m., arrive Nicolet 11.20 a.m.  
No. 4— " " " " 5.30 p.m., arrive Nicolet 8.30 p.m.

*Sunday.*

No. 8—Eastbound, leave Montreal 8.25 a.m., arrive Nicolet 11.34 a.m.  
No. 7—Westbound, leave Nicolet 3 p.m., arrive Montreal 6.15 p.m.

The service between Fortierville and Nicolet was as follows:—

*Westbound.*

No. 9—Mixed; leave Fortierville 6 a.m., arrive Nicolet 8.30 a.m.

*Eastbound.*

No. 10—Mixed; leave Nicolet 5 p.m., arrive Fortierville 7.30 p.m.

The service now rendered between Nicolet and Montreal is as follows:—

*Westbound.*

No. 1—Daily, except Sunday; leave Nicolet 6.30 a.m.; arrive Montreal 9.45 a.m.

*Eastbound.*

No. 4—Daily, except Sunday; leave Montreal 6 p.m.; arrive Nicolet 9.20 p.m.

The service between Fortierville and Nicolet is as follows:—

*Westbound.*

No. 9—Mixed; tri-weekly, Monday, Wednesday and Friday; Leave Fortierville 6 a.m.; arrive Nicolet 8.30 a.m.

*Eastbound.*

No. 10—Mixed; tri-weekly, Tuesday, Thursday and Saturday; Leave Nicolet 5 p.m.; arrive Fortierville 7.30 p.m.

What is in effect desired by the municipalities concerned is the reinstatement of trains Nos. 2 and 3, and in general, replacing the service as it was in 1917. On the other hand, this is objected to by the railway from the standpoint of expense.

Every curtailment of service of necessity raises objection. Where it is possible to have frequent service—the highest type of convenience—this is very satisfactory to the public and by encouraging travel reacts advantageously upon business, and no doubt is a factor of importance in developing through travel and social intercourse the amenities of life. At the same time it must be recognized that all this must be paid for, and if the service desired is of such a type as cannot be met out of the revenues of the company this must be given due weight by the regulative body.

The test of what the reinstatement of the 1917 service would mean can be checked out by checking train-mile costs.

In the hearing at Montreal, computations were submitted analyzing operating costs. While freight and passenger revenues are readily reported under separate headings, the subdivision of operating cost between freight and passenger business must of necessity, to a certain extent, be a matter of computation. Certain items may be allocatable directly; other items cannot be so allocated.

In an exhibit filed by the Quebec, Montreal and Southern Railway Company, it was pointed out that the train mileage basis was arrived at by adding to the passenger train mileage one-third of the mixed train mileage, the resulting sum of passenger train mileage amounting to 53 per cent of the total train mileage. Train mileage may be regarded as affording one reasonable index of cost. The passenger train-mile cost of \$2.77, later referred to, is as pointed out, the computation arrived at in the exhibit referred to.



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The round trip from St. Lambert to Fortierville is 218 miles. As already pointed out, St. Lambert is the point where the Quebec, Montreal and Southern tracks stop and is 6.2 miles from Montreal. The service, which it is asked should be reinstated, would mean additional train mileage of 218 miles per day. If the service on the old schedule were reinstated for six days a week the train mileage involved would be 68,234. Adding a Sunday service, the additional train mileage for 52 days a year from Nicolet to St. Lambert would be 7,904.

In exhibit 5, filed at the hearing, a computation was given that for the first eleven months of 1918 the passenger train-mile cost was \$2.77. Taking this basis, the 68,234 passenger train miles required for the daily service, exclusive of Sundays, would have a cost of \$189,008. The business of the road is concerned with short hauls. For 1913 to 1918, the average passenger journey in miles ran from 21 and a fraction to 23 and a fraction. During the same period, the average fare received from each passenger ran from 55 cents to 61 cents.

Since, in 1918, the average amount paid by each passenger was 61 cents, the number of additional passengers it would be necessary to carry in order to meet the train-mile cost involved will be obtained by dividing this train-mile cost, as above given, by 61. This gives a total of 310,013 passengers it would be necessary to carry to offset the cost. Adding to the passenger train mileage for week days the 7,904 passenger train-miles for Sundays would give a total of 76,138 passenger train-miles. At the average cost of \$2.77, as given, this would give a cost of \$210,902, which, divided by 61, would give the total number of additional passengers it would be necessary to carry in order to meet this increased cost. The number is 345,737.

In the figures submitted in exhibit 5, as referred to, it was set out that against the passenger train-mile costs of \$2.77 there were actual passenger train-mile earnings for the eleven months ending November, 1918, of \$1.63. If these figures are taken as characteristic, there would be the following result from the additional train service recommended:—

|  |           |
|--|-----------|
| Passenger train-mile costs. . . . .    | \$210,902 |
| Passenger train-mile earnings. . . . . | 124,104   |
|  | \$ 86,798 |
| Deficit. . . . .                       |           |

If, instead of taking the figure of \$2.77, an average figure of \$2 per train-mile is taken, as a test suggested by the Board's Chief Operating Officer, there would be an additional train-mile cost for a service of six days a week of \$136,468. This at average receipts per passenger of 61 cents would require the carriage of 223,717 passengers additional to offset the increased cost. If a Sunday service were included, this would require in addition, on the same bases, 25,914 passengers.

As bearing on the possibility of an increase in passenger business sufficient to recoup the additional costs involved, it may be noted that the highest figure in respect of passengers carried in the period 1913-18 was in 1917, when 273,127 passengers were carried. The figures are for the years ending June 30. The average for the period was 254,922, while the absolute figure for 1918 was 243,371.

Carrying the analysis back for the period 1908-12, the highest figure in that period was in 1910, when 280,584 passengers were carried. The average for the period was 249,770.

The figure of \$1.63 per passenger-mile in 1918 is not a conclusive test of the volume of business and its return. The extent to which this exceeds that obtaining in 1917 is in great degree due to the reduction in passenger train-miles in 1918, affording, in consequence, a smaller divisor in striking the average passenger-mile earnings. The year 1917 had in force the service which it is now desired should be reinstated.

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For the calendar years 1917 and 1918 the following statements as to gross earnings from passenger train service are available:—

| Passenger Revenue.                      | 1917.               | 1918.               |
|---|---------------------|---------------------|
| Tickets . . . . .                       | \$162,608 14        | \$132,039 13        |
| Excess baggage . . . . .                | 1,103 32            | 976 34              |
| Mail . . . . .                          | 5,264 75            | 5,181 99            |
| Express . . . . .                       | 13,815 57           | 15,869 73           |
| Other passenger train revenue . . . . . | 255 50              | 114 90              |
| Milk . . . . .                          | 182 24              | 114 09              |
| Total passenger train revenue . . . . . | <u>\$183,229 52</u> | <u>\$154,296 18</u> |

Notwithstanding the larger volume of passenger revenue in 1917 and notwithstanding the larger part played in that year by other receipts incidental to passenger train movement, the passenger train-mile earnings for the year were only \$1.19. It is not unfair to take this as an approximate criterion of the earning power, under a reinstatement of the 1917 service.

Putting the matter in a summary way, to meet the additional train-mile costs computed on a basis of \$2 per passenger train-mile, it would necessitate the railway, on the basis of a six day a week service, and including the number carried in 1918, having to carry a total of 467,088 passengers; and the inclusion of a Sunday service and the offsetting of its costs would necessitate adding 25,914 to this. As against these figures, attention may again be drawn to the fact that the largest passenger movements during a ten-year period were in 1917 and 1910, when the figures were 273,127 and 280,584, respectively.

On the analysis as made, it does not appear how there can be a sufficient increase in passenger business, taking into consideration the volume, average haul and average receipts per passenger, to take care of the cost the additional service would necessitate. It is further to be borne in mind that the computations do not take into consideration any profit on operation. If an operating ratio of 75 per cent is taken—and this has in various connections been taken as a reasonable operating ratio under present conditions—the result would be to add one-third to the necessary takings. The fact that the railway instead of having an operating ratio of 75 per cent has one of 147 per cent does not justify disregarding a more normal situation.

The case for reinstatement of the train service as it was in 1917 has been earnestly pressed. Especial stress has been laid on the reinstatement of the services afforded by trains 2 and 3, referred to above. It may readily be that under more normal conditions both as to revenue and expenditure, the existing train service might be held to be one which would not satisfactorily take care of the traffic.

The matter of the earnings of trains 2 and 3 may be measured in another way from the standpoint of the relation between the out-of-pocket costs of the service and the earnings obtained. In the case of service on the Grand Trunk between Sherbrooke and Coaticook (Board's file 27563.10), a situation was developed where (a) the need for the retention of the existing service was established, (b) the earnings were slightly in excess of the out-of-pocket costs, exclusive of any return to overhead costs.

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Applying the same method as used in the above case, the round trip costs for the service performed by trains 2 and 3 on the Quebec, Montreal and Southern Railway would, as checked by the Board's Operating Department, be as follows:—

|  |          |
|--|----------|
| Wages of trainmen . . . . .                      | \$ 14 33 |
| Wages of enginemen . . . . .                     | 14 59    |
| Overtime for station agents, estimated . . . . . | 4 72     |
| Fuel for locomotive, 4 tons at \$5.83 . . . . .  | 34 98    |
| Lubricants . . . . .                             | 0 56     |
| Supplies . . . . .                               | 0 71     |
| Water . . . . .                                  | 4 04     |
| Handling . . . . .                               | 11 17    |
| Repairs, engine . . . . .                        | 41 04    |
| Rental . . . . .                                 | 4 90     |
| Car repairs . . . . .                            | 0 80     |
| Car rentals . . . . .                            | 20 00    |
|  | \$151 84 |

The latest figures obtainable for the earnings of the trains in question are for the years 1915 and 1916. In 1915, train No. 2 earned 80 cents per passenger train-mile, while No. 3 earned 63 cents. This would give the following figures:—

|                                 |          |
|---------------------------------|----------|
| Train No. 2, earnings . . . . . | \$ 60 80 |
| “ “ 3, “ . . . . .              | 48 48    |
| Total for round trip . . . . .  | \$109 28 |

For the year 1916, the figures are 72 cents and 86 cents, respectively, giving the following totals:—

|                                 |          |
|---------------------------------|----------|
| Train No. 2, earnings . . . . . | \$ 54 72 |
| “ “ 3, “ . . . . .              | 61 92    |
| Total for round trip . . . . .  | \$116 64 |

With out-of-pocket expenses \$151.84, the deficit on 1915 figures would be \$42.56 daily, or \$255.36 per week.

On 1916 figures, the deficit would be \$35.20 daily, or \$211.20 per week.

In the figures as to out-of-pocket expenses as given, maintenance of equipment is included. To get at the other expenses necessary to keep the road in operation, without any payment by way of interest or dividends, the following details are available for 1918:—

|   |           |
|---|-----------|
| Maintenance of way and structures . . . . . | \$202,718 |
| General expenses . . . . .                  | 36,287    |
| Taxes . . . . .                             | 8,263     |
| Total . . . . .                             | \$247,268 |

In order to obtain the necessary allocation for expenses attaching to passenger business, and for the reasons explained in the judgment dealing with the standard passenger fares of the railway, 28 per cent of this total is taken as representing passenger overhead expense, or a total of \$69,235. The mileage between Nicolet and St. Lambert is 37 per cent of the total mileage of the system. This percentage of the allocated passenger expense above given amounts to \$25,616, and on a daily basis this would amount to \$70 per day.

As pointed out, on 1916 figures trains 2 and 3 would fall short by \$35.20 of meeting out-of-pocket costs. Charging one-half of the overhead expenses against trains 2 and 3, there being two other trains, 1 and 2, in operation, this would give a sum of \$35 to add to the deficit in respect of meeting out-of-pocket costs.

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After most careful consideration of the various factors pertinent, I am unable to see how the service, on what is before us, can be reinstated, without a further increase in the already large operating deficit.

As pointed out in the judgment dealing with standard passenger rates on the Quebec, Montreal and Southern Railway, the Board has been receiving monthly statements of the operations of this road with a view to ascertaining what, if any, improvements have arisen on changed conditions. As pointed out in the judgment in question, changed conditions have not brought about decreased costs; rather the situation is that with a diminution in certain lines of general traffic which developed in connection with war activities, there has at the same time been an increase in the operating costs. The monthly statements with which the Board has been supplied are to be continued by the railway and the Board will obtain such additional information as may seem necessary; and if, on consideration of the information so filed, it appears to the Board that conditions have so improved as to warrant an increase in the train service the Board will then act of its own motion.

COMPLAINT OF RESIDENTS OF WILBERFORCE, ONT., *re* CANADIAN NATIONAL RAILWAY TRAIN SERVICE.

This was a complaint of the residents of Wilberforce, Ont., and outlying districts, and others, that the Canadian National Railways (Irondale, Bancroft and Ottawa branch) intended to run only three trains weekly in place of a daily service as heretofore after October 5, 1919.

It appeared that the Irondale, Bancroft and Ottawa Railway, a subdivision of the Canadian National Railways, was formerly a separate railway. The last separate report for it as a distinct railway is contained in the statistics of the Department of Railways and Canals for the year ending June 30, 1914. Subsequent to that date, the line was acquired by the Canadian Northern Railway.

The line extends from the junction with the Grand Trunk Railway near Kinmount station to the junction with the Central Ontario Railway a distance of 51.9 miles.

The report for 1914 showed, in round figures, total earnings of \$32,000. Of this, the passenger earnings represent 29 per cent. The road was operated at a deficit, the operating ratio being 112 per cent. The gross earnings per mile were \$633; the average passenger journey was 16 miles. The tonnage carried averaged 597 per mile.

The facts are fully set forth in the judgment of Assistant Chief Commissioner McLean, dated November 10, 1919, concurred in by Chief Commissioner Carvell and Deputy Chief Commissioner Nantel, holding that under the circumstances the tri-weekly service, though unsatisfactory in many ways, would have to be allowed. Held, further, that the railway company keep monthly statements of receipts and expenditures to be filed with the Board not later than April 15, 1920, so that the question of whether there is any change of conditions which would justify the re-installation of the daily service might be then gone into.

*Re* GRAND TRUNK RAILWAY COMPANY AND BERLIN MACHINE WORKS, LIMITED, OPERATION OF SIDINGS.

The question before the Board was the consideration of an agreement between the Grand Trunk Railway Company and the Berlin Machine Works, Limited, of Hamilton, Ont., in respect of the operation over the sidings or spurs located on the lands of the Berlin Machine Works, Limited, and owned by the applicants.

It appeared that both the Grand Trunk and the Toronto, Hamilton and Buffalo Railway Companies had been operating the sidings in question, and it was stated that the Berlin Machine Works, Limited, had declined to enter into an agreement.

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An application was made by the railways in question to discontinue operating over the sidings in question. Just how the operation began is not clear. The Berlin Machine Works, Limited, stated that the operation upon the sidings with the lands of the Berlin Machine Works, Limited, had been conducted under the terms of Order No. 4844 of April 24, 1908; and it is stated, further, that the siding within the works of the Berlin Machine Works, Limited, had been constructed in pursuance of the said order.

In the original hearing on April 24, 1908, it was set out by Mr. Cowan for the Grand Trunk that at the time the application was launched it was the intention of the Grand Trunk to build a siding, as shown on the plan filed, into the Berlin Machine Works, Limited, but that since the application was launched the Berlin Machine Works, Limited, had decided to construct the tracks and sidings on their own property and to use their own engines and do their own switching. The Grand Trunk, therefore, desired to withdraw that portion of the application which was concerned with the construction of the siding into the Berlin Machine Works, Limited, and asked leave to construct a siding off its own line over the Toronto, Hamilton and Buffalo to the limits of the land of the Berlin Machine Works, Limited. It was stated that this was satisfactory to the Berlin Machine Works, Limited, and it was also satisfactory to the Toronto, Hamilton and Buffalo, and the Grand Trunk stated that when these tracks were constructed on the property of the Berlin Machine Works, Limited, the Grand Trunk, if the Berlin Machine Works, Limited, so desired, was willing to operate over them.

Following this, Order No. 4844, of April 24, 1908, issued. The order recited, as has already been set out in the reference to the evidence, that the Grand Trunk withdrew the portion of the application respecting the construction of the branch line and sidings on the property of the Berlin Machine Works, Limited. The order authorized the construction of the Grand Trunk spur up to the dividing line between the lands of the Grand Trunk and the lands of the Berlin Machine Works, Limited. Nothing is contained in the order as to operation of the sidings of the Berlin Machine Works, Limited. The matter was brought before the Board to determine the terms of an agreement.

The facts are fully set out in the judgment of Assistant Chief Commissioner McLean, dated November 10, 1919, concurred in by Chief Commissioner Carvell, Deputy Chief Commissioner Nantel, and Mr. Commissioners Goodeve and Boyce, holding that a clause should be added to the agreement providing for a situation where the Berlin Machine Works, Limited, may desire to make an arrangement for an additional railway to use its tracks, such situation to be covered by the following clause:—

“The Berlin Machine reserves the right to enter into an agreement or agreements identical herewith with any other railway or railways.”

The Board further reserved the right to the railway companies to apply to it for settlement of any disputes in connection with such clauses that the parties were unable to agree upon.

APPLICATION OF THE QUEBEC, MONTREAL AND SOUTHERN RAILWAY COMPANY *re*  
ORDER NO. 28339.

This was an application of the Quebec, Montreal and Southern Railway Company to the Board that Order No. 28339 issued on October 1, 1918, be made permanent instead of between the 31st October and the 1st May following in each year. The order in question provided as follows:—

“*It is ordered:* That the Quebec, Montreal and Southern Railway Company be, and it is hereby, required (1) to arrange its time table so as to extend its

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mixed train now due to arrive at Noyan Junction at 7.30 p.m. daily except Sunday through to Lacolle Junction, showing it to arrive at 8 p.m.; and its mixed train now due to leave Noyan Junction at 5.50 a.m. to leave Lacolle Junction at 6.35 a.m. and Noyan Junction at 7 a.m., arriving at Iberville at 8.20 a.m.; and (2) to arrange with the Grand Trunk Railway Company (a) to operate the said trains between Noyan Junction and Lacolle Junction at the times specified, (b) to honour tickets on such trains to and from Lacolle Junction, and (c) to sell tickets at Lacolle Junction to points on the Quebec, Montreal and Southern Railway."

This was subsequently amended by Order No. 27864 of November 19, 1918, which provided,—

*"It is ordered:* That the said order of the Board No. 27741, dated October 1, 1918, be, and it is hereby, amended by striking out the figures "6.35," "7" and "8.20" in the seventh and eighth lines of the operative part of the order and substituting therefor the figures "8.00," "8.30" and "10.00."

At the time the report was made, the Quebec, Montreal and Southern Railway Company ran their freight trains from Noyan Junction to Rouses Point, using the Grand Trunk Railway from Noyan Junction to Lacolle Junction and their own line (Napierville Junction Railway) from Lacolle to Rouses Point. It was pointed out by the Quebec, Montreal and Southern Railway Company that this movement was due to the fact that it had no satisfactory terminal facilities at Noyan Junction. It was submitted by the Chief Operating Officer that the service could be given by the Quebec, Montreal and Southern Railway Company making provision on their present mixed train through to Lacolle Junction as against terminating at Noyan Junction, and picking up passengers at Lacolle Junction in the opposite direction. The matter, generally, was put on the ground that the service could be performed without any additional cost, it being pointed out that no additional equipment would be required as the train carried the equipment through, it being set out that there would be no extra coal or other expenses and no additional train or car-miles involved.

The reason for this service was set out in the Chief Operating Officer's report of September 18, 1918.

The facts are fully set out in the judgment of Assistant Chief Commissioner McLean, dated November 12, 1919, concurred in by Deputy Chief Commissioner Nantel and Mr. Commissioners Goodeve and Boyce, holding that as the engine does not go through to Rouses Point the justification for the order has passed and that it be rescinded.

#### SECTION 345 OF THE RAILWAY ACT.

*Memorandum by Chief Commissioner Carvell, dated November 12, 1919, concurred in by Assistant Chief Commissioner McLean.*

After having considered this section very carefully, I have come to the conclusion that the whole purport of the section was to give to the railway companies, within certain limits, the right to carry traffic at free or reduced rates; and to such classes of persons and, in some cases, individuals, as the companies may decide upon, subject in certain cases to the approval and permission of this Board. The whole section is preceded by the following words: "Nothing in this Act shall be construed to prevent." It then refers to five specific classes of persons and a careful examination shows that there is no great change between the present Act and its predecessor, excepting that in sub-clauses (a) and (c) a limitation is placed upon the power of the railway companies and in sub-clauses (d) and (e) an extension is provided for.

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Under clause (a) the most which the railway companies can do towards reduced fares for ministers of religion, etc., is to carry them at one-half the regular fare, and in clause (c) the most they can do for members of the provincial legislatures is to carry them free within points in the province to which they belong. It is not clear whether members of the press can be carried free beyond the province in which they reside, but as there is no comma after the word legislatures, and nothing to designate a difference in the two classes, I am rather inclined to the opinion that the limiting words "between points within the province" apply to the latter as well as to the former. Clause (c) also extends the privilege to dependent members of the families of any persons who are entitled to free transportation under section 346 of this Act, and clauses (d) and (e) also extend the right to employees of the Department of Railways and Canals and to the Governor General and staff, etc.

This narrows the question down to the interpretation of the last line of clause (c), viz., "or to such other persons as the Board may approve or permit," and to the proviso immediately following sub-section (e), both of which are to be found in the previous Act. These words evidently mean something, and it is my opinion that a railway company may decide to grant the privilege of free or reduced transportation to any person, or class of persons, subject always to the approval or permission of the Board, and also subject to the proviso herein referred to, which, in my opinion, is a regulating power rather than an enacting one.

To apply this opinion specifically to the request made by the Canadian Railway War Board under date of October 16 last, it would seem to me that the railways would have a right, subject to our approval or permission, to grant free or reduced transportation to those parties mentioned in clauses (b), (d) and (e) as well as to all others. Thus, if the railway companies decide to grant free transportation to the immigration and customs officials of the United States, to the families or former and deceased employees of the railways, and the families of former employees of transportation companies, then, if this Board approves or permits, they will be within the law in granting such transportation.

I am not so clear as to the real intention of Parliament with reference to the proviso hereinbefore referred to because, taken in its general sense, we are given the right to extend, restrict, limit, or qualify the carriage of traffic by the companies as provided under this section, but I have come to the conclusion that this is only meant as a regulating clause and our powers are restricted to extending, restricting, limiting, or qualifying what the companies may propose to do and, therefore, gives us no originating jurisdiction; but when the railway companies come to us asking that certain persons or classes of persons be given the privilege of free transportation, we would have the right to extend, restrict, limit, or qualify the same. If I am right in my general interpretation of the clause, then I think we have the power either to approve or disapprove of all the requests made by the Canadian Railway War Board in their letter of the 16th of October hereinbefore referred to, and, as they seem to me to be proper requests, I am in favour of approving the same and permitting the issuing of transportation as requested.

## COMPLAINT OF MESSRS. O'REILLY AND BELANGER, LIMITED, AND GRAND TRUNK RAILWAY.

This was an application made by Messrs. O'Reilly and Belanger, Limited, coal merchants, for an order under sections 312, 316, 317, 319 and 320, directing the Grand Trunk Railway Company to provide reasonable and proper facilities for the unloading, handling, storing and delivery of the applicant's coal at the coal trestle erected upon the lands of the said Grand Trunk Railway Company, in its station yards at Isabella street, Ottawa; and for a mandatory order directing the said railway company

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to forthwith terminate a certain agreement, or lease, in respect to said coal trestle, bearing date October 25, 1916, and made between the said railway company and the Coal Trestle Company, Limited.

The complainants alleged undue discrimination in the matter of proper facilities for the unloading, handling, storing and delivery of the applicant's coal at the coal trestle upon the lands of the Grand Trunk Railway at Isabella street, Ottawa; and asked the Board for an order to forthwith terminate a certain agreement, or lease, bearing date of October 25, 1916, and made between the said railway company and the Coal Trestle Company, Limited.

The facts are fully set out in the judgment of Mr. Commissioner Goodeve, dated December 10, 1919, concurred in by Deputy Chief Commissioner Nantel and Commissioner Boyce, holding that no case of discrimination had been made out against the Grand Trunk Railway Company, and that the Board had no jurisdiction to fix the terms of rental with the Coal Trestle Company, Limited, or to compel the Grand Trunk Railway Company to cancel its agreement with the Trestle Company.

APPLICATION OF THE VILLAGE OF EDAM, SASK., AND C.N.R.

This was an application of the council of the village of Edam, in the province of Saskatchewan, for a crossing over the line of the C.N.R., at a point leading from the southeast corner of the townsite to the quarter pits on the road allowance running north and south between sections 31 and 32-48-19, half a mile west of the village of Edam.

The facts are fully set out in the judgment of Mr. Commissioner Goodeve, dated December 17, 1919, concurred in by Chief Commissioner Carvell, Assistant Chief Commissioner McLean and Commissioners Boyce and Rutherford, holding that in view of the very close connection of interests between the railway company and the townsite companies, and the fact that the building up of these municipalities is in the interest of the railway company in that they tend to develop traffic, the costs of the construction of the crossing should be placed upon the townsite companies, and the cost of operation and maintenance upon the railway company.



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APPENDIX B.

REPORT OF CHIEF TRAFFIC OFFICER JAS. HARDWELL.

SIR,—I have the honour to submit, for the Fifteenth Annual Report of the Board, a memorandum of the freight, passenger, express, telephone, telegraph and sleeping and parlour-car schedules filed with the Board from November 1, 1904, when, by order of the Board, under the authority of section 311 of the Railway Act, 1903, the railway companies commenced filing their tariffs, to March 31, 1919; and from April 1, 1919, to December 31, 1919, inclusive; also, of the more important orders relating to traffic issued by the Board to December 31, 1919:—

SCHEDULES RECEIVED FROM NOVEMBER 1, 1904, TO AND INCLUDING MARCH 31, 1919.

|  |         |         |         |
|--|---------|---------|---------|
| Freight—                                 |         |         |         |
| Local tariffs . . . . .                  | 12,462  |         |         |
| Supplements . . . . .                    | 26,352  |         |         |
|  |         | 38,814  |         |
| Joint tariffs . . . . .                  | 28,148  |         |         |
| Supplements . . . . .                    | 80,904  |         |         |
|  |         | 109,052 |         |
| International tariffs . . . . .          | 111,095 |         |         |
| Supplements . . . . .                    | 341,402 |         |         |
|  |         | 452,497 |         |
|  |         |         | 600,273 |
| Passenger—                               |         |         |         |
| Local tariffs . . . . .                  | 13,289  |         |         |
| Supplements . . . . .                    | 17,124  |         |         |
|  |         | 30,413  |         |
| Joint tariffs . . . . .                  | 10,661  |         |         |
| Supplements . . . . .                    | 17,995  |         |         |
|  |         | 28,656  |         |
| International tariffs . . . . .          | 21,029  |         |         |
| Supplements . . . . .                    | 41,527  |         |         |
|  |         | 62,556  |         |
|  |         |         | 121,625 |
| Express—                                 |         |         |         |
| Local tariffs . . . . .                  | 5,153   |         |         |
| Supplements . . . . .                    | 54,150  |         |         |
|  |         | 59,333  |         |
| Joint tariffs . . . . .                  | 6,110   |         |         |
| Supplements . . . . .                    | 20,410  |         |         |
|  |         | 26,220  |         |
| International tariffs . . . . .          | 2,671   |         |         |
| Supplements . . . . .                    | 1,222   |         |         |
|  |         | 3,893   |         |
|  |         |         | 89,446  |
| Telephone—                               |         |         |         |
| Local tariffs . . . . .                  | 1,764   |         |         |
| Supplements . . . . .                    | 1,231   |         |         |
|  |         | 2,995   |         |
| Joint tariffs . . . . .                  | 2,534   |         |         |
| Supplements . . . . .                    | 12,321  |         |         |
|  |         | 14,855  |         |
| International tariffs . . . . .          | 429     |         |         |
| Supplements . . . . .                    | 9,614   |         |         |
|  |         | 10,043  |         |
|  |         |         | 27,893  |
| Telegraph—                               |         |         |         |
| Tariffs . . . . .                        | 152     |         |         |
| Supplements . . . . .                    | 157     |         |         |
|  |         | 309     |         |
|  |         |         | 309     |
| Sleeping and Parlour Car—                |         |         |         |
| Local tariffs . . . . .                  | 118     |         |         |
| Supplements . . . . .                    | 136     |         |         |
|  |         | 254     |         |
| Joint tariffs . . . . .                  | 68      |         |         |
| Supplements . . . . .                    | 138     |         |         |
|  |         | 206     |         |
| International tariffs . . . . .          | 160     |         |         |
| Supplements . . . . .                    | 457     |         |         |
|  |         | 617     |         |
|  |         |         | 1,077   |
| Combined totals, all schedules . . . . . |         |         | 840,623 |

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SCHEDULES RECEIVED FROM APRIL 1, 1919, TO AND INCLUDING DECEMBER 31, 1919

|  |        |        |         |
|--|--------|--------|---------|
| Freight—                                 |        |        |         |
| Local tariffs.. . . . .                  | 492    |        |         |
| Supplements.. . . . .                    | 1,059  |        |         |
|  | <hr/>  | 1,551  |         |
| Joint tariffs.. . . . .                  | 547    |        |         |
| Supplements.. . . . .                    | 3,417  |        |         |
|  | <hr/>  | 3,964  |         |
| International tariffs.. . . . .          | 3,176  |        |         |
| Supplements.. . . . .                    | 11,222 |        |         |
|  | <hr/>  | 14,398 |         |
|  |        |        | 19,913  |
| Passenger—                               |        |        |         |
| Local tariffs.. . . . .                  | 611    |        |         |
| Supplements.. . . . .                    | 910    |        |         |
|  | <hr/>  | 1,521  |         |
| Joint tariffs.. . . . .                  | 756    |        |         |
| Supplements.. . . . .                    | 1,248  |        |         |
|  | <hr/>  | 2,004  |         |
| International tariffs.. . . . .          | 1,407  |        |         |
| Supplements.. . . . .                    | 3,220  |        |         |
|  | <hr/>  | 4,627  |         |
|  |        |        | 8,152   |
| Express—                                 |        |        |         |
| Local tariffs.. . . . .                  | 714    |        |         |
| Supplements.. . . . .                    | 1,387  |        |         |
|  | <hr/>  | 2,101  |         |
| Joint tariffs.. . . . .                  | 86     |        |         |
| Supplements.. . . . .                    | 163    |        |         |
|  | <hr/>  | 249    |         |
| International tariffs.. . . . .          | 1,449  |        |         |
| Supplements.. . . . .                    | 145    |        |         |
|  | <hr/>  | 1,594  |         |
|  |        |        | 3,944   |
| Telephone—                               |        |        |         |
| Local tariffs.. . . . .                  | 488    |        |         |
| Supplements.. . . . .                    | 95     |        |         |
|  | <hr/>  | 583    |         |
| Joint tariffs.. . . . .                  | 678    |        |         |
| Supplements.. . . . .                    | 2,954  |        |         |
|  | <hr/>  | 3,632  |         |
| International tariffs.. . . . .          | .....  |        |         |
| Supplements.. . . . .                    | 101    |        |         |
|  | <hr/>  | 101    |         |
|  |        |        | 4,316   |
| Telegraph—                               |        |        |         |
| Tariffs.. . . . .                        | 1      |        |         |
| Supplements.. . . . .                    | 3      |        |         |
|  | <hr/>  | 4      |         |
|  |        |        | 4       |
| Sleeping and Parlour Car—                |        |        |         |
| Local tariffs.. . . . .                  | 14     |        |         |
| Supplements.. . . . .                    | 17     |        |         |
|  | <hr/>  | 31     |         |
| Joint tariffs.. . . . .                  | 12     |        |         |
| Supplements.. . . . .                    | 19     |        |         |
|  | <hr/>  | 31     |         |
| International tariffs.. . . . .          | 18     |        |         |
| Supplements.. . . . .                    | 62     |        |         |
|  | <hr/>  | 80     |         |
|  |        |        | 142     |
| Combined totals, all schedules.. . . . . |        | <hr/>  | 36,471  |
| Grand total.. . . . .                    |        | <hr/>  | 877,094 |

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SUMMARY OF TRAFFIC ORDERS OF GENERAL INTEREST ISSUED DURING THE YEAR ENDED  
DECEMBER 31, 1919.

No. 28208, April 4, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Southwold and Dunwich Telephone Association, operating in the counties of Middlesex and Elgin, Ont.

No. 28253, April 22, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Lake Shore Mutual Telephone Company, operating in the counties of Bruce and Huron, Ont.

No. 28284, April 25, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Corporation of the Township of Tilbury West, operating in the county of Essex, Ont.

General Order No. 264, May 13, 1919.—Authorizes the Bell Telephone Company to make certain increases in their tolls and charges, effective July 1, 1919.

No. 28330, May 14, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the North Brock Telephone Company operating in the county of Ontario, Ont.

No. 28348, May 19, 1919.—Rescinds Order of July 30, 1904, prescribing special commodity rates on glass bottles, in carloads, from Wallaceburg, Ont.

No. 28350, May 19, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Welland County Telephone Company, operating in the county of Welland, Ont.

No. 28352, May 26, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Ive-Thornton Telephone Company, operating in the county of Simcoe, Ont.

No. 28353, May 27, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Durham Road Telephone Company, operating in the county of Bruce, Ont.

No. 28387, May 30, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Liquidation Committee of the Imperial Munitions Board, operating at Nobel in the district of Parry Sound, Ont.

General Order No. 265, June 9, 1919.—Approves Supplement No. 12 to Canadian Freight Classification No. 16.

No. 28420, June 11, 1919.—Approves the Standard Maximum Freight Mileage Tariff, C.R.C. No. 73, of the Eastern British Columbia Railway Company.

No. 28436, June 12, 1919.—Prescribes 8th class tariff rates to apply on carload shipments of poultry food from Lethbridge, Alta.

General Order No. 266, June 17, 1919.—Approves tariffs of tolls filed with the Board by telegraph companies.

No. 28500, July 3, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Normanby Telephone Company, operating in the county of Grey, Ont.

No. 28508, July 8, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Ayton Telephone Company, operating in the county of Grey, Ont.

No. 28531, July 9, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Byron Telephone Company, operating in the county of Middlesex, Ont.

No. 28561, July 22, 1919.—Approves message forms of the Marconi Wireless Telegraph Company.

No. 28594, July 26, 1919.—Approves standard Maximum Freight Mileage Tariff, C.R.C. No. 80, of the Midland Railway Company of Manitoba.

No. 28619, July 31, 1919.—Approves Supplement No. 13 to Express Classification for Canada No. 3.

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No. 28620, July 31, 1919.—Permits the Temiscouata Railway to increase its Standard Maximum Passenger fare from 3½ to 4 cents per mile.

No. 28627, August 11, 1919.—Approves Express Classification for Canada No. 4, C.R.C. No. ET-14.

No. 28657, August 11, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Norland Independent Telephone Company, operating in the county of Victoria, Ont.

No. 28750, September 4, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the La Compagnie de Telephone St. Ours, operating in the counties of Richelieu, St. Hyacinthe, and Vercheres, Que.

No. 28751, September 4, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Crews Telephone Company, operating in the county of Northumberland, Ont.

General Order No. 271, September 10, 1919.—Prescribes regulations to govern applications for approval of freight and express classifications.

No. 28783, September 17, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Bradden Telephone Company, operating in the county of Hastings, Ont.

General Order No. 272, September 19, 1919.—Requires terminal inter-switching railways to furnish shippers with local bills of lading, or switching tickets or receipts subject to the conditions of the bill of lading, for cars loaded on their tracks, to the point of transfer to the line carrier.

No. 28810, September 22, 1919.—Approves Standard Maximum Freight Mileage Tariff, C.R.C. No. 681, of the Quebec Central Railway Company.

No. 28837, October 3, 1919.—Authorizes the Quebec, Montreal and Southern Railway to increase its standard maximum passenger fare from 3.45 to 4 cents per mile.

No. 28857, October 7, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Brompton Pulp and Paper Company, operating in the counties of Beauce, Compton and Wolfe, Que.

No. 28898, October 11, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Corporation of the Township of Wellesley, operating in the counties of Waterloo and Perth, Ont.

No. 28899, October 11, 1919.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Head Lake Telephone Company, operating in the county of Victoria, Ont.

No. 28915, October 18, 1919.—Approves Standard Maximum Freight Mileage Tariff, C.R.C., No. 576, of the Chatham, Wallaceburg and Lake Erie Railway Company.

No. 28920, October 20, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Wallacetown and Lake Shore Telephone Association, operating in the county of Elgin, Ont.

No. 28946, October 28, 1919.—Approves the British Columbia Electric Railway's Standard Maximum Freight Mileage Tariff, C.R.C. No. 146, Standard Maximum Passenger Tariffs C.R.C. Nos. 8 and 9, and Express Tariff C.R.C. No. Ex-1 and Supplement No. 1 thereto.

No. 28967, November 3, 1919.—Approves Dominion Atlantic Railway Company's Standard Maximum Tariff of sleeping car tolls, C.R.C. No. S-4.

No. 28972, November 4, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Russell Rural Telephone Company, operating in the counties of Russell and Carleton, Ont.

No. 28983, November 11, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and La Compagnie Electrique, Maniwaki, operating in the county of Ottawa, Que.

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No. 29018, November 14, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Corporation of the Township of Huron, operating in the counties of Bruce and Huron, Ont.

No. 29068, November 21, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Mount Forest, Wellington and Grey Telephone Company, operating in the counties of Wellington and Grey, Ont.

No. 29094, December 2, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Rumney Settlement Telephone Company, operating in the county of Victoria, Ont.

No. 29134, December 9, 1919.—Authorizes settlement of accrued demurrage incurred by delays in unloading cars at Winnipeg during the general strike in May and June, 1919, on the basis of \$1 per car per day.

No. 29145, December 12, 1919.—Permits the Grand River Railway to increase its standard maximum passenger fare to 2.875 cents per mile.

No. 29154, December 12, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Donegal Telephone Company, operating in the county of Renfrew, Ont.

No. 29163, December 22, 1919.—Requires the Grand Trunk Railway to establish certain commodity rates on sand and gravel from York, Ont., to various sidings in and around Toronto.

No. 29165, December 19, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Corporation of the Township of Thessalon, operating in the district of Algoma, Ont.

No. 29170, December 20, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Egypt Telephone Company, operating in the county of Ontario, Ont.

General Order No. 277, December 29, 1919.—Prescribes regulations for indicating changes in tariffs of tolls by means of symbols.

No. 29227, December 30, 1919.—Approves agreement for interchange of telephone services between the Bell Telephone Company and the Corporation of the Township of Otonabee, operating in the county of Peterborough, Ont.

General Order No. 276, December 31, 1919.—In the matter of Order in Council P.C. 1863, as amended, and of all tolls lawfully in effect on December 31, 1919; railway companies subject to the jurisdiction of the Board permitted to continue in force, on and from January 1, 1920, the tolls in effect on the said December 31, 1919.

## APPENDIX C.

OTTAWA, March 9, 1920.

DEAR SIR,—I have the honour to submit herewith, for the Board's fifteenth annual report, a synopsis of work performed by the Operating Department during the nine months ended December 31, 1919.

## REPORTING AND INVESTIGATING OF ACCIDENTS ATTENDED BY PERSONAL INJURY OR LOSS OF LIFE.

During the nine months accidents to the number of 1,347, covering 223 persons killed and 1,502 persons injured, were reported to the Board by the various railway companies under its jurisdiction. For particulars, attention is directed to statements 1, 3 and 4.

A perusal of statements Nos. 2, 5 and 6, which are comparative statements of the killed and injured, as between passengers, employees and others; class of accident and railway, reveals a decrease of 41 persons killed and 311 persons injured over the preceding year.

Out of the total of 1,347 accidents reported, as above referred to, 750 were investigated, covering 163 persons killed and 977 persons injured. Statements Nos. 7, 8, 9 and 10 set out in detail the investigations made as regards collisions, derailments, highway crossing accidents, also, accidents the result of working on or under engines. These four statements show a total of 289 investigations, covering 70 persons killed, 584 persons injured. The remainder of the investigations, which number 461, cover 93 persons killed and 393 persons injured, and are spread over accidents covered by the various other headings, referred to in statements 3 and 4.

It will be observed that out of the total of 223 persons killed and 1,502 injured, there were "trespassers" to the number of 64 killed and 68 injured. In this connection reference is made to statement No. 16.

The matter of highway crossing accidents, protection provided, etc., is set out in detail in statements 3, 4, 9, 11, 12, 13, 14 and 15.

It is pointed out that the number of accidents at highway crossings involving automobile traffic is on the increase. A perusal of statement No. 15 shows that during the four years ending March 31, 1919, and nine months ending December 31, 1919, there have been 231 accidents, 15 in 1916, 36 in 1917, 54 in 1918, 66 in 1919, and 60 for the nine months ending December 31, 1919.

## INSPECTION OF SAFETY APPLIANCES.

The work in this connection is largely carried on under the provisions of section 298 of the Act, and General Order No. 102. The year's work in detail is set out in statements Nos. 19, 20, 21-A and B. It is needless to say that the inspection of 45,871 cars embracing defects totalling 2,142 (or 4.67 per cent) entails considerable time and labour, both as regards field work, and the resultant checking, recording and filing of the numerous reports in addition to the correspondence necessary in following up with a view to having the railway companies take the necessary action to have the defects remedied.

## INSPECTION OF MOTIVE POWER.

This division of the work embraces the entire locomotive and tender, and is carried on under sections 298, 299, 300 and 301, of the Railway Act, and General Orders Nos. 12, 31, 66, 78, 102, 107, 131, 171, 199 and 226.

Under General Order No. 78, the so-called "Boiler Inspection Order," some 45,000 report forms comprising the monthly and annual inspections of locomotive boilers and appurtenances have been filed during the nine months.

During the nine months locomotives to the number of 5,676 were inspected by inspectors of this department, with defective engines totalling 1,564 (28 per cent), total defects 1,664. For details reference is made to statement No. 22.

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The checking and recording of the above-mentioned forms and reports, together with the correspondence involved, naturally creates an extensive line of work.

INSPECTION OF PASSENGER EQUIPMENT, STATION BUILDINGS AND PREMISES.

This work comprises features of safety, cleanliness, accommodation, etc. A large number of matters have been brought to the attention of the proper officials with beneficial results.

TRAIN AND STATION SERVICE, HIGHWAY CROSSING PROTECTION, STATION LOCATIONS, CAR SUPPLY, ETC.

The work under this heading covers a wide range of subjects, and entails in many instances a considerable amount of inquiry and research.

During the nine months complaints and applications numbering 578, which represents 32 per cent of the total filed with the Board, were inquired into and reported upon.

Under this heading it might not be amiss to point out that the matter of car supply in connection with the movement of coal, grain, lumber, fruit, potatoes and hay, required considerable attention.

In conclusion, it might be stated that in order to accomplish the work briefly outlined above, it has necessitated the travelling by the staff of this department of approximately 375,000 miles.

Yours faithfully,

G. SPENCER,

*Chief Operating Officer.*

STATEMENT No. 1.—Statement showing number of passengers, employees and others killed and injured on the various railways in Canada, under the Board's jurisdiction, for nine months ending December 31, 1919.

| Name of Railway.                   | Passengers. |          | Employees. |          | Others. |          | Total.  |          |
|------------------------------------|-------------|----------|------------|----------|---------|----------|---------|----------|
|                                    | Killed.     | Injured. | Killed.    | Injured. | Killed. | Injured. | Killed. | Injured. |
| Grand Trunk.....                   |             | 138      | 19         | 416      | 37      | 97       | 56      | 651      |
| Canadian Pacific.....              | 3           | 83       | 37         | 192      | 54      | 88       | 94      | 363      |
| Canadian National.....             | 1           | 26       | 22         | 229      | 23      | 67       | 46      | 322      |
| Grand Trunk Pacific.....           |             | 4        | 2          | 33       | 1       | 5        | 3       | 42       |
| Quebec Central.....                |             |          | 1          |          |         |          | 1       |          |
| Toronto, Hamilton and Buffalo..... |             | 1        |            | 6        | 1       |          | 1       | 7        |
| Grand River.....                   |             | 1        | 1          | 1        |         |          | 1       | 2        |
| Brantford & Hamilton Electric..... |             |          |            |          | 2       | 1        | 2       | 1        |
| Esquimalt & Nanaimo.....           |             |          |            | 1        |         | 1        |         | 2        |
| Michigan Central.....              |             | 1        | 3          | 41       | 3       | 3        | 6       | 45       |
| Quebec, Montreal & Southern.....   |             |          |            | 6        |         |          |         | 7        |
| Kettle Valley.....                 |             |          |            | 2        |         | 2        |         | 4        |
| Algoma Central & Hudson Bay.....   |             | 4        | 1          |          | 1       | 2        | 2       | 6        |
| Windsor, Essex & Lake Shore.....   |             | 5        |            |          |         |          |         | 5        |
| Wabash.....                        |             | 6        | 2          | 5        | 1       | 1        | 3       | 12       |
| New York Central.....              |             | 2        |            | 4        | 2       |          | 2       | 6        |
| Lake Erie & Northern.....          |             | 3        |            | 6        | 1       | 2        | 1       | 11       |
| Vancouver, Victoria & Eastern..... |             |          | 2          | 7        | 2       | 1        | 4       | 8        |
| Pere Marquette.....                |             |          | 1          | 1        |         | 2        | 1       | 3        |
| Maine Central.....                 |             |          |            | 1        |         | 1        |         | 2        |
| Hamilton Radial.....               |             |          |            |          |         | 3        |         | 3        |
|                                    | 4           | 274      | 91         | 951      | 128     | 277      | 223     | 1,502    |

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STATEMENT No. 2.—Comparative statement of killed and injured between years ending March 31, 1919, and nine months ending December 31, 1919.

|                                   | Passengers. |          | Employees. |          | Others. |          | Total.  |          |
|-----------------------------------|-------------|----------|------------|----------|---------|----------|---------|----------|
|                                   | Killed.     | Injured. | Killed.    | Injured. | Killed. | Injured. | Killed. | Injured. |
| Year ending March 31, 1919.....   | 28          | 202      | 117        | 1,344    | 119     | 267      | 264     | 1,813    |
| Nine months ending Dec. 31, 1919. | 4           | 274      | 91         | 951      | 128     | 277      | 233     | 1,502    |
| Increase.....                     |             | 72       |            |          | 9       | 10       |         |          |
| Decrease.....                     | 24          |          | 26         | 393      |         |          | 41      | 311      |

STATEMENT No. 3.—Statement showing separately the number of Passengers, employees and others killed and injured, and the nature of the accidents, for nine months ending December 31, 1919.

| Character of Accidents.   | Passengers. |          | Employees. |          | Others. |          | Total.  |          |
|---|-------------|----------|------------|----------|---------|----------|---------|----------|
|   | Killed.     | Injured. | Killed.    | Injured. | Killed. | Injured. | Killed. | Injured. |
| Derailment.....   | 1           | 124      | 12         | 106      |         | 17       | 13      | 247      |
| Collision, head-on.....   |             | 59       | 4          | 26       |         |          | 4       | 85       |
| Collision, rear-end.....  |             |          | 1          | 15       |         |          | 1       | 15       |
| Collision in yard.....  |             | 1        |            | 20       |         |          |         | 21       |
| Collision with cars standing foul of main line.....             |             |          |            | 1        |         |          |         | 1        |
| Collision with cars account open switch.....                    |             | 10       | 1          | 9        | 1       | 1        | 2       | 20       |
| Collision at grade level (diamond) crossing.....                |             |          |            | 2        |         | 1        |         | 3        |
| Public highway crossing protected by gates.....                 |             |          |            |          | 4       | 9        | 4       | 9        |
| Public highway crossing protected by bell.....                  |             |          |            |          | 4       | 7        | 4       | 7        |
| Public highway crossing protected by watchman.....              |             |          |            |          | 4       | 9        | 4       | 9        |
| Public highway crossing unprotected.....                        |             |          |            | 2        | 36      | 136      | 36      | 138      |
| Private crossing.....   |             |          |            |          | 3       | 13       | 3       | 13       |
| Trespassing.....  |             |          | 2          | 3        | 62      | 65       | 64      | 68       |
| Working on or under engine.....                                 |             |          |            | 97       |         |          |         | 97       |
| Miscellaneous.....  | 1           | 34       | 5          | 196      | 6       | 7        | 12      | 237      |
| Adjusting couplers, coupling and uncoupling.....                |             |          | 3          | 59       |         |          | 3       | 59       |
| Working on track or bridge.....                                 |             |          | 5          | 36       |         |          | 5       | 36       |
| Falling off hand car, motor or velocipede.....                  |             |          | 3          | 49       | 2       |          | 5       | 49       |
| Hand car, motor or velocipede struck by train.....              |             |          | 6          | 8        | 1       |          | 7       | 8        |
| Crawling under cars.....  |             |          |            |          |         | 1        |         | 1        |
| Crawling through cars over couplers.....                        |             |          |            | 4        |         |          |         | 4        |
| Caught while passing through cars between couplers.....         |             |          |            | 2        | 1       |          | 1       | 2        |
| Struck by car standing foul.....                                |             |          | 2          | 4        |         |          | 2       | 4        |
| Struck by switch stand, water spout, mail crane, etc.....       |             |          |            | 25       |         |          |         | 25       |
| Crushed between cars, building, lumber pile, platform, etc..... |             |          |            | 6        |         |          |         | 6        |
| Explosion of locomotive boiler.....                             |             |          |            |          |         |          |         |          |
| Falling off passenger train.....                                | 1           | 11       |            | 6        |         |          | 1       | 17       |
| Falling off tender while handling coal.....                     |             |          | 1          | 3        |         |          | 1       | 3        |
| Falling off tender while taking water.....                      |             |          |            |          | 8       |          |         | 8        |



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STATEMENT No. 3.—Statement showing separately the number of Passengers, employees and others killed and injured, and the nature of the accidents, for nine months ending December 31, 1919.—*Concluded.*

| Character of Accidents.   | Passengers. |          | Employees. |          | Others. |          | Total.  |          |
|---|-------------|----------|------------|----------|---------|----------|---------|----------|
|   | Killed.     | Injured. | Killed.    | Injured. | Killed. | Injured. | Killed. | Injured. |
| Industrial.....   |             |          | 3          | 18       |         |          | 3       | 18       |
| Riding on pilot of engine.....  |             |          | 2          | 14       |         |          | 2       | 14       |
| Overhead bridge.....  |             |          |            | 8        |         |          |         | 6        |
| Repairing cars on running track<br>when moved by engine.....                      |             |          |            | 1        |         |          |         | 1        |
| Falling off top of car.....   |             |          | 7          | 37       |         |          | 7       | 37       |
| Falling between cars going over top   |             |          | 1          | 5        |         |          | 1       | 5        |
| Application of air brake.....   |             | 3        | 1          | 15       |         |          | 1       | 18       |
| Jumping off train in motion.....  |             | 22       |            | 26       | 1       | 6        | 1       | 54       |
| Attempt to board train in motion..  | 1           | 10       |            | 20       |         | 1        | 1       | 31       |
| Washout.....  |             |          |            |          |         |          |         |          |
| Bridge gave way or burnt.....   |             |          |            |          |         |          |         |          |
| Electrocuted.....   |             |          |            |          |         |          |         |          |
| Run down by engine or car.....  |             |          | 25         | 40       | 2       | 1        | 27      | 41       |
| Passing too close around end of<br>string of car.....                             |             |          |            |          |         |          |         |          |
| Caught in frog, guard rail or switch<br>rod.....                                  |             |          |            | 3        |         |          |         | 3        |
| Caught by engine or car while<br>throwing switch.....                             |             |          |            | 2        |         |          |         | 2        |
| Falling off cars while climbing up<br>and coming down side or end<br>ladders..... |             |          |            | 13       |         |          |         | 13       |
| Falling off car while working hand-<br>brake.....                                 |             |          |            | 11       |         |          |         | 11       |
| Asphyxiated in tunnel.....  |             |          | 1          |          |         |          | 1       |          |
| Handling freight.....   |             |          | 1          | 20       |         |          | 1       | 20       |
| Loading and unloading O.C.S.<br>material.....                                     |             |          | 2          | 15       | 1       |          | 3       | 15       |
| Building and repairing.....   |             |          | 1          |          |         |          | 1       |          |
| Working in coal chute.....  |             |          |            | 4        |         |          |         | 4        |
| Cars moved while loading and un-<br>loading.....                                  |             |          |            | 3        |         | 3        |         | 6        |
| Drawbridge open.....  |             |          |            |          |         |          |         |          |
| Repairing cars on running track<br>when moved by engine.....                      |             |          | 1          | 2        |         |          | 1       | 2        |
| Locomotive dropping crown sheet<br>of fire box.....                               |             |          |            | 4        |         |          |         | 4        |
| Coupling and uncoupling air hose...   |             |          | 1          | 3        |         |          | 1       | 3        |
|   | 4           | 274      | 91         | 551      | 128     | 277      | 223     | 1,502    |







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|   |   |   |   |   |   |   |    |   |   |   |    |   |   |   |   |  |   |  |   |     |       |    |    |
|---|---|---|---|---|---|---|----|---|---|---|----|---|---|---|---|--|---|--|---|-----|-------|----|----|
| Asphyxiated in tunnel.....                      | 1 |   |   |   |   |   |    |   |   |   |    |   |   |   |   |  |   |  |   |     | 1     | 20 |    |
| Handling freight.....                           |   |   |   |   |   |   |    |   |   |   |    |   |   |   |   |  |   |  |   |     |       | 3  | 15 |
| Loading and unloading O. C. S. material.....    |   | 1 |   |   |   |   |    |   |   |   |    |   |   |   |   |  |   |  |   |     |       | 1  | 4  |
| Building and repairing.....                     |   |   |   |   |   |   |    |   |   |   |    |   |   |   |   |  |   |  |   |     |       |    | 6  |
| Working in coal chute.....                      |   |   |   |   |   |   |    |   |   |   |    |   |   |   |   |  |   |  |   |     |       |    | 2  |
| Cars moved while loading or unloading.....      |   |   |   |   |   |   |    |   |   |   |    |   |   |   |   |  |   |  |   |     |       |    | 4  |
| Drawbridge open.....                            |   |   |   |   |   |   |    |   |   |   |    |   |   |   |   |  |   |  |   |     |       |    | 3  |
| Repairing cars on running track when moved..... |   |   |   |   |   |   |    |   |   |   |    |   |   |   |   |  |   |  |   |     |       |    | 1  |
| Locomotive dropping crown sheet.....            |   |   |   |   |   |   |    |   |   |   |    |   |   |   |   |  |   |  |   |     |       |    | 1  |
| Coupling and uncoupling air hose.....           |   |   |   |   |   |   |    |   |   |   |    |   |   |   |   |  |   |  |   |     |       |    | 1  |
| Total.....                                      | 7 | 4 | 2 | 6 | 5 | 3 | 12 | 2 | 6 | 1 | 11 | 4 | 8 | 1 | 3 |  | 2 |  | 3 | 223 | 1,502 |    |    |

STATEMENT No. 5.—Comparative statement in totals of killed and injured between year ending March 31, 1919, and nine months ending December 31, 1919, separately for each period.

| Character of Accidents.   | 1919. |       | 9 months, 1919. |       | 1919.     |     |           |     |
|---|-------|-------|-----------------|-------|-----------|-----|-----------|-----|
|   | K.    | I.    | K.              | I.    | Increase. |     | Decrease. |     |
|   |       |       |                 |       | K.        | I.  | K.        | I.  |
| Derailment.....   | 9     | 159   | 13              | 247   | 4         | 88  |           |     |
| Collision, head-on.....   | 8     | 57    | 4               | 85    |           | 28  | 4         |     |
| Collision, rear-end.....  | 3     | 53    | 1               | 15    |           |     | 2         | 38  |
| Collision in yard.....  | 2     | 40    |                 | 21    |           |     | 2         | 19  |
| Collision with cars standing foul on main line.....                         |       | 1     |                 | 1     |           |     |           |     |
| Collision with cars account open switch.....                                | 1     | 7     | 2               | 20    | 1         | 13  |           |     |
| Collision at grade level (diamond) crossing.....                            | 3     | 18    |                 | 3     |           |     | 3         | 15  |
| Public highway crossing protected by gates.....                             | 3     | 20    | 4               | 9     | 1         |     |           | 11  |
| Public highway crossing protected by bell.....                              | 10    | 20    | 4               | 7     |           |     | 6         | 13  |
| Public highway crossing protected by watchman.....                          | 1     | 7     | 4               | 9     | 3         | 2   |           |     |
| Public highway crossing unprotected.....                                    | 27    | 115   | 36              | 138   | 9         | 23  |           |     |
| Private crossing.....   | 3     | 6     | 3               | 13    |           | 7   |           |     |
| Trespassing.....  | 77    | 102   | 64              | 68    |           |     | 13        | 34  |
| Working on or under engine.....   | 1     | 180   |                 | 97    |           |     | 1         | 83  |
| Miscellaneous.....  | 20    | 288   | 12              | 237   |           |     | 8         | 51  |
| Adjusting couplers, coupling and uncoupling.....                            | 6     | 75    | 3               | 59    |           |     | 3         | 16  |
| Working on track or bridge.....   | 2     | 61    | 5               | 36    | 3         |     |           | 25  |
| Falling off handcar, motor or velocipede.....                               | 7     | 36    | 5               | 49    |           | 13  | 2         |     |
| Handcar, motor or velocipede struck by train.....                           | 10    | 15    | 7               | 8     |           |     | 3         | 7   |
| Crawling under cars.....  |       | 1     |                 | 1     |           |     |           |     |
| Crawling through cars over couplers.....                                    |       | 7     |                 | 4     |           |     |           | 3   |
| Caught while passing through cars between couplers.....                     | 2     | 4     | 1               | 2     |           |     | 1         | 2   |
| Struck by car standing foul.....  | 1     | 6     | 2               | 4     | 1         |     |           | 2   |
| Struck by switch stand, water spout, mail crane, etc.....                   | 2     | 22    |                 | 25    |           | 3   | 2         |     |
| Crushed between cars, building, lumber pile, platform, etc.....             | 3     | 13    |                 | 6     |           |     | 3         | 7   |
| Explosion of locomotive boiler.....   |       |       |                 |       |           |     |           |     |
| Falling off passenger train.....  | 7     | 7     | 1               | 17    |           | 10  | 6         |     |
| Falling off tender while handling coal.....                                 |       | 3     | 1               | 3     | 1         |     |           |     |
| Falling off tender while taking water.....                                  |       | 6     |                 | 8     |           | 2   |           |     |
| Industrial.....   | 1     | 97    | 3               | 18    | 2         |     |           | 79  |
| Riding on pilot of engine.....  |       | 16    | 2               | 14    | 2         |     |           | 2   |
| Overhead bridge.....  | 1     | 7     |                 | 8     |           | 1   | 1         |     |
| Repairing cars on running track when moved by engine.....                   |       | 1     |                 | 1     |           |     |           |     |
| Falling off top of car.....   | 2     | 37    | 7               | 37    | 5         |     |           |     |
| Falling between cars going over top.....                                    | 3     | 9     | 1               | 5     |           |     | 2         | 4   |
| Application of air brake.....   |       | 33    | 1               | 18    | 1         |     |           | 15  |
| Jumping off train in motion.....  | 5     | 46    | 1               | 54    |           | 8   | 4         |     |
| Attempt to board train in motion.....                                       | 3     | 35    | 1               | 31    |           |     | 2         | 4   |
| Washout.....  |       |       |                 |       |           |     |           |     |
| Bridge gave way or burnt.....   |       |       |                 |       |           |     |           |     |
| Electrocuted.....   | 2     |       |                 |       |           |     | 2         |     |
| Run down by engine or car.....  | 32    | 54    | 27              | 41    |           |     | 5         | 13  |
| Passing too close around end of string of cars.....                         |       |       |                 |       |           |     |           |     |
| Caught in frog, guard rail or switch rod.....                               |       | 6     |                 | 3     |           |     |           | 3   |
| Caught by engine or car while throwing switch.....                          |       | 5     |                 | 2     |           |     |           | 3   |
| Falling off cars while climbing up and coming down side or end ladders..... |       | 21    |                 | 13    |           |     |           | 8   |
| Falling off car while working hand brake.....                               | 1     | 12    |                 | 11    |           |     | 1         | 1   |
| Asphyxiated in tunnel.....  | 1     |       | 1               |       |           |     |           |     |
| Handling freight.....   |       | 42    | 1               | 20    | 1         |     |           | 22  |
| Loading and unloading O.C.S. material.....                                  |       | 19    | 3               | 15    | 3         |     |           | 4   |
| Building and repairing.....   |       | 4     | 1               |       | 1         |     |           | 4   |
| Working in coal chute.....  | 1     | 8     |                 | 4     |           |     | 1         | 4   |
| Cars moved while loading and unloading.....                                 |       | 12    |                 | 6     |           |     |           | 6   |
| Drawbridge open.....  | 1     |       |                 |       |           |     | 1         |     |
| Repairing cars on running track when moved by engine.....                   | 2     | 7     | 1               | 2     |           |     | 1         | 5   |
| Locomotive dropping crown sheet of fire box.....                            | 1     | 8     |                 | 4     |           |     | 1         | 4   |
| Coupling and uncoupling air hose.....                                       |       | 5     | 1               | 3     | 1         |     |           | 2   |
|   | 264   | 1,813 | 223             | 1,502 | 39        | 195 | 80        | 509 |
|   | 223   | 1,502 |                 |       |           |     | 39        | 198 |
| Decrease.....   | 41    | 311   |                 |       |           |     | 41        | 311 |

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STATEMENT No. 6.—Comparative statement in totals of killed and injured between year ending March 31, 1919, and nine months ending December 31, 1919, for each railway separately.

| Name of Railway.                             | 1919. |       | 9 months 1919. |       | 9 months, 1919. |     |           |     |
|--|-------|-------|----------------|-------|-----------------|-----|-----------|-----|
|  |       |       |                |       | Increase.       |     | Decrease. |     |
|  | K.    | I.    | K.             | I.    | K.              | I.  | K.        | I.  |
| Grand Trunk.....                             | 69    | 771   | 56             | 651   |                 |     | 13        | 120 |
| Canadian Pacific.....                        | 139   | 276   | 94             | 363   |                 | 87  | 45        |     |
| Canadian National.....                       | 27    | 424   | 46             | 322   | 19              |     |           | 102 |
| Grand Trunk Pacific.....                     | 6     | 79    | 3              | 42    |                 |     | 3         | 37  |
| Quebec Central.....                          |       |       | 1              |       | 1               |     |           |     |
| Toronto, Hamilton and Buffalo.....           | 3     | 24    | 1              | 7     |                 |     | 2         | 17  |
| Grand River.....                             |       |       | 1              | 2     | 1               | 2   |           |     |
| Brantford and Hamilton Electric.....         |       | 8     | 2              | 1     | 2               |     |           | 7   |
| Esquimalt and Nanaimo.....                   | 1     | 6     |                | 2     |                 |     | 1         | 4   |
| Michigan Central.....                        | 10    | 120   | 6              | 45    |                 |     | 4         | 75  |
| Quebec, Montreal and Southern.....           | 1     | 7     |                | 7     |                 |     | 1         |     |
| Kettle Valley.....                           |       | 1     |                | 4     |                 | 3   |           |     |
| Algoma Central and Hudson Bay.....           | 1     |       | 2              | 6     | 1               | 6   |           |     |
| Windsor Essex and Lake Shore.....            | 3     | 4     |                | 5     |                 | 1   | 3         |     |
| Wabash.....                                  | 1     | 17    | 3              | 12    | 2               |     |           | 5   |
| New York Central.....                        |       | 6     | 2              | 6     | 2               |     |           |     |
| Lake Erie and Northern.....                  |       | 4     | 1              | 11    | 1               | 7   |           |     |
| Vancouver Victoria and Eastern.....          | 2     | 25    | 4              | 8     | 2               |     |           | 17  |
| Pere Marquette.....                          |       | 6     | 1              | 3     | 1               |     |           | 3   |
| Maine Central.....                           |       |       |                | 2     |                 | 2   |           |     |
| Hamilton Radial.....                         |       |       |                | 3     |                 | 3   |           |     |
| British Columbia Electric.....               |       | 1     |                |       |                 |     |           | 1   |
| Hull Electric.....                           | 1     |       |                |       |                 |     | 1         |     |
| London and Port Stanley.....                 |       | 19    |                |       |                 |     |           | 19  |
| Edmonton, Dunvegan and British Columbia..... |       | 6     |                |       |                 |     |           | 6   |
| Canadian Government.....                     |       | 9     |                |       |                 |     |           | 9   |
|  | 264   | 1,813 | 223            | 1,502 | 32              | 111 | 73        | 422 |
|  | 223   | 1,502 |                |       |                 |     | 32        | 111 |
| Decrease.....                                | 41    | 311   |                |       |                 |     | 41        | 311 |

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STATEMENT No. 7.—Statement Showing Collisions Attended by Personal Injury  
Investigated During the Nine Months Ending December 31, 1919

| File      | Date     | Railway   | PLACE  | Killed | Injured |
|-----------|----------|-----------|--|--------|---------|
| Inv. 6589 | Mar. 9   | G.T.R.    | Southwark, Que.  | -      | 1       |
| " 6655    | April 24 | G.T.R.    | Tureot, Que.   | -      | 1       |
| " 6685    | May 2    | C.T.R.    | St. Henri, Que.  | -      | 2       |
| " 6708    | May 12   | G.T.R.    | Kitchener, Ont., King St. Crossing                     | -      | 2       |
| " 6748    | June 13  | M.C.R.    | Windsor, Yard, Ont.                                    | -      | 1       |
| " 6771    | June 10  | G.T.R.    | Belleville, Ont., Coal Dock                            | -      | 1       |
| " 6787    | July 2   | C.P.R.    | Mattawa, Ont.  | -      | 1       |
| " 6793    | April 22 | V.N. & E. | Ardley, B.C., Douglas Rd. Crossing                     | -      | 1       |
| " 6837    | Dec. 5   | C.N.R.    | Drumheller, Midland Mine Spur, M.P. 312-2              | -      | 3       |
| " 6842    | July 20  | G.T.R.    | West Toronto, Ont.                                     | -      | 5       |
| " 6850    | July 8   | G.T.R.    | Richmond, Que., west end yard                          | -      | 1       |
| " 6853    | June 17  | G.T.P.    | Watrous, Sask.   | -      | 1       |
| " 6875    | Feb. 28  | C.P.R.    | M.P. 67, Fernie, S.D.                                  | 2      | -       |
| " 6897    | July 28  | G.T.R.    | Windsor, Yard, Ont.                                    | -      | 1       |
| " 6928    | Aug. 2   | G.T.R.    | London, Ont., 4th track pass platform                  | -      | 1       |
| " 6945    | July 7   | C.P.R.    | Laggan, S.D., M.P. 63                                  | -      | 1       |
| " 6953    | Sept. 11 | C.P.R.    | Quimet, Nipigon, S.D.                                  | -      | 1       |
| " 6955    | July 6   | C.P.R.    | Lake Louise, $\frac{3}{4}$ mile from                   | -      | 7       |
| " 6958    | Sept. 3  | G.T.R.    | Tureot, Que.   | -      | 1       |
| " 6984    | Sept. 5  | G.T.R.    | Jordan, Ont.   | -      | 6       |
| " 6996    | July 22  | G.T.R.    | York, Ont.   | -      | 1       |
| " 7009    | Sept. 19 | C.P.R.    | Sortin Yard, Que.                                      | -      | 1       |
| " 7061    | Sept. 11 | C.N.R.    | Rosedale, Ont., Gerrard St. Siding                     | -      | 3       |
| " 7069    | Sept. 24 | C.P.R.    | Ignace, S.D., M.P., 101 $\frac{3}{4}$                  | -      | 2       |
| " 7073    | Aug. 12  | C.N.R.    | Edmonton, 24th Street crossing, Low Level bridge       | -      | 1       |
| " 8006    | Oct. 17  | G.T.R.    | Mallorytown, Ont.                                      | -      | 3       |
| " 8024    | Oct. 22  | C.P.R.    | Broadview, S.D.M.P. 73-5                               | -      | 1       |
| " 8061    | Aug. 5   | V.V. & E. | Vancouver, B.C.  | -      | 1       |
| " 8067    | Oct. 31  | G.V.R.    | Hagey's Siding, Ont.                                   | -      | 29      |
| " 8086    | Aug. 17  | C.N.R.    | M.P. 97, Joint Section                                 | 1      | -       |
| " 8097    | Oct. 7   | C.N.R.    | Bolger, Ont., M.P. 26, Sudbury, S.D.                   | 1      | 3       |
| " 8102    | Nov. 1   | C.N.R.    | Ragged Rapids  | -      | 2       |
| " 8128    | Nov. 9   | C.P.R.    | Broadview Yard, Man.                                   | -      | 1       |
| " 8163    | Nov. 16  | C.N.R.    | Cartier, Man.  | -      | 1       |
| " 8168    | Nov. 21  | C.P.R.    | Chelmsford, Ont.                                       | -      | 1       |
| " 8174    | Nov. 22  | C.P.R.    | Between Terrebonne & St. Vincent de Paul, Que.         | 2      | 38      |
| " 8186    | Nov. 19  | C.N.R.    | Saskatoon, Sask.                                       | -      | 2       |
| " 8189    | Dec. 2   | C.N.R.    | Falding  | -      | 1       |
| " 8192    | Nov. 24  | C.P.R.    | Broadview Yard, Man.                                   | -      | 2       |
| " 8194    | Nov. 25  | C.P.R.    | Saskatoon, 2 miles west of                             | -      | 4       |
| " 8227    | Dec. 2   | C.P.R.    | Moose Jaw Yard, Sask.                                  | -      | 2       |
| " 8236    | Dec. 11  | C.P.R.    | Milan, Que., Passing track                             | 2      | 4       |
| " 8247    | Dec. 20  | C.P.R.    | Verona, Ont.   | -      | 4       |
| " 8257    | Dec. 16  | C.P.R.    | Stralak Station, Ont.                                  | -      | 9       |
| " 8263    | Dec. 26  | G.T.R.    | Port Colborne, Ont., Government Elevator               | -      | 1       |
| " 8264    | Dec. 11  | C.P.R.    | Swift Current, S.D., M.P. 63, 10 poles west            | 1      | 2       |
| " 8270    | Dec. 26  | G.T.R.    | Beaconsfield, Que., $\frac{1}{2}$ mile west of station | -      | 3       |

Total number investigations..... 47  
 Total number killed..... 9  
 Total number injured..... 160



SESSIONAL PAPER No. 20c

STATEMENT No. 8.—Showing Derailments Attended by Personal Injury Investigated During the Nine Months Ending December 31, 1919

| File      | Dat      | Railway   | PLACE   | Killed | Injured |
|-----------|----------|-----------|---|--------|---------|
| Inv. 6577 | Mar. 17  | G.T.P.    | Between Raymore & Semans, M.P. 367.....             | -      | 1       |
| " 6580    | Jan. 25  | C.N.R.    | Hanna S.D., M.P. 159-6.....                         | -      | 1       |
| " 6583    | Mar. 3   | C.P.R.    | Bredenberg, M.P. 23.....                            | -      | 1       |
| " 6592    | Mar. 20  | C.N.R.    | Rosburn S.D., M.P. 86, four poles west.....         | -      | 4       |
| " 6599    | Mar. 14  | C.N.R.    | Hartney S.D., 4 poles west M.P. 126.....            | -      | 1       |
| " 6606    | Feb. 8   | G.T.P.    | Archydale, Sask.....                                | -      | 1       |
| " 6616    | Mar. 26  | M.C.R.    | Windsor, Ont.....                                   | -      | 1       |
| " 6631    | Mar. 24  | C.N.R.    | Ardath yard, Sask.....                              | -      | 1       |
| " 6632    | April 2  | C.N.R.    | Irondale, S.D., 2 poles east M. P. 49.....          | 3      | 1       |
| " 6633    | Jan. 22  | G.T.P.    | Calgary, Alta.....                                  | -      | 1       |
| " 6635    | April 19 | W.E.&L.S. | Kingsville, Ont.....                                | -      | 1       |
| " 6660    | May 8    | Wabash    | Darling Road, 1½ miles east.....                    | -      | 5       |
| " 6665    | April 24 | G.T.R.    | Corbyville, Ont., 1 mile west.....                  | 2      | 6       |
| " 6672    | Mar. 31  | C.N.R.    | Hervey Sd., M.P. 7.....                             | -      | 1       |
| " 6678    | May 10   | C.P.R.    | McPerson, Ont.....                                  | -      | 1       |
| " 6684    | May 14   | G.T.P.    | Miniota, Man.....                                   | -      | 3       |
| " 6699    | May 30   | G.T.R.    | Sidney, Ont.....                                    | -      | 1       |
| " 6720    | May 29   | G.T.R.    | London, Ont.....                                    | -      | 6       |
| " 6722    | June 3   | G.T.R.    | Cardinal, Ont., 3 miles west.....                   | -      | 1       |
| " 6723    | June 10  | G.T.R.    | Kerwood, Ont.....                                   | -      | 47      |
| " 6725    | May 4    | C.N.R.    | Iron Spur, S.W.....                                 | -      | 3       |
| " 6726    | May 23   | C.P.R.    | South Junction, Tower.....                          | -      | 1       |
| " 6729    | June 17  | G.T.R.    | Sunnyside, Ont.....                                 | 1      | -       |
| " 6732    | May 27   | G.T.R.    | Trenton, Ont., 1 mile west.....                     | -      | 1       |
| " 6734    | June 12  | C.N.R.    | Nipigon, S.D., M.P. 135-5.....                      | -      | 1       |
| " 6737    | June 17  | G.T.R.    | Ops, ½ mile east Ont.....                           | -      | 3       |
| " 6738    | June 13  | G.T.R.    | Beaverton, Ont., 2 miles east.....                  | -      | 14      |
| " 6763    | June 14  | G.T.R.    | St. Rosalie Junction, Que.....                      | -      | 1       |
| " 6764    | June 14  | T.H. & B. | Between Smithville & Granies, Ont.....              | -      | 8       |
| " 6766    | May 22   | C.N.R.    | Lachute, S.D., 4 miles east M. P. 48.....           | -      | 1       |
| " 6767    | June 9   | G.T.R.    | Sarnia Tunnel, Ont.....                             | -      | 2       |
| " 6780    | July 6   | C.P.R.    | North Bay, S.D., M.P., 31, Ont.....                 | -      | 1       |
| " 6796    | June 30  | G.T.R.    | Port Hope, Ont., 2 miles west.....                  | 2      | 9       |
| " 6800    | Mar. 17  | V.V. & E. | Ardley, B.C.....                                    | -      | 1       |
| " 6816    | July 1   | G.T.P.    | M.P. 553, three poles east of.....                  | -      | -       |
| " 6823    | May 21   | C.N.R.    | Edmonton S.D., 11 poles west of M.P. 708.....       | 1      | -       |
| " 6835    | June 30  | C.N.R.    | Parry Sound, Ont.....                               | -      | 1       |
| " 6836    | July 2   | C.N.R.    | Sudbury S.D., M.P. 6, Ont.....                      | -      | 1       |
| " 6838    | April 18 | C.N.R.    | Blue River S.D., Bridge 88-7.....                   | 1      | 2       |
| " 6847    | July 10  | G.T.P.    | Between Zelma and Allen, Near M.P. 433.....         | 1      | 1       |
| " 6849    | Aug. 4.  | C.P.R.    | North Bay S.D., M.P. 34½.....                       | -      | 1       |
| " 6861    | July 6   | C.N.R.    | Peace River Jet.....                                | 1      | 1       |
| " 6903    | Aug. 6   | C.N.R.    | M.P. 47, five poles west.....                       | 3      | -       |
| " 6936    | Aug. 21  | C.N.R.    | Burnt River, ½ mile south.....                      | -      | 1       |
| " 6950    | Aug. 23  | G.T.R.    | Plouffe Trestle, Montfort S.D.....                  | -      | 2       |
| " 6952    | Aug. 29  | C.N.R.    | Valleyfield, Que.....                               | -      | 1       |
| " 6957    | Sept. 7  | C.N.R.    | Thorlake, Ont., 4 miles east of M.P. 32.....        | -      | 1       |
| " 6968    | July 5   | C.N.R.    | St. Felicien, two miles west of.....                | -      | 2       |
| " 6978    | Sept. 17 | C.N.R.    | Morrin, S.D. Alta., 13 poles south of M.P. 154..... | -      | 2       |
| " 7011    | Aug. 23  | G.T.R.    | London, Ont.....                                    | 1      | 1       |
| " 7014    | Sept. 1  | P.M.R.    | Coatsworth, Ont.....                                | -      | 1       |
| " 7024    | Sept. 13 | C.P.R.    | Clearwater, 4 miles west M.P. 25.....               | -      | 1       |
| " 7025    | Sept. 13 | C.P.R.    | Regent, Sask.....                                   | -      | 3       |
| " 7050    | Oct. 1   | G.T.R.    | Toronto, C.P.R., diamond Don.....                   | -      | 3       |
| " 7054    | Oct. 1   | G.T.R.    | Belleville, Ont.....                                | 1      | -       |
| " 7087    | Sept. 26 | C.P.R.    | New Sarum, Ont.....                                 | -      | 1       |
| " 7093    | Aug. 26  | C.N.R.    | Big Valley, Alta., 3, 2 south of.....               | -      | 3       |
| " 8000    | Oct. 23  | G.T.R.    | Rideau, Ont.....                                    | -      | 4       |
| " 8005    | Oct. 19  | G.T.R.    | Reaboro Station, 10 poles west.....                 | -      | 4       |
| " 8014    | Oct. 11  | G.T.R.    | St. Louis.....                                      | -      | 2       |
| " 8023    | Oct. 11  | C.N.R.    | Kipling S.D., 22 poles west M.P. 127.....           | -      | 2       |
| " 8027    | July 20  | C.P.R.    | Empress S. D., M.P. 28.....                         | -      | 1       |
| " 8043    | Oct. 26  | C.P.R.    | Between Ripley and Gilden.....                      | 1      | 1       |
| " 8045    | Nov. 3   | G.T.R.    | Seneca.....   | -      | 1       |

11 GEORGE V, A. 1921

STATEMENT No. 8.—Showing Derailments Attended by Personal Injury Investigated  
During the Nine Months Ending December 31, 1919—*Concluded*

| File      | Date     | Railway   | PLACE   | Killed | Injured |
|-----------|----------|-----------|---|--------|---------|
| Inv. 8080 | Aug. 23  | C.N.R.    | Miami S.D., Mileage 78.....                       | -      | 1       |
| " 8101    | Nov. 10  | C.N.R.    | Macduff.....                                      | -      | 1       |
| " 8127    | Sept. 28 | C.N.R.    | Prince Albert S.D., Near M.P. 300.....            | -      | 2       |
| " 8129    | Nov. 4   | G.T.P.    | Oban M.P. 537, Main Line.....                     | -      | 2       |
| " 8132    | Nov. 2   | G.T.P.    | Between Vera and Winter, M.P. 602, Main Line..... | -      | 6       |
| " 8138    | Nov. 14  | A.C.&B.B. | Sault Stel Marie, Ont.....                        | -      | 4       |
| " 8154    | Nov. 29  | C.P.R.    | Sudbury M.P. 77, Cartier S.D., M.P. 77.....       | 1      | 3       |
| " 8181    | Dec. 13  | C.N.R.    | Darwell, 2 miles west of.....                     | -      | 1       |
| " 8182    | Nov. 11  | C.N.R.    | Hughton, 1 mile west of.....                      | -      | 1       |
| " 8185    | Nov. 19  | G.T.R.    | Sarnia, Ont.....                                  | -      | 1       |
| " 8191    | Dec. 8   | C.N.R.    | Thorlake M.P. 40, 4 miles west.....               | -      | 2       |
| " 8211    | Dec. 18  | C.P.R.    | Smiths Falls, 1 mile east.....                    | -      | 21      |
| " 8237    | Dec. 27  | G.T.R.    | Algonquin Park, Ont., M.P. 304.....               | -      | 3       |
| " 8253    | Dec. 27  | C.P.R.    | Montreal, Mile End, Que.....                      | -      | 1       |

Total number investigations..... 78  
 Total number killed..... 19  
 Total number injured.....224

STATEMENT No. 9—Showing Highway Crossing Accidents Attended by Personal Injury Investigated During the Nine Months Ending December 31, 1919

| File      | Date     | Railway  | PLACE  | Killed | Injured | Protection  | Remarks       |
|-----------|----------|----------|--|--------|---------|-------------|---------------|
| Inv. 6572 | Mar. 23  | G.T.R.   | Port Union, Ont., Kingston Road.....                             | 1      | 3       | Bell        | Auto          |
| " 6586    | Mar. 20  | C.N.R.   | Portage la Prairie, Man., Gaddy Street.....                      | —      | 1       | Unprotected | Mail sleigh   |
| " 6594    | Mar. 29  | G.T.R.   | Strathroy, Caradoc Street.....                                   | —      | 2       | Unprotected | Pedestrian    |
| " 6597    | Mar. 19  | M.C.R.   | Welland, Ont., Stone Road.....                                   | —      | 1       | Unprotected | Auto          |
| " 6603    | Mar. 20  | G.T.R.   | Peterboro, Ont., Lake St.....                                    | —      | 1       | Unprotected | Pedestrian    |
| " 6604    | Mar. 24  | C.T.R.   | Peterboro, Ont., Perth Street.....                               | —      | 1       | Gates       | Auto          |
| " 6610    | April 4  | C.P.R.   | Cabri, Empress S. D. Rd., Allowance between Secs. 29 and 30..... | —      | 1       | Unprotected | Horse and rig |
| " 6612    | April 7  | G.T.R.   | St. Marys Junction, Ont., Long Crossing 2 miles west.....        | —      | 1       | Unprotected | Horse and rig |
| " 6619    | April 22 | C.P.R.   | Lawrence, 1st crossing east of station.....                      | —      | 1       | Unprotected | Pedestrian    |
| " 6640    | April 24 | C.P.R.   | Etobicoke, Mileage 7-85, Galt S.D.....                           | —      | 1       | Unprotected | Auto          |
| " 6664    | May 7    | C.P.R.   | Oshawa, crossing 2½ miles east.....                              | 1      | —       | Unprotected | Auto          |
| " 6670    | April 14 | G.T.R.   | Cookshire Station, 1, 600 feet west of.....                      | 2      | —       | Unprotected | Horse and rig |
| " 6679    | May 19   | G.T.R.   | Orillia, Missanaga Street.....                                   | 1      | —       | Unprotected | Pedestrian    |
| " 6685    | April 18 | C.N.R.   | St. Boniface, Man., St. Joseph Street.....                       | —      | 1       | Unprotected | Horse and rig |
| " 6693    | May 19   | P.M.R.   | Blenheim, Ont., Talbot Street.....                               | —      | 1       | Unprotected | Horse and rig |
| " 6695    | May 26   | C.P.R.   | Carleton Place, Ont., William Street.....                        | —      | 1       | Unprotected | Pedestrian    |
| " 6702    | May 15   | Me. C.R. | Beecher Falls, Que., crossing ¼ mile west.....                   | 3      | 1       | Bell        | Auto          |
| " 6703    | April 9  | C.N.R.   | Fort William, Ont., Kings Crossing.....                          | —      | 1       | Unprotected | Horse and rig |
| " 6728    | April 25 | C.N.R.   | Minto Station, Johnston Street.....                              | —      | 1       | Unprotected | Auto          |
| " 6739    | June 6   | G.T.R.   | Cobourg, Ont., Carrs Crossing.....                               | —      | 1       | Unprotected | Pedestrian    |
| " 6744    | June 11  | C.N.R.   | Bell's Corners, M.P. 5, Pembroke S. D.....                       | 1      | —       | Unprotected | Pedestrian    |
| " 6750    | June 14  | G.T.R.   | North Fredenburg, Mooney's Crossing, 2 miles east.....           | —      | 2       | Unprotected | Pedestrian    |
| " 6758    | June 21  | G.T.R.   | Vankleek Hill, crossing at station.....                          | 3      | —       | Unprotected | Auto          |
| " 6761    | June 18  | G.T.R.   | Forest, Ont., Road crossing 3 miles east.....                    | —      | 2       | Unprotected | Horse and rig |
| " 6765    | June 20  | G.T.R.   | Danby, crossing 200 feet east of station.....                    | —      | 1       | Unprotected | Auto          |
| " 6775    | June 17  | C.N.R.   | Humberstone, Killaly Street.....                                 | —      | 1       | Unprotected | Pedestrian    |
| " 6776    | June 16  | G.T.R.   | Peterboro, Ont., Lock Street.....                                | 1      | —       | Unprotected | Pedestrian    |
| " 6784    | June 3   | C.N.R.   | Letellier, 500 feet south M.P., 53 Emerson S.D.....              | —      | 1       | Unprotected | Auto          |
| " 6790    | June 23  | C.P.R.   | Toronto, Royce Avenue.....                                       | —      | 5       | Gates       | Auto          |
| " 6799    | July 1   | C.N.R.   | Port Hope crossing Mile 63-5 Orono S.D.....                      | —      | 2       | Unprotected | Motor Cycle   |
| " 6808    | July 5   | G.T.R.   | Canfield, 1st crossing east.....                                 | —      | 1       | Unprotected | Horse and rig |
| " 6815    | July 9   | G.T.R.   | St. Stephens S. D., M.P. 23-1.....                               | —      | 1       | Unprotected | Auto          |
| " 6828    | June 18  | G.T.R.   | Brockville, Ont., North Augusta Road.....                        | 3      | —       | Unprotected | Auto          |
| " 6839    | July 4   | C.P.R.   | Waterville, ¼ mile west.....                                     | —      | 4       | Unprotected | Horse and rig |
| " 6846    | July 10  | G.T.R.   | Winnipeg, Aberdeen Avenue.....                                   | 2      | —       | Unprotected | Auto          |
| " 6857    | July 19  | C.P.R.   | St. Catharines, Page Street.....                                 | —      | 2       | Unprotected | Auto          |
| " 6862    | June 17  | N.S.C.   | Pontypool, 2nd crossing east of.....                             | —      | 1       | Unprotected | Auto          |
| " 6864    | July 28  | C.P.R.   | Niagara Falls, Victoria Avenue.....                              | —      | 2       | Unprotected | Motor truck   |
| " 6869    | July 18  | C.N.R.   | Roxton Falls, Que., Notre Dame Street.....                       | 1      | —       | Unprotected | Pedestrian    |
| " 6879    | July 18  | C.N.R.   | Humboldt, Sask., Park Street crossing.....                       | —      | 1       | Unprotected | Pedestrian    |
| " 6889    | July 15  | G.T.R.   | Amagari, Garrison Road crossing.....                             | —      | 4       | Unprotected | Auto          |

STATEMENT No. 9.—Showing Highway Crossing Accidents Attended by Personal Injury Investigated During the Nine Months Ending December 31, 1919.—Continued

| File      | Date     | Railway     | PLACE   | Killed | Injured | Protection  | Remarks       |
|-----------|----------|-------------|---|--------|---------|-------------|---------------|
| Inv. 6872 | July 31  | C.N.R.      | M. P. 4—9 poles west, Winnipeg S.D.                   | —      | 2       | Unprotected | Auto          |
| " 6874    | Aug. 12  | G.T.R.      | Carlsbad Springs, Ont., 3rd crossing east of station. | 2      | —       | Unprotected | Horse and rig |
| " 6878    | July 11  | C.N.R.      | Montreal, Nicolet Street.                             | —      | 1       | Unprotected | Auto          |
| " 6885    | July 29  | G.T.R.      | Sundridge, Ont., John Street.                         | —      | 2       | Unprotected | Auto          |
| " 6884    | Aug. 5   | C.P.R.      | Toronto, Riverdale Park crossing, Don.                | —      | 2       | Watchman    | Pedestrian    |
| " 6887    | July 17  | G.T.R.      | Brucebridge, Ont., Charles Street.                    | —      | 1       | Unprotected | Team          |
| " 6900    | June 17  | C.N.R.      | Swan Lake, first crossing west.                       | —      | 1       | Unprotected | Auto          |
| " 6906    | July 21  | C.P.R.      | Sintaluta, crossing east of station.                  | —      | 1       | Unprotected | Auto          |
| " 6908    | July 8   | G.T.R.      | Meaford, Ont., Boucher Street.                        | —      | 1       | Unprotected | Auto          |
| " 6914    | Aug. 18  | C.N.R.      | Trenton, Ont., Dundas Street.                         | —      | 2       | Watchman    | Horse and rig |
| " 6930    | Aug. 20  | C.N.R.      | Clarendon Station, 2 miles east.                      | 2      | —       | Unprotected | Horse and rig |
| " 6931    | Aug. 22  | C.N.R.      | Pointe aux Trembles, Que., 6th Avenue.                | 1      | 1       | Unprotected | Motor truck   |
| " 6932    | Aug. 16  | P.M.R.      | Leamington, Ont., 14 miles east.                      | —      | 1       | Unprotected | Auto          |
| " 6941    | Aug. 15  | G.T.R.      | Port Colborne, Ont., Killaly Street.                  | —      | 1       | Unprotected | Motor truck   |
| " 6942    | Sept. 4  | A.C. & H.B. | Sault Ste. Marie, Ont., Huron Street.                 | —      | 1       | Unprotected | Pedestrian    |
| " 6962    | Aug. 14  | C.P.R.      | Cupar, 1st crossing west.                             | —      | 5       | Unprotected | Auto          |
| " 6979    | July 31  | G.T.R.      | Toronto, Cherry Street.                               | —      | 1       | Unprotected | Horse and rig |
| " 6991    | Sept. 17 | G.T.R.      | Kingston Jct., 2 miles west of.                       | —      | 1       | Unprotected | Auto          |
| " 6999    | Aug. 29  | M.C.R.      | Ruscombe, 1 mile west of.                             | —      | 1       | Unprotected | Auto          |
| " 7001    | Sept. 18 | G.T.R.      | Lacolle Jct., 1st crossing west.                      | —      | 4       | Unprotected | Auto          |
| " 7003    | Sept. 5  | C.P.R.      | Perth Junction, Bridge St. crossing.                  | —      | 2       | Unprotected | Auto          |
| " 7007    | Aug. 18  | C.N.R.      | Allenby Jct., 1st crossing east.                      | —      | 1       | Unprotected | Horse and rig |
| " 7030    | Sept. 16 | C.N.R.      | New Hamburg, Ont., Waterloo Street.                   | —      | 1       | Unprotected | Pedestrian    |
| " 6992    | Sept. 5  | C.N.R.      | Colbright Pt., Kingston Road.                         | 1      | —       | Unprotected | Auto          |
| " 7041    | Aug. 16  | H.R.E.      | Hamilton, Ont., Birmingham Avenue.                    | —      | 3       | Unprotected | Auto          |
| " 7044    | Aug. 31  | B. & H.E.   | Brantford, Ont., east of Echo Stop.                   | 1      | —       | Unprotected | Pedestrian    |
| " 7045    | Oct. 4   | G.T.R.      | Lindsay, Ont., Kent Street.                           | —      | 1       | Unprotected | Auto          |
| " 7048    | Sept. 24 | G.T.R.      | Tillsonburg, Ont., Rolph Street.                      | —      | 2       | Unprotected | Auto          |
| " 7049    | Sept. 19 | C.P.R.      | Azure, 6 poles south M. P. 43.                        | —      | 1       | Unprotected | Auto          |
| " 7055    | Sept. 2  | C.P.R.      | Neepawa, 1st Road Allowance west.                     | —      | 1       | Unprotected | Auto          |
| " 7056    | Sept. 26 | C.P.R.      | High Bluff, Road Allowance just west of               | —      | 1       | Unprotected | Horse and rig |
| " 7060    | Aug. 13  | G.T.R.      | Hamilton, Ont., King Street.                          | —      | 1       | Watchman    | Pedestrian    |
| " 7064    | Sept. 5  | G.T.R.      | Newton, 1st crossing north.                           | —      | 3       | Unprotected | Auto          |
| " 7070    | Oct. 4   | G.T.R.      | Niagara Falls, Hydro crossing west of.                | —      | 1       | Unprotected | Auto          |
| " 7081    | Oct. 14  | G.T.R.      | Dorval, Que., 1st crossing west of station.           | 1      | —       | Gates       | Pedestrian    |
| " 7082    | Oct. 7   | C.P.R.      | Brookville, Ont., Elm Street.                         | —      | 1       | Unprotected | Auto          |
| " 7083    | Oct. 9   | G.T.R.      | Prescott, Ont., Ed. Street, ½ mile east.              | —      | 1       | Bell        | Pedestrian    |
| " 7086    | Sept. 26 | C.P.R.      | Soo, Ont., Albert Street west.                        | 1      | —       | Unprotected | Auto          |
| " 7096    | Oct. 2   | G.T.R.      | Milton, Ont., 1st crossing ¼ mile north.              | 1      | —       | Unprotected | Auto          |
| " 8003    | Aug. 19  | C.P.R.      | Crow's Nest S.D., M. P. 96-8.                         | —      | 1       | Unprotected | Auto          |

SESSIONAL PAPER No. 20c

|        |          |             |   |   |             |               |
|--------|----------|-------------|---|---|-------------|---------------|
| " 8016 | Oct. 18  | G.T.R.      | Montreal, Que., Vine Street.....                | 1 | Gates       | Pedestrian    |
| " 8017 | Oct. 8   | C.N.R.      | Montreal, Que., Moreau Street.....              | 1 | Gates       | Pedestrian    |
| " 8019 | Sept. 26 | G.T.R.      | St. Hubert, Que., crossing west of station..... | 1 | Bell        | Auto          |
| " 8025 | Sept. 29 | C.P.R.      | Yorkton, Sask., Broadway crossing.....          | 5 | Watchman    | Auto          |
| " 8026 | Sept. 29 | C.P.R.      | Creacy, 2 miles north of.....                   | 2 | Unprotected | Auto          |
| " 8030 | Sept. 23 | C.P.R.      | Lang Station, 125 yards south.....              | 4 | Unprotected | Auto          |
| " 8038 | Oct. 13  | G.T.R.      | Kitchener, Ont., Lancaster Street.....          | 2 | Bell        | Taxicab       |
| " 8039 | Oct. 17  | C.P.R.      | Portage la Prairie, Man., Lee Street.....       | 2 | Unprotected | Auto          |
| " 8040 | Oct. 20  | G.T.R.      | Guelph, Ont., Victoria Road crossing.....       | 4 | Unprotected | Horse and rig |
| " 8048 | Sept. 29 | L.E. & N.   | Wilsonville Station, Ont.....                   | 1 | Unprotected | Auto          |
| " 8051 | Oct. 11  | C.P.R.      | Chatham, Colborne Street.....                   | 1 | Unprotected | Auto          |
| " 8055 | Oct. 23  | C.P.R.      | Glen Tay, crossing M.P. 13.....                 | 1 | Unprotected | Pedestrian    |
| " 8063 | Oct. 13  | C.N.R.      | North Battleford, crossing 2 miles east.....    | 1 | Unprotected | Auto          |
| " 8077 | Oct. 16  | C.N.R.      | Craik Station, crossing north of.....           | 1 | Unprotected | Pedestrian    |
| " 8085 | Oct. 14  | G.T.R.      | Toronto, Ont., George Street.....               | 1 | Watchman    | Pedestrian    |
| " 8109 | Sept. 22 | C.P.R.      | Bedford, I. am Street.....                      | 1 | Unprotected | Horse and rig |
| " 8133 | Oct. 13  | C.P.R.      | River de Chute.....                             | 1 | Unprotected | Horse and rig |
| " 8146 | Nov. 16  | C.N.R.      | Amon Station, 1st crossing north of.....        | 2 | Unprotected | Horse and rig |
| " 8151 | Nov. 24  | C.P.R.      | Almonte, Ont., John Street crossing.....        | 1 | Bell        | Pedestrian    |
| " 8171 | Oct. 18  | G.T.R.      | Montreal, Mountain Street.....                  | 1 | Gates       | Pedestrian    |
| " 8172 | Sept. 27 | C.P.R.      | Quebec, Marie de I. Carnation Street.....       | 1 | Unprotected | Motor truck   |
| " 8177 | Nov. 22  | C.N.R.      | Allenby Jct., Quinn's crossing.....             | 2 | Unprotected | Horse and rig |
| " 8184 | Nov. 20  | N.S.T.C.&T. | Niagara Falls, Stanley Street.....              | 1 | Unprotected | Auto          |
| " 8188 | Oct. 9   | C.N.R.      | Montreal, Gamble Street.....                    | 1 | Unprotected | Pedestrian    |
| " 8193 | Dec. 1   | G.T.R.      | Brantford, Dalhousie Street.....                | 1 | Unprotected | Horse and rig |
| " 8196 | Sept. 16 | G.T.R.      | Toronto, Mowatt Street.....                     | 1 | Unprotected | Auto          |
| " 8201 | Nov. 29  | C.P.R.      | Ste. Therese, Que., Sanchi Street.....          | 1 | Unprotected | Horse and rig |
| " 8205 | Nov. 26  | C.N.R.      | Dauphin, Man., yard, west crossing.....         | 1 | Unprotected | Pedestrian    |
| " 8209 | Dec. 5   | G.T.R.      | London, Ont., Clarence Street.....              | 1 | Gates       | Auto          |
| " 8212 | Nov. 3   | C.N.R.      | Birnie, 2 miles west of.....                    | 1 | Unprotected | Team & wagon  |
| " 8214 | Dec. 18  | C.P.R.      | Ottawa, Ont., Carleton Avenue.....              | 4 | Unprotected | Team & wagon  |
| " 8219 | Dec. 6   | C.N.R.      | Miami, 2 mile east of.....                      | 3 | Unprotected | Team & wagon  |
| " 6793 | April 22 | V.V. & E.   | Ardley, B.C., Douglas Road crossing.....        | 1 | Unprotected | Auto          |
| " 7020 | Sept. 20 | C.P.R.      | Toronto, Eastern Avenue, Don.....               | 2 | Gates       | Motor car     |
| " 7046 | Sept. 22 | G.T.R.      | Peterboro, Ont., Charlotte Street.....          | 1 | Gates       | Pedestrian    |

Total number o investigations.....116  
 Total number killed.....41  
 Total number injured.....149.

## STATEMENT No. 10.—Showing Accidents to Employees While Working on or Under Engines, Investigated During the Nine Months ending December 31, 1919

| File      | Date     | Railway     | PLACE                                | REMARKS   | Killed | Injured |
|-----------|----------|-------------|--------------------------------------|---|--------|---------|
| Inv. 6615 | April 2  | G.T.R.      | Sarnia Tunnel Station, Ont.          | When tightening steam joint, union nut blew off.                |        |         |
| " 6647    | Mar. 16  | G.T.R.      | Victoriaville, Que.                  | When putting second fire into engine, fire burst through door.  |        |         |
| " 6651    | April 29 | G.T.R.      | Brockville Yard, Ont.                | Steam injector in cab of engine burst.                          |        |         |
| " 6667    | April 26 | G.T.R.      | Peterboro, Ont.                      | When taking water at crane, shaker bar slipped off.             |        |         |
| " 6668    | May 8    | G.T.R.      | Watford, Ont.                        | Shaking grates on engine, shaker bar slipped off.               |        |         |
| " 6669    | May 12   | G.T.R.      | Jarvis, Ont., 3 1/2 miles east of    | Flue burst in fire-box of engine.                               |        |         |
| " 6677    | May 15   | C.P.R.      | Chalk River, Ont.                    | Water glass in engine cab burst.                                |        |         |
| " 6688    | May 12   | C.P.R.      | St. Thomas, Ont.                     | Engine tank was pulled from engine, fell between them.          |        |         |
| " 6724    | April 24 | M.C.R.      | Chapleau Yard, Ont.                  | Mounting side of boiler, slipped and fell to ground.            |        |         |
| " 6730    | May 26   | C.P.R.      | Clinton, Ont.                        | Tightening delivery pipe joint on engine, nut came off.         |        |         |
| " 6778    | May 27   | G.T.R.      | Coyte, B.C., west of M. 31-8.        | Sitting on window sill of engine cab, fell out.                 |        |         |
| " 6782    | June 19  | K.V.R.      | Port Colborne, Ont.                  | Standing on gangway of engine, crushed between cab and tender.  |        |         |
| " 6783    | June 24  | G.T.R.      | Sarnia Tunnel, Ont.                  | Fore-arms burned while dumping and cleaning fire.               |        |         |
| " 6794    | June 14  | G.T.R.      | Windsor, Ont.                        | Turned wrong over-flow valve.                                   |        |         |
| " 6795    | June 28  | Wab. R.     | Windsor, Ont.                        | Reverse lever dropped in corner.                                |        |         |
| " 6818    | June 19  | C.T.R.      | York, Ont.                           | Getting out of cab, fell to ground.                             |        |         |
| " 6821    | July 12  | G.T.R.      | Brockville, Ont.                     | Putting plug in lubricator, oil blew back into face.            |        |         |
| " 6886    | July 5   | G.T.R.      | Port Dalhousie, Ont.                 | Fingers caught in vestibule tender and cab of engine.           |        |         |
| " 6891    | July 29  | G.T.R.      | Gananoque Jet., Ont.                 | Jumped from engine to avoid escaping steam, engine failure.     |        |         |
| " 6892    | June 25  | C.P.R.      | M. 104 MacLeod S.D., Alta.           | Closing doors on back of tender.                                |        |         |
| " 6893    | July 19  | G.T.R.      | Bellefleur, Ont.                     | Taking down side rods and connections.                          |        |         |
| " 6895    | July 19  | M.C.R.      | Montague, 1 mile east of, Ont.       | Chinlump front of engine, fell to ground.                       |        |         |
| " 6899    | July 31  | G.T.R.      | Bellefleur Yard, Ont.                | Sprinkling hose blew off at nipple.                             |        |         |
| " 6918    | July 8   | C.N.R.      | Ground Hog Pt., Ont.                 | Working at steam joint.   |        |         |
| " 6919    | July 22  | G.T.R.      | Port Hope, Ont.                      | Hose flew off injector pipe.                                    |        |         |
| " 6934    | July 4   | C.N.R.      | Colbourg, Ont.                       | Bolt out of reverse lever quadrant bracket, lever dropped down. |        |         |
| " 6939    | Aug. 13  | G.T.R.      | Between Caldwell and Eganville, Ont. | Reverse lever jumped out of quadrant.                           |        |         |
| " 6961    | Sept. 3  | C.P.R.      | Copetown, Ont.                       | While getting out of cab window, fell to ground.                |        |         |
| " 6966    | Aug. 1   | C.P.R.      | Fredrickton Yard, N.B.               | While getting down off front of engine, fell to ground.         |        |         |
| " 7002    | Aug. 31  | G.T.R.      | Cooran Jet., Que.                    | When firing engine, flames issued from fire-box door.           |        |         |
| " 7008    | Sept. 3  | G.T.R.      | Richmond, Que.                       | When brake was applied, steam came out of steam pipe.           |        |         |
| " 7032    | Aug. 23  | G.T.R.      | Pt. Edward, Ont.                     | Struck by brake cylinder and apron when dismantling cab.        |        |         |
| " 7038    | Aug. 28  | G.M. & S.R. | St. Joseph, Que.                     | Superheater header gave out, explosion in fire-box.             |        |         |
| " 7065    | Sept. 29 | C.P.R.      | McAdam Yard, N.B.                    | Slipped and fell when mounting engine.                          |        |         |
| " 7083    | Oct. 9   | G.T.R.      | Toronto, Ont.                        | Man under engine raking ashpan, engine started.                 |        |         |
| " 8008    | Oct. 10  | G.T.R.      | Bellefleur, Ont.                     | Fire broke through front end of engine.                         |        |         |
| " 8029    | Aug. 2   | C.P.R.      | Griffin, Sask.                       | Removing arch bricks from fire-box.                             |        |         |
| " 8034    | Oct. 11  | G.T.R.      | Gananoque Jet.                       | Engine moved whilst man was under tender fixing B. rigging.     |        |         |
| " 8047    | Nov. 1   | C.P.R.      | West Toronto, Ont.                   | Reversing lever dropped from centre.                            |        |         |
| " 8050    | Oct. 24  | G.T.R.      | Moose Creek, Ont.                    | Knee came in contact with latch on fire-box door.               |        |         |
| " 8053    | Oct. 8   | C.P.R.      | Hochelega Round House, Que.          |   |        |         |

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|      |         |        |                                   |  |   |
|------|---------|--------|-----------------------------------|--|---|
| 8078 | Nov. 13 | C.N.R. | Vermilion Yard, Alta.             | Torch exploded.  | 1 |
| "    | 8136    | C.P.R. | Ashbury, Man.                     | Washout plug of tube sheet blew out.                   | 1 |
| "    | 8150    | M.C.R. | Victoria Park, Ont.               | Washout plug on engine blew out.                       | 2 |
| "    | 8158    | C.N.R. | Fort Rouge Yards, Man.            | Caught foot in brake gear when engine released brakes. | 1 |
| "    | 8176    | G.T.R. | Newtonville, Ont.                 | Shaker bar slipped off lever.                          | 1 |
| "    | 8218    | C.N.R. | Chambord, Que.                    | Sprinkler pipe broke.                                  | 1 |
| "    | 8228    | C.N.R. | Gamebridge, Ont., 1 mile east of. | Struck by flying pieces of main pin when same broke.   | 1 |
| "    | 8079    | G.T.R. | St. Cyr, Que., 1/2 mile west of.  | Crown stays in front of engine gave way.               | 4 |

Total number of investigations.....48  
 Total number killed.....1  
 Total number injured.....51





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STATEMENT No. 12.—Statement showing highway crossings at which protection provided, and nature of protection, during the period of nine months ending December 31, 1919.

| File No. | Order No. | Location of Crossing.                         | Railway. | Nature of Protection.   |
|----------|-----------|---|----------|---|
| 26765-52 | 28210     | Galt, Ont., Walnut street.....                | G.T.R.   | Cars to be kept back two car lengths from the south side of Walnut st., while standing on crossing.   |
| 26765-86 | 28257     | Aultsville, Ont., crossing 100 feet east..... | G.T.R.   | Automatic bell.   |
| 27608-3  | 28258     | Edmonton, Alta., 115th avenue.....            | G.T.P.   | Day and night watchman during period of exhibition.   |
| 26765-80 | 28305     | Orillia, Ont., Muskoka Road crossing.....     | G.T.R.   | Automatic bell.   |
| 26842-12 | 28401     | Maudstone, Ont., 1 abbot Road crossing.....   | M.C.R.   | Automatic bell.   |
| 9437-979 | 28406     | Grenfell, Sask., Anderson street.....         | C.P.R.   | Two automatic bells, one on either side of tracks, also that trees obstructing the view toward the east at crossing when approaching from the south be cut down and that the watchman's cabin be removed: all cars to be kept back 100 feet east of the street. |
| 9437-574 | 28547     | Niagara Falls, Ont., Bender avenue.....       | M.C.R.   | Installation of wig-wag signal.   |
| 9437-931 | 28546     | Niagara Falls, Ont., Ferry road.....          | M.C.R.   | Installation of wig-wag signal.   |
| 26727-34 | 28892     | Renfrew, Ont., Renfrew street.....            | C.P.R.   | Cars on north siding to be kept clear 100 feet; and when south siding is used, cars to be kept clear 100 feet.  |
| 27929-7  | 29052     | Middlemarch, Ont., crossing near station..... | P.M.R.   | Automatic bell.   |
| 26711-17 | 29130     | Fort William, Ont., Brock street.....         | C.N.R.   | Wig-wags and automatic bell.  |
| 26711-16 | 29131     | Fort William, Ont., Francis street.....       | C.N.R.   | Wig-wags and automatic bell.  |
| 26711-15 | 29127     | Fort William, Ont., Amelia street.....        | C.N.R.   | Wig-wags and automatic bell.  |
| 8349-2   | 29095     | Brantford, Ont., St. Paul's avenue.....       | G.T.R.   | Subway.   |

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STATEMENT No. 13.—Statement showing the number of highway crossings at which protection has been ordered by the Board, and the nature of protection set out by provinces, for nine months ending December 31, 1919.

| Nature of Protection.                                     | Nova Scotia | New Brunswick | Quebec | Ontario | Manitoba | Saskatchewan | British Columbia | Alberta | Total. |
|---|-------------|---------------|--------|---------|----------|--------------|------------------|---------|--------|
| Bell .....  |             |               |        | 4       |          | 2            |                  |         | 6      |
| Subway .....  |             |               |        | 1       |          |              |                  |         | 1      |
| Bell and wig-wag .....                                    |             |               |        | 3       |          |              |                  |         | 3      |
| Wig-wag .....   |             |               |        | 2       |          |              |                  |         | 2      |
| Watchman, day and night, period of exhibition .....       |             |               |        |         |          |              |                  | 1       | 1      |
| Diversion .....   |             |               |        | 5       |          | 1            |                  |         | 6      |
| Removal view obstruction .....                            |             |               |        |         |          | 2            |                  |         | 2      |
| Closing of street .....                                   |             |               |        | 1       |          | 1            |                  |         | 2      |
| Cars to be kept clear on sidings specified distance ..... |             |               |        | 2       |          | 1            |                  |         | 3      |
| Bridge .....  |             |               |        | 2       |          |              |                  |         | 2      |
|   |             |               |        | 10      |          | 7            |                  | 1       | 28     |

STATEMENT No. 14.—Statement showing number of persons killed and injured at public highway crossings, separately for each year for four years ending March 31, 1919, and nine months ending December 31, 1919.

| Year.                              | Gates. |    | Bell. |    | Watchman. |    | Unprotected |     | Total. |     |
|------------------------------------|--------|----|-------|----|-----------|----|-------------|-----|--------|-----|
|                                    | K.     | I. | K.    | I. | K.        | I. | K.          | I.  | K.     | I.  |
| 1916.. .....                       | 3      | 4  | 9     | 8  | 2         | 5  | 31          | 57  | 45     | 74  |
| 1917. ....                         | 10     | 15 | 4     | 10 | 1         | 13 | 45          | 98  | 60     | 136 |
| 1918. ....                         | 6      | 15 | 9     | 12 | .....     | 5  | 52          | 119 | 67     | 151 |
| 1919. ....                         | 3      | 20 | 10    | 20 | 1         | 7  | 27          | 115 | 41     | 162 |
| Nine months ending Dec. 31, 1919.. | 4      | 9  | 4     | 7  | 4         | 9  | 36          | 138 | 48     | 163 |
|                                    | 26     | 63 | 36    | 57 | 8         | 39 | 191         | 527 | 261    | 686 |

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STATEMENT No. 15.—Statement showing the number of highway crossing accidents, the nature of same, for each and every year separately for the four years ending March 31, 1919, and nine months ending December 31, 1919.

|                    | Gates. |        |        |        |                 | Watchman. |        |        |        |                 | Bell.  |        |        |        |                 | Unprotected. |        |        |        |                 | Total. |        |        |        |                 | Grand Total. |        |        |        |        |                 |     |    |    |    |     |     |
|--------------------|--------|--------|--------|--------|-----------------|-----------|--------|--------|--------|-----------------|--------|--------|--------|--------|-----------------|--------------|--------|--------|--------|-----------------|--------|--------|--------|--------|-----------------|--------------|--------|--------|--------|--------|-----------------|-----|----|----|----|-----|-----|
|                    | 1916   | 1917   | 1918   | 1919   | Nine mos. 1919. | 1916      | 1917   | 1918   | 1919   | Nine mos. 1919. | 1916   | 1917   | 1918   | 1919   | Nine mos. 1919. | 1916         | 1917   | 1918   | 1919   | Nine mos. 1919. | 1916   | 1917   | 1918   | 1919   | Nine mos. 1919. |              | 1916   | 1917   | 1918   | 1919   | Nine mos. 1919. |     |    |    |    |     |     |
|                    | Total. | Total. | Total. | Total. | Total.          | Total.    | Total. | Total. | Total. | Total.          | Total. | Total. | Total. | Total. | Total.          | Total.       | Total. | Total. | Total. | Total.          | Total. | Total. | Total. | Total. | Total.          |              | Total. | Total. | Total. | Total. | Total.          |     |    |    |    |     |     |
| Automobile.....    | 2      | 1      | 3      | 4      | 10              | 2         | 1      | 3      | 1      | 8               | 2      | 4      | 5      | 13     | 5               | 11           | 29     | 45     | 49     | 134             | 11     | 29     | 45     | 49     | 50              | 15           | 36     | 54     | 66     | 60     | 184             | 15  | 36 | 54 | 66 | 60  | 231 |
| Horse and rig..... | 1      | 2      | 1      | .....  | 4               | 1         | 4      | 3      | .....  | 1               | 7      | 7      | 3      | 1      | .....           | 18           | 49     | 45     | 43     | 28              | 25     | 190    | 58     | 50     | 29              | 26           | 58     | 50     | 29     | 26     | 190             | 58  | 50 | 29 | 26 | 221 |     |
| Pedestrian.....    | 6      | 12     | 9      | 17     | 48              | 3         | 1      | 1      | 6      | 3               | 14     | 2      | 4      | 3      | 1               | 14           | 17     | 25     | 21     | 22              | 106    | 28     | 42     | 35     | 47              | 30           | 28     | 42     | 35     | 47     | 106             | 28  | 42 | 35 | 47 | 30  | 182 |
| Total.....         | 7      | 16     | 11     | 20     | 8               | 6         | 6      | 7      | 7      | 5               | 31     | 11     | 15     | 17     | 6               | 61           | 77     | 99     | 109    | 98              | 97     | 480    | 101    | 136    | 139             | 142          | 480    | 101    | 136    | 139    | 142             | 634 |    |    |    |     |     |

The total of 634 accidents covers 261 persons killed and 686 persons injured, as referred to in preceding statement.

STATEMENT No. 16.—Statement showing the number of trespassers killed and injured by provinces and railways for nine months ending December 31, 1919.

| Name of Railway.              | Nova Scotia. |    | New Brunswick. |    | Quebec. |    | Ontario. |    | Manitoba. |    | Saskatchewan. |    | Alberta. |    | British Columbia. |    | Total. |    |
|-------------------------------|--------------|----|----------------|----|---------|----|----------|----|-----------|----|---------------|----|----------|----|-------------------|----|--------|----|
|                               | K.           | I. | K.             | I. | K.      | I. | K.       | I. | K.        | I. | K.            | I. | K.       | I. | K.                | I. | K.     | I. |
| Grand Trunk                   |              |    |                |    | 4       | 13 | 14       | 13 |           |    |               |    |          |    |                   |    | 18     | 26 |
| Canadian Pacific              |              |    |                | 1  | 7       | 8  | 15       | 10 | 2         | 1  | 3             | 1  | 1        | 1  | 1                 | 1  | 29     | 22 |
| Canadian National             |              |    |                |    | 5       | 4  | 4        | 4  | 3         | 1  |               |    | 2        |    |                   | 9  | 13     |    |
| Grand Trunk Pacific           |              |    |                |    |         |    |          |    |           |    | 1             | 1  |          |    |                   | 1  | 1      |    |
| Toronto, Hamilton and Buffalo |              |    |                |    |         | 1  | 1        |    |           |    |               |    |          |    | 1                 | 1  | 1      |    |
| Esquimalt and Nanaimo         |              |    |                |    |         | 1  | 1        |    |           |    |               |    |          |    | 1                 | 1  | 1      |    |
| Michigan Central              |              |    |                |    |         |    |          |    |           |    |               |    |          |    |                   |    | 1      |    |
| Quebec, Montreal and Southern |              |    |                |    |         |    |          |    |           |    |               |    |          |    |                   |    | 1      |    |
| Kettle Valley                 |              |    |                |    |         |    |          | 1  | 1         |    |               |    |          |    |                   | 1  | 1      |    |
| Agulna Central and Hudson Bay |              |    |                |    |         |    | 1        | 1  |           |    |               |    |          |    |                   | 2  | 1      |    |
| Wabash                        |              |    |                |    | 2       |    |          |    |           |    |               |    |          |    |                   | 2  | 2      |    |
| New York Central              |              |    |                |    |         |    |          | 1  |           |    |               |    |          |    |                   | 1  | 1      |    |
| Lake Erie and Northern        |              |    |                |    |         |    |          |    |           |    |               |    |          |    | 2                 | 2  | 2      |    |
| Vancouver, Victoria and E.    |              |    |                | 1  | 13      | 27 | 36       | 30 | 5         | 2  | 1             | 2  | 4        | 3  | 5                 | 3  | 64     | 68 |

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STATEMENT No. 17.—Statement showing the number of persons killed and injured on the various railways under the jurisdiction of the Board from April 1, 1911, until March 31, 1919, and nine months ending December 31, 1919, classified under three headings and shown separately for each and every year.

| Year.              | Passengers. |       | Employees. |        | Others. |       | Total. |        |
|--------------------|-------------|-------|------------|--------|---------|-------|--------|--------|
|                    | K.          | I.    | K.         | I.     | K.      | I.    | K.     | I.     |
| 1911.....          | 24          | 132   | 263        | 788    | 207     | 199   | 494    | 1,119  |
| 1912.....          | 28          | 292   | 230        | 1,381  | 231     | 238   | 489    | 1,911  |
| 1913.....          | 21          | 410   | 303        | 4,603  | 319     | 218   | 643    | 2,231  |
| 1914.....          | 31          | 339   | 249        | 1,250  | 314     | 310   | 594    | 1,899  |
| 1915.....          | 8           | 259   | 99         | 873    | 230     | 251   | 337    | 1,363  |
| 1916.....          | 17          | 140   | 120        | 788    | 200     | 197   | 337    | 1,125  |
| 1917.....          | 16          | 280   | 155        | 1,174  | 212     | 239   | 383    | 1,693  |
| 1918.....          | 22          | 342   | 137        | 1,220  | 174     | 268   | 333    | 1,830  |
| 1919.....          | 28          | 202   | 117        | 1,344  | 119     | 267   | 264    | 1,813  |
| 1919—9 months..... | 4           | 274   | 91         | 951    | 128     | 277   | 223    | 1,502  |
|                    | 199         | 2,650 | 1,764      | 11,372 | 2,134   | 2,464 | 4,097  | 16,486 |

STATEMENT No. 18.—Statement showing the number of persons killed and injured in the more prominent accidents on the various railways under the jurisdiction of the Board shown separately for each year for the four years ending March 31, 1919, and nine months ending December 31, 1919.

|  | 1916. |     | 1917. |     | 1918. |     | 1919. |     | Nine months<br>end. Dec. 31 1919. |     | Total. |       |
|--|-------|-----|-------|-----|-------|-----|-------|-----|-----------------------------------|-----|--------|-------|
|  | K.    | I.  | K.    | I.  | K.    | I.  | K.    | I.  | K.                                | I.  | K.     | I.    |
| Derailment.....                            | 6     | 55  | 10    | 234 | 19    | 242 | 9     | 159 | 13                                | 247 | 57     | 937   |
| Collision, head-on.....                    | 4     | 5   | 6     | 45  | 6     | 47  | 8     | 57  | 4                                 | 85  | 28     | 539   |
| Collision, rear end.....                   | 11    | 76  | 16    | 42  | 14    | 86  | 3     | 53  | 1                                 | 15  | 45     | 272   |
| Collision in yard.....                     | 26    | 31  | 3     | 13  | 9     | 58  | 2     | 40  | 2                                 | 21  | 40     | 165   |
| Collision with cars, open switch.....      |       | 3   |       | 15  |       | 7   | 1     | 7   |                                   | 20  | 3      | 52    |
| Collision with cars foul of main line..... | 1     |     | 2     | 5   |       | 14  | 1     | 1   |                                   | 1   | 3      | 21    |
| Collision at level crossing.....           |       | 1   | 2     | 22  |       | 14  | 3     | 18  |                                   | 3   | 5      | 58    |
| Highway crossing protected.....            | 14    | 17  | 15    | 38  | 15    | 32  | 14    | 47  |                                   | 12  | 25     | 70    |
| Highway crossing unprotected.....          | 31    | 57  | 45    | 98  | 52    | 119 | 27    | 115 | 36                                | 138 | 191    | 527   |
| Adjusting couplers, uncoupling, etc.....   | 5     | 39  | 5     | 53  | 5     | 70  | 6     | 75  | 3                                 | 59  | 24     | 296   |
| Trespassing.....                           | 143   | 102 | 129   | 79  | 93    | 64  | 77    | 102 | 64                                | 68  | 506    | 415   |
| Hand car, motor, struck by train.....      | 5     | 3   | 6     | 7   | 5     | 11  | 10    | 15  | 7                                 | 8   | 33     | 44    |
| Struck by switch stand, etc.....           | 2     | 6   |       | 19  |       | 15  | 2     | 22  |                                   | 25  | 4      | 87    |
| Caught between cars and buildings.....     | 2     | 8   | 1     | 17  | 1     | 12  | 3     | 13  |                                   | 6   | 7      | 56    |
| Falling off passenger train.....           | 1     | 12  | 4     | 13  | 4     | 13  | 7     | 7   |                                   | 17  | 17     | 62    |
| Falling off top of car.....                | 5     | 22  | 4     | 21  | 6     | 23  | 2     | 37  | 7                                 | 37  | 24     | 140   |
| Falling between cars going over top.....   |       | 3   |       | 4   |       | 1   |       | 3   |                                   | 1   | 5      | 7     |
| Jumping off train in motion.....           | 11    | 38  | 12    | 53  | 6     | 46  | 5     | 46  | 1                                 | 54  | 35     | 237   |
| Attempt to board train in motion.....      | 8     | 22  | 4     | 20  | 13    | 24  | 3     | 35  | 1                                 | 31  | 29     | 142   |
| Run down by engine or car.....             | 27    | 42  | 63    | 56  | 43    | 50  | 32    | 54  | 27                                | 41  | 192    | 243   |
| Locomotive dropping crown sheet.....       |       |     |       | 2   | 18    | 3   | 1     | 8   |                                   |     | 19     | 17    |
|  | 302   | 542 | 329   | 866 | 310   | 952 | 218   | 920 | 180                               | 910 | 1,339  | 4,190 |

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STATEMENT No. 19.—Statement showing Number of Cars Inspected together with defects for Nine Months ending December 31, 1919.

| Name of Railway.                | Cars Inspected. | Cars Defective | Per Cent Defective | Grand Total Defects | Couplers and parts | Per Cent Defective | Per Cent Defective mechanism | Per Cent Defective | Hand-holds | Per Cent Defective | Air Brakes | Per Cent Defective |
|---------------------------------|-----------------|----------------|--------------------|---------------------|--------------------|--------------------|------------------------------|--------------------|------------|--------------------|------------|--------------------|
| Canadian Pacific.....           | 20,885          | 1,011          | 4.84               | 1,105               | 30                 | 2.71               | 207                          | 18.73              | 18         | 1.02               | 667        | 60.03              |
| Grand Trunk.....                | 12,173          | 601            | 4.96               | 699                 | 27                 | 3.86               | 95                           | 13.59              | 17         | 2.43               | 488        | 69.81              |
| Canadian National.....          | 7,829           | 346            | 4.41               | 385                 | 11                 | 2.85               | 79                           | 20.51              | 12         | 3.11               | 222        | 57.66              |
| Grand Trunk Pacific.....        | 1,258           | 69             | 5.48               | 73                  | 2                  | 2.73               | 11                           | 15.06              | 8          | 10.95              | 34         | 46.57              |
| Pere Marquette.....             | 632             | 31             | 4.90               | 33                  | .....              | .....              | 1                            | 3.03               | .....      | .....              | 31         | 63.93              |
| Toronto, Hamilton and Buffalo.. | 62              | 2              | 3.22               | 2                   | .....              | .....              | .....                        | .....              | .....      | .....              | 2          | 100.00             |
| Boston and Maine.....           | 60              | 1              | 1.66               | 1                   | .....              | .....              | .....                        | .....              | .....      | .....              | 1          | 100.00             |
| Michigan Central.....           | 1,690           | 47             | 1.78               | 50                  | .....              | .....              | 4                            | 8.00               | .....      | .....              | 38         | 76.00              |
| Dominion Atlantic.....          | 245             | 30             | 12.24              | 30                  | 1                  | 3.33               | 1                            | 3.33               | .....      | .....              | 21         | 70.00              |
| Quebec Central.....             | 37              | 4              | 10.81              | 4                   | .....              | .....              | .....                        | .....              | .....      | .....              | 3          | 75.00              |
|                                 | 45,871          | 2,142          | 4.67               | 2,382               | 71                 | 2.98               | 398                          | 16.70              | 55         | 2.30               | 1,507      | 63.26              |

| Name of Railway.                | Ladders. | Per Cent defective. | Sill Steps. | Per Cent defective. | Height of couplers. | Per Cent defective. | Miscellaneous. | Per Cent defective. |
|---------------------------------|----------|---------------------|-------------|---------------------|---------------------|---------------------|----------------|---------------------|
| Canadian Pacific.....           | 45       | 4.07                | 97          | 8.77                | 5                   | 0.45                | 36             | 3.25                |
| Grand Trunk.....                | 12       | 1.85                | 39          | 5.57                | 1                   | 0.14                | 20             | 2.86                |
| Canadian National.....          | 8        | 2.07                | 25          | 6.49                | 3                   | 0.77                | 25             | 6.49                |
| Grand Trunk Pacific.....        | .....    | .....               | 8           | 10.95               | .....               | .....               | 9              | 12.32               |
| Pere Marquette.....             | 1        | 3.03                | .....       | .....               | .....               | .....               | .....          | .....               |
| Toronto, Hamilton and Buffalo.. | .....    | .....               | .....       | .....               | .....               | .....               | .....          | .....               |
| Boston and Maine.....           | .....    | .....               | .....       | .....               | .....               | .....               | .....          | .....               |
| Michigan Central.....           | 2        | 4.00                | 5           | 10.00               | .....               | .....               | 1              | 2.00                |
| Dominion Atlantic.....          | 2        | 6.66                | 4           | 13.33               | .....               | .....               | 1              | 3.33                |
| Quebec Central.....             | .....    | .....               | .....       | .....               | .....               | .....               | .....          | .....               |
|                                 | 71       | 2.98                | 179         | 7.51                | 9                   | 0.37                | 92             | 3.86                |

STATEMENT No. 20.—Statement showing defective safety appliances on freight cars as reported by the inspectors for nine months ending December 31, 1919.

COUPLERS AND PARTS.

Table with 2 columns: Description and Quantity. Includes items like Coupler body broken, Knuckle worn, Lock block broken, etc. Total: 71

Total..... 71

UNCOUPLING MECHANISM.

Table with 2 columns: Description and Quantity. Includes items like Uncoupling lever broken, End casting wrong, Keeper broken, etc. Total: 398

Total..... 398

HANDHOLDS.

Table with 2 columns: Description and Quantity. Includes items like Handhold broken, Handhold bent, Handhold loose, etc. Total: 55

Total..... 55

HEIGHT OF COUPLERS.

Table with 2 columns: Description and Quantity. Includes items like Coupler too high, Coupler too low, Carrier iron loose, etc. Total: 9

Total..... 9

AIR BRAKES.

Table with 2 columns: Description and Quantity. Includes items like Triple valve defective, Release cock missing, Brake cut out, etc. Total: 1,507

Total..... 1,507

LADDERS.

Table with 2 columns: Description and Quantity. Includes items like Ladder round broken, Ladder round bent, Ladder round loose, etc. Total: 71

Total..... 71

SILL STEPS.

Table with 2 columns: Description and Quantity. Includes items like Sill step broken, Sill step bent, Sill step loose, etc. Total: 179

Total..... 179

MISCELLANEOUS.

Table with 2 columns: Description and Quantity. Includes items like Grand Total: 2,382

Grand Total..... 2,382



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STATEMENT No. 21A.—Statement of defects on freight cars shown separately for four years ending March 31, 1919, and nine months ending December 31, 1919.

|                           | 1916. | 1917. | 1918. | 1919. | Nine mos.<br>ending<br>Dec. 31, 1919 | Total. |
|---------------------------|-------|-------|-------|-------|--------------------------------------|--------|
| Couplers and parts.....   | 100   | 100   | 54    | 109   | 71                                   | 434    |
| Uncoupling mechanism..... | 551   | 548   | 470   | 809   | 398                                  | 2,776  |
| Handholds.....            | 340   | 291   | 158   | 152   | 55                                   | 996    |
| Air brakes.....           | 3,127 | 1,887 | 1,710 | 2,959 | 1,507                                | 11,190 |
| Ladders.....              | 151   | 99    | 97    | 142   | 71                                   | 560    |
| Sill steps.....           | 213   | 195   | 158   | 236   | 179                                  | 981    |
| Height of couplers.....   | 4     | 4     | 6     | 11    | 9                                    | 34     |
| Miscellaneous.....        | 565   | 371   | 214   | 342   | 92                                   | 1,584  |
|                           | 5,051 | 3,495 | 2,867 | 4,760 | 2,382                                | 18,555 |

STATEMENT No. 21B.—Statement of cars inspected and defective shown separately for four years ending March 31, 1919, and nine months ending December 31, 1919.

|                           | 1916.  | 1917.  | 1918.  | 1919.  | Nine mos.<br>ending Dec.<br>31, 1919. | Total   |
|---------------------------|--------|--------|--------|--------|---------------------------------------|---------|
| Cars inspected.....       | 77,491 | 58,073 | 52,224 | 77,261 | 45,871                                | 310,920 |
| Cars defective.....       | 4,541  | 2,957  | 2,499  | 4,232  | 2,142                                 | 16,371  |
| Percentage defective..... | 5.86   | 5.09   | 4.79   | 5.48   | 4.67                                  | 5.27    |





STATEMENT No. 22.—Showing Number of Engines Inspected, by Railways, Together with Defects, for Nine Months Ending December 31, 1919.—Continued

| LOCOMOTIVE DEFECTS                                       | West Pwr. | Mc. Cen. | Hal & S.W. | Tenns-Counta | Atl. Q. & W. | Que. Orienta | M.F. & Michel | Esq. & Nau-aimo | Wpg. J.T. | Kent Nor. | T.H. & B. & Mc | Bos. & Mc | O. & N.Y. | Dom. Atlantic | Total Defects |
|--|-----------|----------|------------|--------------|--------------|--------------|---------------|-----------------|-----------|-----------|----------------|-----------|-----------|---------------|---------------|
| 1 Air compressor.....                                    | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | -             |
| 2 Arch tubes.....  | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 78            |
| 3 Ash pan or mechanism.....                              | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 4             |
| 4 Axles.....   | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 1             |
| 5 Blow-off cocks.....                                    | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 2             |
| 6 Boiler checks.....                                     | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 3             |
| 7 Boiler shell.....                                      | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 1             |
| 8 Brake equipment.....                                   | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 3             |
| 9 Cabs or cab windows.....                               | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 1             |
| 10 Cab aprons or decks.....                              | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 1             |
| 11 Cab cards.....  | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 12            |
| 12 Coupling or uncoupling devices.....                   | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 1             |
| 13 Crossheads, guides, pistons or piston rods.....       | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 1             |
| 14 Crown bolts.....                                      | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 1             |
| 15 Cylinders, saddles or steam chests.....               | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 61            |
| 16 Cylinder cocks or rigging.....                        | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | 3              | -         | -         | -             | 3             |
| 17 Domes or dome caps.....                               | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 1             |
| 18 Draft gear.....                                       | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 16            |
| 19 Draw gear.....  | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 2             |
| 20 Drvg. boxes, shoes, wedges, pedestals and braces..... | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 5             |
| 21 Fire box sheets.....                                  | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 2             |
| 22 Flues.....  | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 8             |
| 23 Frames, tail-pieces, or braces, locomotive.....       | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 3             |
| 24 Frames, tender.....                                   | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 1             |
| 25 Gauges or gauge fittings, air.....                    | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 1             |
| 26 Gauges or gauge fittings, steam.....                  | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 1             |
| 27 Gauge cocks.....                                      | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 1             |
| 28 Grate shakers.....                                    | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 93            |
| 29 Handholds.....  | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 1             |
| 30 Injectors inoperative.....                            | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 1             |
| 31 Injectors and connections.....                        | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 3             |
| 32 Inspection or tests not made as required.....         | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 1             |
| 33 Lateral motion.....                                   | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 1             |
| 34 Lights, cab or classification.....                    | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 1             |
| 35 Lights, headlights.....                               | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 1             |
| 36 Lubricator or shields.....                            | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | -              | -         | -         | -             | 1             |
| 37 Mud rings.....  | -         | -        | -          | -            | -            | -            | -             | -               | -         | -         | 1              | -         | -         | -             | 12            |



## APPENDIX D.

OTTAWA, February 16, 1920.

MR. A. D. CARTWRIGHT,  
Secretary, Board of Railway Commissioners for Canada,  
Ottawa, Ontario.

SIR.—I have the honour to submit herewith the report of the Fire Inspection Department for nine months ending December 31, 1919, for the fifteenth annual report of the Board.

## ORGANIZATION.

The plan of co-operation with the Dominion and provincial forest fire protective organizations reported in previous annual reports has been continued. During the past year eighty-five officials of such organizations acted as officers of the Fire Inspection Department, as follows:—

|  |         |
|--|---------|
| British Columbia Forest Branch.....                    | 31 men. |
| Dominion Parks Branch.....                             | 4 "     |
| Dominion Forestry Branch.....                          | 5 "     |
| Ontario Forestry Branch.....                           | 23 "    |
| Quebec Forest Service.....                             | 15 "    |
| New Brunswick Forest Service.....                      | 3 "     |
| Office of Chief Fire and Game Guardian of Alberta..... | 2 "     |
| Office of Fire Commissioner of Saskatchewan.....       | 2 "     |
| Total.....   | 85 men  |

## RAILWAY FIRE PATROLS.

The standardized system of railway fire patrols which railway companies are required to place in effect during the fire season, as outlined in previous reports, was not materially altered. In certain limited territory, a trial is being made of special fire patrols by men detailed from section crews, instead of by extra men who have no other duties. This plan can give satisfactory results only under unusually favourable conditions, such as the adequate staffing of section forces, special overhead supervision by the railway company, clean rights of way and adequate inspection by the Board's local organization. It is very difficult to check the maintenance of such patrols, and the cost to the railway is probably higher than where special men are engaged for the purpose, providing the work is performed conscientiously. On the other hand, where so performed, good results are secured.

## FIRE STATISTICS.

The fire season of 1919 was the most serious which has been experienced by Canada as a whole in many years. Prolonged periods of drought occurred in nearly all parts of the Dominion. The comparatively heavy loss due to railway fires is but an index of what occurred with respect to fires of other origin in all the forest provinces.

In the West, labour troubles resulted in the partial use, during the summer, of certain grades of coal which under normal conditions would have been used only during the winter months. This condition no doubt added somewhat to the number of fires due to locomotive sparks.

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A grand total of 1,327 fires, from all causes, were reported as having originated within 300 feet of railway lines subject to the Board during 1919. These fires were distributed throughout the Dominion as follows:—

|     |       |    |      |     |      |          |    |         |           |            |
|-----|-------|----|------|-----|------|----------|----|---------|-----------|------------|
| 405 | fires | or | 30.6 | per | cent | occurred | in | British | Columbia. |            |
| 297 | "     | "  | 22.4 | "   | "    | "        | "  | "       | Prairie   | Provinces. |
| 521 | "     | "  | 39.2 | "   | "    | "        | "  | "       | Ontario.  |            |
| 84  | "     | "  | 6.3  | "   | "    | "        | "  | "       | Quebec.   |            |
| 8   | "     | "  | 0.6  | "   | "    | "        | "  | "       | New       | Brunswick. |
| 12  | "     | "  | 0.9  | "   | "    | "        | "  | "       | Nova      | Scotia.    |

Of the grand total of 1,327 fires reported, 504 covered less than one-fourth acre each, doing no damage, while 823 were larger fires, which burned over 246,987 acres, destroying property valued at \$536,632. Of the larger fires, 77.8 per cent are definitely attributed to railway agencies, 4.9 per cent to known causes other than railways, and 17.2 per cent to unknown causes. A total area of 246,987 acres was burned over, of which 86.6 per cent is chargeable against the railways, 3.7 per cent to known causes other than railways, and 9.7 per cent to unknown causes. Of the total of \$536,632 damage, the railways are definitely charged with 95.9 per cent, while 0.4 per cent of the damage is due to known causes other than railways, and 3.7 per cent to unknown causes.

The grand total of 246,987 acres burned over by these fires is distributed throughout the Dominion as follows:—

|                   |         |        |
|-------------------|---------|--------|
| British Columbia  | 25,923  | acres. |
| Prairie Provinces | 174,525 | "      |
| Ontario           | 44,856  | "      |
| Quebec            | 1,616   | "      |
| New Brunswick     | 31      | "      |
| Nova Scotia       | 36      | "      |

SUMMARY of Reports on fires in forest sections originating within 300 feet of track on railway lines subject to the jurisdiction of the Board of Railway Commissioners for Canada, season of 1919.

|  | Canadian Pacific (Western Lines) (a) | Kettle Valley. | Canadian Pacific (Eastern Lines) (b) | Canadian National (Western Lines) (c) | Canadian National (Eastern Lines) (c) (d) | Grand Trunk Pacific. | Grand Trunk. | Great Northern. | Edmonton, Dunvegan and British Columbia | Algoma Central and Hudson Bay. | Miscellaneous (e). | Totals.   |
|--|--------------------------------------|----------------|--------------------------------------|---------------------------------------|---|----------------------|--------------|-----------------|---|--------------------------------|--------------------|-----------|
| <b>A. RAILWAY FIRES.</b>                         |                                      |                |                                      |                                       |   |                      |              |                 |   |                                |                    |           |
| <b>1. Number by Causes—</b>                      |                                      |                |                                      |                                       |   |                      |              |                 |   |                                |                    |           |
| (a) Locomotives, Class A fires.....              | 80                                   | 6              | 45                                   | 37                                    | 115                                       | 55                   | 8            | 15              | 16                                      |                                | 11                 | 388       |
| (b) Locomotives, Class B fires.....              | 73                                   | 33             | 164                                  | 54                                    | 87  | 64                   | 16           | 10              | 60                                      | 9                              | 8                  | 578       |
| (c) Employees, Class A fires.....                | 11                                   |                | 1                                    |                                       | 4   |                      |              |                 | 1                                       |                                |                    | 17        |
| (c) Employees, Class B fires.....                | 4                                    | 2              | 5                                    | 14                                    | 17  | 4                    |              |                 | 3                                       | 1                              |                    | 50        |
| (c) Total of Class A fires.....                  | 91                                   | 6              | 46                                   | 37                                    | 119                                       | 55                   | 8            | 15              | 17                                      |                                | 11                 | 405       |
| (c) Total of Class B fires.....                  | 77                                   | 35             | 169                                  | 68                                    | 104                                       | 68                   | 16           | 10              | 63                                      | 10                             | 8                  | 628       |
| Total of all railway fires.....                  | 168                                  | 41             | 245                                  | 105                                   | 223                                       | 123                  | 24           | 25              | 80                                      | 10                             | 19                 | 1,033     |
| <b>2. Areas burned (Acres)—</b>                  |                                      |                |                                      |                                       |   |                      |              |                 |   |                                |                    |           |
| (a) Young forest growth.....                     | 2,660                                | 442            | 12,296                               | 64,636                                | 2,356                                     | 14,395               | 4            | 80              | 1,027                                   | 14                             | 25                 | 97,935    |
| (b) Timber land.....                             | 435                                  | 305            | 253                                  | 69,058                                | 231                                       | 830                  | 1            | 840             | 392                                     |                                |                    | 72,336    |
| (c) Stashing or old barn.....                    | 3,058                                | 183            | 5,316                                | 7,791                                 | 7,815                                     | 2,683                | 34           | 1,117           | 1,177                                   | 43                             | 11                 | 29,228    |
| (d) Other classes of land.....                   | 870                                  | 889            | 323                                  | 10,860                                | 49  | 436                  | 11           | 36              | 930                                     | 2                              | 14                 | 14,420    |
| (e) Total.....                                   | 7,023                                | 1,820          | 18,188                               | 152,345                               | 10,451                                    | 18,334               | 50           | 2,073           | 3,526                                   | 59                             | 50                 | 213,919   |
| <b>3. Value of property destroyed—</b>           |                                      |                |                                      |                                       |   |                      |              |                 |   |                                |                    |           |
| (a) Young forest growth.....                     | \$ 4,972                             | \$ 2,182       | \$31,453                             | \$72,541                              | \$ 2,840                                  | \$36,086             | \$ -         | \$ 165          | \$ 2,183                                | \$ 24                          | \$ 37              | \$156,083 |
| (b) Standing timber.....                         | 2,494                                | 1,720          | 1,710                                | 236,651                               | 575                                       | 3,065                | 25           | 50              | 1,069                                   |                                |                    | 247,359   |
| (c) Forest products.....                         | 63                                   |                | 135                                  | 1,815                                 | 50  | 50                   | 1,280        | 27,280          | 3,680                                   | 280                            |                    | 34,643    |
| (d) Other property.....                          | 1,590                                | 867            | 918                                  | 11,799                                | (f) 32,032                                | (g) 2,068            | 122          | 2,612           | 5,074                                   | 19,365                         | 25                 | 76,472    |
| (e) Total.....                                   | \$ 9,119                             | \$ 4,769       | \$37,276                             | \$322,806                             | \$35,447                                  | \$41,869             | \$ 1,427     | \$30,107        | \$12,006                                | \$19,669                       | \$ 62              | \$514,557 |
| <b>B. KNOWN CAUSES OTHER THAN RAILWAY FIRES.</b> |                                      |                |                                      |                                       |   |                      |              |                 |   |                                |                    |           |
| <b>1. Number by Causes—</b>                      |                                      |                |                                      |                                       |   |                      |              |                 |   |                                |                    |           |
| (a) Campers and travellers—                      |                                      |                |                                      |                                       |   |                      |              |                 |   |                                |                    |           |
| Class A fires.....                               | 8                                    |                |                                      |                                       | 1   | 1                    |              |                 |   |                                |                    | 15        |
| Class B fires.....                               | 1                                    |                |                                      |                                       |   | 2                    |              |                 |   |                                |                    | 7         |





SUMMARY of Reports on fires in forest sections originating within 300 feet of track on railway lines subject to the jurisdiction of the Board of Railway Commissioners for Canada, season of 1919.—*Concluded.*

|                                      | Canadian Pacific (Western Lines) (a) | Kettle Valley (b) | Canadian Pacific (Eastern Lines) (c) | Canadian National (Western Lines) (c) | Canadian National (Eastern Lines) (c) | Grand Trunk Pacific | Grand Trunk | Great Northern | Edmonton, Dunvegan and British Columbia | Algonia Central and Hudson Bay. | Miscellaneous (c) | Totals        |
|--------------------------------------|--------------------------------------|-------------------|--------------------------------------|---------------------------------------|---------------------------------------|---------------------|-------------|----------------|---|---------------------------------|-------------------|---------------|
| D. GRAND TOTALS FOR ALL CLASSES—     |                                      |                   |                                      |                                       |                                       |                     |             |                |   |                                 |                   |               |
| I. Number—                           |                                      |                   |                                      |                                       |                                       |                     |             |                |   |                                 |                   |               |
| (a) Total of all Class A fires.....  | 146                                  | 6                 | 69                                   | 43                                    | 131                                   | 56                  | 9           | 15             | 18                                      | 16                              | 11                | 504           |
| (b) Total of all Class B fires.....  | 117                                  | 44                | 222                                  | 94                                    | 138                                   | 75                  | 17          | 17             | 67                                      | 16                              | 16                | 823           |
| (c) Total of all fires reported..... | 263                                  | 50                | 291                                  | 137                                   | 269                                   | 131                 | 26          | 32             | 85                                      | 16                              | 27                | 1,327         |
| 2. Areas burned (Acres)—             |                                      |                   |                                      |                                       |                                       |                     |             |                |   |                                 |                   |               |
| (a) Young forest growth.....         | 3,631                                | 412               | 20,271                               | 71,656                                | 2,844                                 | 14,395              | 4           | 80             | 1,033                                   | 29                              | 25                | 114,410       |
| (b) Timber land.....                 | 475                                  | 319               | 288                                  | 69,258                                | 232                                   | 823                 | 1           | 840            | 321                                     | 640                             | .....             | 73,270        |
| (c) Slashing or old burn.....        | 3,113                                | 186               | 8,374                                | 7,998                                 | 10,963                                | 3,950               | 34          | 6,145          | 1,177                                   | 1,498                           | 462               | 43,900        |
| (d) Other classes of land.....       | 915                                  | 890               | 458                                  | 11,915                                | 88                                    | 440                 | 12          | 287            | 935                                     | 12                              | 325               | 15,407        |
| (e) Total.....                       | 8,134                                | 1,837             | 29,391                               | 159,957                               | 14,127                                | 19,608              | 51          | 7,552          | 3,539                                   | 2,179                           | 812               | 246,987       |
| 3. Value of property destroyed—      |                                      |                   |                                      |                                       |                                       |                     |             |                |   |                                 |                   |               |
| (a) Young forest growth.....         | \$ 9,722                             | \$ 2,182          | \$38,503                             | \$76,101                              | \$ 3,071                              | \$36,686            | \$ .....    | \$ 165         | \$ 2,492                                | \$ 54                           | \$ 37             | \$168,713     |
| (b) Standing timber.....             | 2,594                                | 1,785             | 2,118                                | 237,251                               | 732                                   | 3,065               | 25          | 50             | 1,073                                   | 2,000                           | .....             | 250,693       |
| (c) Forest products.....             | 63                                   | .....             | 195                                  | 2,411                                 | 49                                    | 1,111               | 1,280       | 27,280         | 3,680                                   | 280                             | .....             | 33,343        |
| (d) Other property.....              | 2,890                                | 867               | 1,292                                | 12,249                                | 32,775                                | 2,073               | 840         | 3,380          | 5,092                                   | 20,375                          | 50                | 81,883        |
| (e) Total.....                       | \$15,269                             | \$ 4,834          | \$42,108                             | \$928,012                             | \$36,618                              | \$41,938            | \$ 2,145    | \$30,875       | \$12,027                                | \$22,709                        | \$ 87             | \$536,622 (1) |

(1) Includes Esquimalt and Nanaimo Railway.  
 (2) Includes Dominion Atlantic Railway.  
 (3) Includes Canadian National Railway lines subject to the Board's jurisdiction. Excludes Canadian Government Railways (Transcontinental, Intercolonial and Hudson Bay Railways).  
 (4) Includes Halifax and South Western Railway.  
 (5) Includes following lines:—Algonia Eastern; Atlantic, Quebec and Western and Quebec Oriental; Boston and Maine; Cumberland Railway and Coal Company; Maine Central; Temiscouata; Western Lower Company of Canada; White Pass and Yukon.  
 (6) Of this amount, \$9,590 is estimated value of station buildings destroyed.  
 (7) Of this amount, \$22,956 is estimated value of buildings and property destroyed when the village of Deer Lake, Ontario, was burned; \$8,368 is value of two railway bridges destroyed.  
 (8) This amount represents value of two railway bridges destroyed.  
 (9) Of this total, \$81,883 represents value of property other than forest growth destroyed.  
 NOTE.—No fires were reported during 1919 as originating within 300 feet of track along the following lines: Ottawa and New York; Quebec, Montreal and Southern. Class A fires are those which cover an area of less than one-fourth acre. Class B fires are those which cover an area of one-fourth acre or more.

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## RIGHT OF WAY CLEARING.

The systematic removal of inflammable debris and the cutting and disposal of brush growth on railway rights of way was to a considerable extent limited during the period of the war, due to labour and financial conditions. This line of work is now being given increased attention in many sections of the country and it is anticipated that a creditable showing will be made during the coming year, though labour and financial conditions have not yet ceased to be problems with the railways.

## FIRE PROTECTIVE APPLIANCES ON LOCOMOTIVES.

Officers of the Fire Inspection Department have made 1,860 inspections of fire protective appliances on locomotives operating through forested territory, during the past fire season. Twenty-two per cent of the locomotives inspected were found defective as to some feature of fire-protective appliances.

The following table shows the number of locomotives so inspected and the percentage found defective on the more important railway lines:—

| Railway.  | Number Inspected. | Number Defective. | Per cent Defective. |
|---|-------------------|-------------------|---------------------|
| Canadian Pacific.....                                 | 731               | 292               | 28                  |
| Canadian National.....                                | 623               | 167               | 17                  |
| Grand Trunk Pacific.....                              | 79                | 36                | 46                  |
| Grand Trunk.....                                      | 178               | 18                | 10                  |
| Edmonton, Dunvegan and British Columbia.              | 85                | 7                 | 8                   |
| Great Northern.....                                   | 26                | 12                | 46                  |
| Kettle Valley.....                                    | 21                | 6                 | 29                  |
| Algoma Central and Hudson Bay.....                    | 22                | 3                 | 13                  |
| Algoma Eastern.....                                   | 18                | 3                 | 17                  |
| Atlantic, Quebec and Western and Quebec Oriental..... | 10                | 9                 | 90                  |
| Temiscouata.....                                      | 16                | 4                 | 25                  |

While the showing made on the whole, by the various railway companies, with respect to the maintenance of fire protective appliances on locomotives in an efficient condition, is slightly better than in previous years, there is still room for considerable improvement, particularly on the Halifax and South Western Railway, the Grand Trunk Pacific Railway, and the Canadian Pacific Railway eastern lines in Ontario.

During the fire season of 1919, sparks thrown from locomotives are presumed to have caused 966 fires, or 72.8 per cent of all fires reported. These burned over 213,919 acres and did damage estimated at \$514,557.

There is urgent need for a more effective spark-arresting device than the master mechanics' front end. Experiments along this line have been under way by some of the railway companies, in co-operation with the Operating and Fire Inspection Departments of the Board. The situation is serious and the matter should be brought to a definite conclusion as soon as possible.

## FIRE GUARD REQUIREMENTS.

The fire guard requirements in effect in 1918 were continued and further progress was made in the direction of reducing the width of fire guards to be ploughed in wild lands and fenced grazing lands. The eight-foot optional basis of ploughing guards in these classifications was extended to cover all lines of the Canadian National Railways under the Board's jurisdiction in Alberta, Saskatchewan and Manitoba, and to the Canadian Pacific lines in the same provinces with the exception of the Kelfield, Cutknife, Maple Creek, Bassano and Irricana subdivisions and certain specified portions of the Outlook, Swift Current, Brooks, Langdon and Laggan

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subdivisions, where the sixteen-foot standard was to be continued. Conditions were specified under which this optional basis might be made effective by the companies. The special arrangements made in 1918 for the conduct of experiments in specified limited territory were continued as to the main line of the Grand Trunk Pacific Railway between Winnipeg and Edson, and between Edmonton and mileage 70 of the Edmonton, Dunvegan and British Columbia Railway.

The fire hazard during 1919 in the prairie sections of Western Canada was no less serious than was the case in the forested territories. The extreme drought in the Prairie Provinces caused an acute shortage of pasturage and hay feed for the feeding of live stock, and the necessity for preventing the destruction of hay and pasturage by fire was most important. This situation was placed before the railways concerned, and they were urged to observe strictly all the requirements of the Board with respect to fire protection, in order that the loss of pasturage by railway fires might be kept at the lowest possible figure.

The showing made by the various railway companies with respect to the construction and maintenance of fire guards during 1919 is probably the best in several years. Early frosts and snowfalls interfered somewhat with the burning off of rights of way, as also with the completion of ploughing operations in some localities, otherwise a greater mileage of fire guards constructed might have been reported.

#### FIRE GUARD STATISTICS.

The accompanying fire guard statistical report shows 14,256.30 track miles of railway lines in the Prairie Provinces subject to the fire guard requirements, an increase of 18.40 miles over 1918. This is equivalent to 28,512.60 fire guard miles, since fire guards are required to be maintained on both sides of a railway line. The report indicates that 9,947.39 miles of fire guards were constructed or maintained during the past year, and 18,565.21 miles for various reasons were not constructed. Of this, there was exempted by this department 8,490.36 miles; owner of land refused to allow construction, 72.25 miles; land already ploughed, 2,578.46 miles; grain stubble and cultivated hay lands not fire guarded by owner, 5,430.43 miles. Thus, as to a total of 16,571.50 miles of fire guards not constructed, the reasons assigned by the companies were considered acceptable, leaving 1,993.71 miles unaccounted for, but which presumably should have been fire guarded.

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SUMMARY of Fire Guard Construction and Maintenance by Railways in the Provinces of Manitoba, Saskatchewan and Alberta, 1919.

|  | Edmonton, Dunvegan and British Columbia | Great Northern. | Grand Trunk Pacific. | Canadian National. | Canadian Pacific. | Totals.   |
|--|---|-----------------|----------------------|--------------------|-------------------|-----------|
| Length in track miles.....   | 406.80                                  | 162.38          | 2,002.86             | 5,271.60           | 6,412.72          | 14,256.30 |
| Length in fire guard miles.....  | 813.60                                  | 324.76          | 4,005.60             | 10,543.20          | 12,825.44         | 28,512.60 |
| Fire guards constructed (shown in fire guard miles)—                   |   |                 |                      |                    |                   |           |
| (a) Grain stubble lands (fireguarded by owner).....                    |   | 200.00          | 162.60               | 719.90             | 1,498.83          | 2,581.33  |
| (b) Cultivated hay lands (by owner).....                               |   | 40.00           |                      | 209.90             | 345.76            | 595.66    |
| (c) Fenced grazing lands.....  |   | 49.00           | 655.40               | 563.30             | 1,478.20          | 2,745.90  |
| (d) Wild lands.....  |   | 1.00            | 494.90               | 1,251.50           | 2,277.10          | 4,024.50  |
| Total miles of fire guards constructed.....                            |   | 290.00          | 1,312.90             | 2,744.60           | 5,599.89          | 9,947.39  |
| Fire guards not constructed (shown in fire guard miles)—               |   |                 |                      |                    |                   |           |
| Exemptions <sup>2</sup> .....  | 744.41                                  | 30.00           | 1,202.90             | 3,987.80           | 2,525.25          | 8,490.36  |
| Owner refuses to allow construction <sup>3</sup> .....                 |   |                 | 1.10                 | 20.40              | 50.75             | 72.25     |
| Unnecessary; land already ploughed <sup>4</sup> .....                  |   |                 | 281.00               | 934.70             | 1,362.76          | 2,578.46  |
| (a) Grain stubble lands.....   |   |                 | 1,110.60             | 1,964.30           | 2,029.13          | 5,104.03  |
| (b) Cultivated hay lands (not fireguarded by owner <sup>5</sup> )..... |   |                 |                      | 156.70             | 169.70            | 326.40    |
| Miscellaneous other reasons.....                                       | 69.19                                   | 4.76            | 97.10                | 734.70             | 1,087.96          | 1,993.71  |
| Total miles of fire guards not constructed.....                        | 813.60                                  | 34.76           | 2,692.70             | 7,798.60           | 7,225.55          | 18,565.21 |

<sup>1</sup> Fire guard mileage is double the track mileage, since the construction of fire guards is required on both sides of the track.

<sup>2</sup> Company exempted from fire guard construction, as to portions of line where showing made that such construction is unnecessary or impracticable.

<sup>3</sup> Employees of railway company refused permission, by owner, to enter upon land for purpose of constructing fire guards.

<sup>4</sup> Fire guarding unnecessary, because fields already ploughed.

<sup>5</sup> Fire guarding in grain stubble and in cultivated hay lands required only where the landowner or occupant would undertake to plough guard at the reasonable price specified by the Board.

COMPLAINTS *re* FIRE GUARDS.

No specific complaints were received during 1919.

One application was received from the Canadian Pacific under clause 4, section "C" of the Fire Guard Requirements, requesting permission to enter upon land for the purpose of constructing fire guards, where the land owner refused to allow such construction. The matter was investigated and amicably arranged, no order being required.

Respectfully submitted,

CLYDE LEAVITT,  
Chief Fire Inspector.

## APPENDIX "E".

List of Cases appealed to the Supreme Court of Canada, from February 1, 1904 to December 31, 1919.

| File No. | Subject.  | Decision.        |
|----------|---|------------------|
| 1114     | Montreal Terminal Railway <i>v.</i> Montreal Street Railway, Pius IX Avenue crossing, Montreal. Question of jurisdiction.....   | Allowed.         |
| 1492     | James Bay Railway <i>v.</i> Grand Trunk Railway crossing. Belt line spur. Question of law.....  | Dismissed.       |
| 383      | Ottawa Electric Railway and City of Ottawa <i>v.</i> Canada Atlantic Railway, <i>re</i> Bank Street subway, Ottawa. Question of law.....  | Dismissed.       |
| 1621     | Toronto Railway Company from order of the Board No. 7813, dated July 3, 1909, <i>re</i> high level bridge over the Don Improvement and tracks of the C.P.R., and G.T.R., Toronto. Question of jurisdiction..... | Dismissed.       |
| 588      | <i>Re</i> Toronto Union Station. A. R. Williams expropriation. Question of jurisdiction.....  | Dismissed.       |
| C. 1680  | Essex Terminal and Windsor, Essex and Lake Shore Railroad, crossing in township of Sandwich, Ont. Question of law.....  | Dismissed.       |
| C. 1309  | Robinson <i>v.</i> Grand Trunk Railway, two-cent rate. Question of law.....   | Dismissed.       |
| 689      | Canadian Pacific Railway <i>v.</i> Grand Trunk Railway <i>re</i> branch line, London, Ont. Question of jurisdiction.....  | Dismissed.       |
| 1497     | T. D. Robinson <i>v.</i> Canadian Northern Railway spur at Winnipeg. Question of jurisdiction.....  | Dismissed.       |
| 9527     | Montreal Street Railway <i>re</i> rates, Montreal Royal Ward. Question of jurisdiction.....   | Allowed.         |
| C. 4719  | Department of Agriculture, Province of Ontario <i>v.</i> Grand Trunk Railway, station at Vineland. Question of jurisdiction.....  | Dismissed.       |
| C. 3322  | <i>Re</i> Toronto Viaduct. Appeal by the Canadian Pacific Railway. Question of law.....   | Dismissed.       |
| C. 4897  | <i>Re</i> fencing and cattleguards, Order No. 7473. Appeal by C. N. Ry. Co. Question of jurisdiction.....   | Allowed in Part. |
| C. 4492  | City of Toronto <i>v.</i> Grand Trunk Railway and Canadian Pacific Railway Companies, <i>re</i> commutation rates. Question of law.....   | No action.       |
| C. 2545  | City of Ottawa and County of Carleton, <i>re</i> Richmond Road viaduct. Question of jurisdiction.....   | Dismissed.       |
| 13079    | Grand Trunk Railway <i>v.</i> Canadian Northern Ontario Railway, spur in township of Scarborough, Ont. Question of jurisdiction.....  | Dismissed.       |
| C. 3269  | Grand Trunk Railway <i>v.</i> British American Oil Companies, <i>re</i> oil rates. Question of law.....   | Dismissed.       |
| 1519     | Grand Trunk Pacific Railway <i>v.</i> City of Fort William, <i>re</i> location. Question of jurisdiction.....   | Dismissed.       |
| 11965    | Niagara, St. Catharines and Toronto Railway <i>v.</i> Davy. Question of jurisdiction.....   | Allowed.         |
| 9527     | Montreal Street Railway (Montreal, Park and Island Railway) <i>re</i> rates, Mount Royal Ward. Question of jurisdiction.....  | Allowed.         |
| 15580    | Clover Bar Coal Company, Limited, and William Humberstone <i>v.</i> Grand Trunk Pacific Railway Company and the Clover Bar Sand and Gravel Company. Question of jurisdiction.....                               | Allowed.         |
| 12682    | Regina Rate Case. Question of law.....  | Dismissed.       |
| 17963    | Grand Trunk Pacific Railway <i>v.</i> A. E. Purcell of Saskatoon, Sask. Question of jurisdiction.....   | Dismissed.       |
| C. 3269  | Canadian Pacific Railway Company <i>v.</i> British American Oil Companies. Question of jurisdiction.....  | Dismissed.       |
| 15330    | Grand Trunk and Canadian Pacific Railway Companies <i>v.</i> Canadian Oil Companies. Question of jurisdiction.....  | Dismissed.       |
| 15330-1  | British Columbia Electric Railway Company, Vancouver, Victoria and Eastern Railway <i>v.</i> City of Vancouver. Question of jurisdiction.....   | Dismissed.       |
| 20062    | E. B. Chambers and W. B. G. Phair <i>v.</i> Canadian Pacific Railway Company. Question of jurisdiction.....   | Allowed.         |
| 1487     | Canadian Northern Railway Company <i>v.</i> William A. Taylor. Question of jurisdiction.....  | Dismissed.       |
| 18578    | Grand Trunk Railway Company <i>v.</i> City of Edmonton, Alta. Question of law.....  | Dismissed.       |
| 19435    | Montreal Tramway and Montreal, Park and Island Railway <i>v.</i> Lachine, Jacques Cartier and Maisonneuve Railway. Question of jurisdiction.....  | Allowed.         |
| 14329-9  |   |                  |

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LIST of Cases appealed to the Supreme Court of Canada, from February 1, 1904 to December 31, 1919—*Continued.*

| File No. | Subject.  | Decision.  |
|----------|---|------------|
| 23009    | City of Hamilton <i>v.</i> Toronto, Hamilton and Buffalo Railway. Question of jurisdiction.....   | Allowed.   |
| 21428    | Grand Trunk Railway <i>v.</i> Hepworth Silica Pressed Brick Company. Question of law.....   | Dismissed. |
| 12021-70 | Toronto Railway Company and City of Toronto <i>v.</i> Canadian Pacific Railway Company. Questions of law and jurisdiction.....                            | Dismissed. |
| 9437-153 | City of Edmonton <i>v.</i> Edmonton and Calgary Railway. Question of law.   | Dismissed. |
| C. 3935  | Ingersoll Telephone Company (and other Independent Telephone Companies) <i>v.</i> Bell Telephone Company. Question of law.....                            | Dismissed. |
| 16171    | Grand Trunk Railway <i>v.</i> H. Bourassa of Laprairie, Que., against Order 26387, dated July 28, 1917. Questions of law and jurisdiction.....            | Withdrawn. |
| 27524    | Great Northern Telegraph Company, for opinion of the Court on question of law involved in matter of General Order No. 162.....                            | Abandoned. |
| 13622    | Government of Manitoba and J. H. Ashdown Hardware Company of Winnipeg, <i>re</i> 15 per cent increase in freight rates. Question of jurisdiction.....     | Abandoned. |
| 27840    | Canadian Pacific Railway <i>v.</i> Department of Public Works, Ontario, <i>re</i> highway crossing in township of Kirkpatrick, Ont. Question of law.....  | Withdrawn. |
| 26981    | Esquimalt and Nanaimo Railway, <i>re</i> rights of the City of Victoria to have access over the bridge at Victoria Harbour. Question of jurisdiction..... | Abandoned. |
| 11118    | Municipality of Burnaby, B.C., <i>v.</i> British Columbia Electric Railway, <i>re</i> commutation rates. Question of jurisdiction.....                    | Abandoned. |
| 28439    | City of Toronto <i>v.</i> Toronto Terminal Railway <i>re</i> pressure pipes under Bay, Scott and Yonge streets, Toronto. Question of law.....             | Dismissed. |
| 28950    | Application of Mr. Wagenast for a stated case in <i>re</i> the Brampton commutation rate case. Question of law.....                                       | Dismissed. |
| C. 3378  | Ottawa Electric Railway against Order of the Board disallowing proposed increase in passenger rates. Question of jurisdiction.....                        | Pending.   |
| C. 2987  |   |            |

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List of Appeals to the Governor in Council, February 1, 1904, to December 31, 1919.

| File No. | Subject.   | Decision.      |
|----------|--|----------------|
| 399      | Bay of Quinte Railway crossing C.P.R. at Tweed, Ont.....   | Dismissed.     |
| 1455     | James Bay Railway v. Grand Trunk Railway crossing near Beaverton, Ont.....   | Dismissed.     |
| 1781     | Grand Trunk Railway v. City of Chatham, Ont., street crossings.....  | Dismissed.     |
| 12992    | Maniwaki Branch of the C. P. R. train service from Ottawa.....   | Referred back. |
| 2030     | Re tariffs of certain Yukon Railways.....  | Dismissed.     |
| 17716    | Canadian Pacific Railway Longue Pointe spur through Town of Maisonneuve, Que.....  | Dismissed.     |
| 18787    | South Hazelton Townsite v. Grand Trunk Pacific Railway.....  | Allowed.       |
| 3452-30  | J. Y. Rochester re Cameron Bay v. Grand Trunk Pacific Railway.....   | Dismissed.     |
| 12912    | Park Avenue Subway, Town of St. Louis, Que., v. Canadian Pacific Railway.....  | Dismissed.     |
| 17040    | Lambton to Weston Spur and Canadian Pacific Railway Company.....   | Abandoned.     |
| C. 3322  | Toronto Viaduct Case.....  | Dismissed.     |
| 12021-70 | City of Toronto, re Toronto North Grade Separation.....  | Dismissed.     |
| 16177    | Canadian Pacific Railway v. Mountain Lumber Manufacturers' Association re lumber rates.....  | Withdrawn.     |
| 19024    | Charles Miller of Toronto v. Grand Trunk Pacific Railway, re station at Prince George, B.C.....  | Dismissed.     |
| 17716-10 | Canadian Pacific Railway v. Town of Maisonneuve, Que., re highway crossings.....   | Dismissed.     |
| 22681-25 | City of Montreal v. Canadian Northern Railway, siding across Stadacona and Marlboro streets, Montreal, Que.....  | Abandoned.     |
| 21418    | City of Prince George, B.C., re location of Grand Trunk Pacific Railway station between Oak and Ash streets, Prince George.....  | Dismissed.     |
| 21660    | Canadian Northern Ontario Railway v. Township of Loughboro, Ont.....   | Dismissed.     |
| 26169    | Canadian Pacific and Canadian Northern Railway Companies re inter-switching at Eastern public cattle market, Montreal.....   | Abandoned.     |
| 17040    | Appeal of the Canadian Pacific Railway re Lambton to Weston spur. (2nd appeal).....  | Dismissed.     |
| 27693    | City of Hamilton v. Grand Trunk Railway re passenger service on Northern and N. W. Branch between Hamilton and Burlington Beach and town of Burlington, Ont.....   | Abandoned.     |
| 27840    | Appeal of the Winnipeg Board of Trade against order of the Board authorizing a general increase in freight rates of 15 per cent.....   | Dismissed.     |
| 28439-3  | Town of St. Lambert, Que., against decision of Board, dated July 10, 1918, increasing the rates of the Montreal and Southern Counties Railway.....   | Dismissed.     |
| 28230    | Notice of Appeal of City of Hamilton against order of the Board No. 27843 and Order No. 27857 re Kinnear yard, Hamilton, Ont.....  | Referred back. |
| 29040-2  | National Dairy Council of Canada, on behalf of Canadian Association of Ice-Cream Manufacturers from order of the Board No. 28883, dated October 9, 1919, in the matter of classification of ice-cream..... | Pending.       |



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## APPENDIX "F".

LIST of General Orders and Circulars of the Board for the nine months ending December 31, 1919.

## GENERAL ORDER No. 262.

*In the matter of the General Order of the Board No. 151, dated November 8, 1915, prescribing the regulations governing baggage car traffic for the observance of every railway company within the legislative authority of the Parliament of Canada, as amended by General Orders Nos. 179, 181 and 191, dated respectively January 29, February 3 and May 26, 1917; and the application of the Canadian Pacific Railway Company for an Order further amending Rule 26 (d) of the said regulations:*

File No. 23328.

A question having been raised as to whether, in view of the punctuation of the section, the words "otherwise the carrier shall not be liable" apply only to the cause of damage or delay, as set out in the second sentence, and not to non-delivery, as set out in the first sentence of the rule; upon reading what is alleged in support of the application to amend, and to make the intention clear,—

*It is ordered:* That rule 26, subsection (d) of the Regulations Governing Baggage Car Traffic be, and it is hereby, further amended by striking out the comma after the word "receptacle" and before the word "otherwise" in the last line of the subsection and substituting therefor a period, making the words "otherwise the carrier shall not be liable" a separate sentence.

H. L. DRAYTON,  
*Chief Commissioner.*

OTTAWA, May 8, 1919.

## GENERAL ORDER No. 263.

*In the matter of the question of standardizing the regulations to be placed in effect on all railways operating in Canada governing the handling of guard rails, vestibule doors, and platforms on passenger cars.*

File No. 22338.

Whereas, the attention of the Board has been called to a number of accidents—in some instances fatal—caused by failure to keep the vestibule doors on passenger cars closed:

Upon reading what has been filed by the Canadian Railway Association for National Defence on behalf of railway companies operating in Canada, and upon the report and recommendation of the Chief Operating Officer of the Board, and in pursuance of the powers conferred upon it by sections 30 and 269 of the Railway Act and all other powers possessed by the Board in that behalf,—

*It is ordered:* That every railway company subject to the legislative authority of the Parliament of Canada, operating a railway by steam power, shall strictly conform

to the following rules and regulations governing the handling of guard rails, vestibule doors, and platforms on passenger cars which are hereby approved, namely:—

|   |  |
|---|--|
| Through and local (except suburban) trains, double track, right hand operation. | When running, all doors and platforms except those on rear right hand side of last car are to be kept closed. When standing, the right hand doors and platforms, only, are to be opened, except when necessary to open left hand doors to receive or discharge passengers. |
| Through and local (except suburban) trains, double track, left hand operation.  | When running, all doors and platforms except those on rear left hand side of last car are to be kept closed. When standing, the left hand doors and platforms only, are to be opened, except when necessary to open right hand doors to receive or discharge passengers.   |
| Through and local (except suburban) trains, single track.                       | All doors and platforms except those on rear of last car are to be kept close when running.  |
| Suburban trains, double track, right hand operation.                            | Doors and platforms on right hand side of train may be kept open and when open are to be securely fastened. Those on left hand side must be kept closed, except when necessary to open them to receive or discharge passengers.  |
| Suburban trains, double track, left hand operation.                             | Doors and platforms on left hand side of train may be kept open and when open are to be securely fastened. Those on right hand side must be kept closed, except when necessary to open them to receive or discharge passengers.  |
| Suburban trains, single track. . . . .  | All doors and platforms may be kept open and when open are to be securely fastened.  |

GENERAL.

|                                   |  |
|-----------------------------------|--|
| Movable guard rails. . . . .      | When there are movable guard rails on non-vestibule or open vestibule cars, guard rails must be kept closed, except that when trains are standing they are to be opened only on the side at which passengers are to be received or discharged. |
| Vestibule curtains. . . . .       | When cars are equipped with vestibule curtains these appliances are to be kept closed and are not to be uncoupled until trains stop at terminal or when change is to be made in consist of train.  |
| Observation cars. . . . .         | When rear car is observation car side gates and platforms must be kept closely when running.   |
| Tail gates, chain or bar. . . . . | Tail gate, chain or bar at rear of last car in train must invariably be kept closed.   |

2. "Suburban trains" as used in this order means, and applies only to, trains within commutation limits when carrying commutation traffic.

H. I. DRAYTON,  
Chief Commissioner.

OTTAWA, May 7, 1919.

GENERAL ORDER No. 264.

*In the matter of the application of the Bell Telephone Company of Canada, hereinafter called the "applicant company," for an Order permitting an increase in rates of twenty per cent (20 %) on all tolls, rates, and charges for exchange telephone service; for a revised schedule of long distance tolls; for a charge to be known as "service connection charge"; and a charge for moving telephone stations and other equipment; all as set forth in the tariffs of tolls accompanying the application and filed with the Board under case No. 955.*

Upon hearing the application at the sittings of the Board held in Ottawa on the 8th and 22nd days of January, 1919, and the 12th day of February, 1919, and in Toronto and Montreal on the 13th and 16th days of January, 1919, respectively, in the presence of counsel for the applicant company, the union of Canadian municipalities,

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and the corporations of the cities and towns following, namely, Montreal, Toronto, Hamilton, Ottawa, Quebec, London, Windsor, Brantford, Outremont, Westmount, Levis, Granby, Brockville, and Verdun; the Boards of Trade of Toronto, Montreal, and Cornwall, the municipalities of North Gower and Marlborough, and the Proprietors' League of Montreal being represented at the hearings, the evidence of experts offered both in support of and in opposition to the application, and what was alleged; and upon reading the written statements, reports, and submissions of experts filed on behalf of the applicant company and the respondent corporations, as well as the reports of chartered accountants, made after examination of the applicant company's books which were available to them by the direction and under the authority of the Board's order; no objection being made to the long distance tolls as filed,—

*It is ordered*, That (a) the revised increased tolls for long distance service, (b) an increase of ten per cent (10%), instead of twenty per cent (20%), on all tolls, rates, and charges for exchange telephone service and charges incidental thereto, and (c) the charges for moving telephone stations and other equipment, all as set out in the application filed with the Board under said case No. 955, be, and they are hereby, authorized and allowed.

2. That the "Service Connection Charge," so-called, as applied for, be disallowed.

3. That where exchange services are at present installed, the increased tolls hereby authorized and allowed may become effective on July 1, 1919.

4. That the increased tolls hereby authorized and allowed for long distance service, for moving telephone stations and other equipment, and where new exchange services are installed subsequent to the date of this order and prior to July 1, 1919, may become effective on one week's notice.

H. L. DRAYTON,  
*Chief Commissioner.*

OTTAWA, May 19, 1919.

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GENERAL ORDER No. 265.

*In the matter of the application of the Canadian Freight Association, on behalf of the railway companies subject to the jurisdiction of the Board, under section 321 of the Railway Act, for approval of a proposed Supplement No. 12 to the Canadian Freight Classification No. 16, containing certain increased, reduced, and additional ratings, on file with the Board under file No. 19367.87.*

Notice having been given by the railway companies in the *Canada Gazette* as required by section 321 of the Railway Act, and to the mercantile organizations enumerated in the general order of the Board No. 153, dated November 4, 1915, and the proposed changes having been considered at a conference of the representatives of the Grand Trunk, Canadian Pacific, and Canadian National Railways, the Canadian Manufacturers' Association, and the Montreal and Toronto Boards of Trade, held at Montreal on the 9th day of April, 1919, when various objections filed with the Board were considered, the proposed changes were agreed to, modified, or eliminated; and upon the consideration of what has been filed and upon the report and recommendation of the Chief Traffic Officer of the Board,—

*It is ordered*: That the proposed supplement No. 12, to the Canadian Freight Classification No. 16, as finally revised and submitted for approval by G. C. Ransom, chairman of the Canadian Freight Association, by his letter dated May 28, 1919, be, and it is hereby, approved.

H. L. DRAYTON,  
*Chief Commissioner.*

OTTAWA, June 9, 1919.

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## GENERAL ORDER No. 266..

*In the matter of the Railway Act and amending Act, 7-8 Edward VII, chapter 61, section 4, and the tariffs of telegraph companies.*

File No. 10041.90.

*It is ordered:* That, subject to such order or orders as the Board may from time to time issue, all telegraph companies within the legislative authority of the Parliament of Canada be, and they are hereby, authorized to charge the telegraph tolls published in their respective tariffs filed with the Board.

H. L. DRAYTON,  
*Chief Commissioner.*

OTTAWA, June 17, 1919.

## GENERAL ORDER No. 267.

*In the matter of section 246 of the Railway Act, as amended by chapter 37 of the Acts 7-8 George V, section 4, for the carrying of wires and cables along or across the tracks of railway companies under the jurisdiction of the Board; and the application of the Canadian National Railways for an order amending the Standard Conditions and Specifications for Wire Crossings, approved by the General Order of the Board No. 231, dated May 6, 1918, made therein.*

Case No. 4704.1.

Upon its being represented to the Board by the Canadian National Railways that the pay of inspectors for inspecting over-crossings and underground lines is fixed by said Standard Conditions and Specifications at three dollars per day, and that the actual cost of such inspections to the railway companies is eleven dollars per day; the Grand Trunk and Canadian Pacific Railway Companies concurring in the above representations,—

*It is ordered:* That the said Standard Conditions and Specifications for Wire Crossings, as approved by the general order of the Board No. 231, dated May 6, 1918, be, and they are hereby, amended by striking out the words "three dollars" after the word "exceed" and before the word "per" in the sixth line of paragraph 4 of part 1 of said Conditions and Specifications, and substituting therefor the words "eleven dollars"; by adding after the word "applicant" in the sixth line of said paragraph 4 the words "such payment to cover both wages and expenses"; by striking out the figures "\$3" after the word "exceeding" and before the word "per", in the eighth line of paragraph 4 of part 2 of said Conditions and Specifications, and substituting therefor the figures "\$11"; and by adding, after the word "applicant" in the eighth line on said paragraph 4, the word "such payment to cover both wages and expenses."

H. L. DRAYTON,  
*Chief Commissioner.*

OTTAWA, June 27, 1919.

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## GENERAL ORDER No. 268.

*In the matter of the application of the Express Traffic Association on behalf of the express companies within the legislative authority of the Parliament of Canada, for general increase in rates; also the applications of the cities of Montreal, Toronto, Winnipeg, London, Lachine, Walkerville, Ottawa, Vancouver, Regina, Fort William, Prince Albert, and Halifax, the University of Saskatoon, residents of Outremont, and the Exhibition Association, Limited, of Edmonton, for increased free collection and delivery areas; the applications of the village of Bancroft, Ont.; and the town of Bridgewater, Nova Scotia, for the establishment of a free delivery service; and the application of the express companies for restricted collection and delivery limits in the city of Quebec.*

File No 2904G.

Upon hearing the applications at the sittings of the Board held at Ottawa, Toronto, Montreal, Vancouver, Victoria, Nelson, Vernon, Lethbridge, Calgary, Edmonton, Saskatoon, Regina, Winnipeg, Fort William, Sudbury, and Moncton, on the 7th, 8th, 18th, and 24th days of January and the 19th day of March, 1919, the 13th day of January and the 5th day of February, 1919, the 16th day of January, 1919, the 14th day of February, 1919, the 17th day of February, 1919, the 21st day of February, 1919, the 19th day of February, 1919, the 24th day of February, 1919, the 25th day of February, 1919, the 26th day of February, 1919, the 28th day of February, 1919, the 1st day of March, 1919, the 3rd day of March, 1919, the 5th day of March, 1919, the 7th day of March, 1919, and the 24th day of March, 1919, respectively, in the presence of counsel for and representatives of the Express Traffic Association, the Canadian Express Company, the Dominion Express Company, members of the Boards of Trade of the cities of Ottawa, Toronto, Montreal, Vancouver, Lethbridge, Calgary, Edmonton, Saskatoon, Regina, Winnipeg, Charlottetown, and Summerside, the towns of Yorkton and Kenora, the Canadian Manufacturers' Association, the National Dairy Council, the Ottawa Wholesale Fruit Shippers, the Montreal Chamber of Commerce, the Montreal Produce Merchants' Association, the Canadian Fish Association, the Canadian Fish and Cold Storage Company, the Department of Fisheries, the Canada Food Board, the International Harvester Company, the Marconi Wireless Telegraph Company, the British Columbia Fruit Growers Association, the Wholesale Fish Dealers Association of British Columbia, the Canadian Fish Company, the greenhouse industry, the Commissioner of Fisheries for the Government of the province of British Columbia, the Gordon Head Company of Victoria, the Hatzic Fruit Growers Association, the British Columbia Growers, Limited, the Kootenay District Fruit Growers, the Department of Agriculture for the province of British Columbia, the Northern Okanagan Creamery Association, the Salmon Arm Farmers Exchange, the Kootenay Lake Farmers Institute, the Arrow Lake Farmers' Institute, the Crystal Dairy of Lethbridge, the Milk and Cream Shippers of Calgary, the Swift Canadian Company, the United Farmers of Alberta, the Saskatoon Pure Milk Company, the Saskatoon Brewing Company, the Retail Merchants' Association of Saskatchewan, the Saskatchewan Co-operative Creameries, the Western Canada Dairymen's Association, the Regina Bread Shippers, the Steele Briggs Seed Company, the Vipond Fruit Company, the Crescent Dairy Company, the Milwood Cream Producers, and the Belmont Cream Producers, other shippers appearing in person, the evidence adduced, and what was alleged; and upon reading the written submissions filed, judgment, dated July 17, 1919, was delivered by the Chief Commissioner and concurred in by the members of the Board, copy of said judgment being attached hereto,—

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*It is ordered:* That, subject to the terms of the said judgment of July 17, 1919, which is hereby made part of this order, the tariffs issued under the authority of and in conformity with the judgment be, and they are hereby, required to be published and filed at least five days previous to the date on which they are to become effective.

*And it is further ordered:* That the express freight collection and delivery plan outlined in the judgment be given effect to, and charts of the boundaries thereunder be posted for the information of the public, with the least delay consistent with the ascertainment by the companies of the necessary data and the acquirement of any necessary additional equipment.

W. B. NANTEL,  
*Deputy Chief Commissioner.*

OTTAWA, July 25, 1919.

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GENERAL ORDER No. 269.

*In the matter of the Regulations regarding Plans and Specifications required to be filed with the Board, dated January, 1919, being standard rules for the construction of highway, farm, wire, and pipe crossings, and general requirements for interlocking appliances at rail-level crossings, junctions, and drawbridges.*

Case No. 4704.1.

Upon its being represented to the Board by the Grand Trunk Railway Company that the pay of inspectors for inspecting all crossings should be increased to \$11 a day instead of \$3, as provided in the case of wire crossings by the general order of the Board No. 267, amending the "Standard Conditions and Specifications for Wire Crossings," the Canadian National Railways and the Canadian Pacific Railway Company concurring in the above representations,—

*It is ordered:* That the said Regulations of the Board regarding Plans and Specifications required to be filed with the Board be, and they are hereby, amended by striking out the words "three dollars" after the word "exceed," in the sixth line of paragraph 7, page 14, and before the word "per," and substituting therefor the words "eleven dollars"; and by adding after the word "applicant," in the sixth line of the said paragraph 7, the words "such payment to cover both wages and expenses."

A. S. GOODEVE,  
*Commissioner.*

OTTAWA, August 7, 1919.

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GENERAL ORDER No. 270.

*In the matter of the Order of the Board No. 10453, dated May 3, 1910, dealing with the location of markers on the passenger trains of the Grand Trunk Railway Company; and General Order No. 127, dated July 6, 1914, directing that cabooses of all railway companies subject to the jurisdiction of the Board be equipped with marker sockets as provided by the order.*

Files Nos. 13455 and 13455.2.

Upon its appearing that railway companies have marker sockets at the corners of the roof on some of their passenger cars, in addition to the lower position; upon the report of the Chief Operating Officer of the Board, that, in his opinion, and with

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a view to standardization in equipment and practice, the requirements as to passenger cars and cabooses should be the same,—

*It is ordered* as follows:—

1. When passenger cars and cabooses are equipped with marker sockets in the lower position (the said lower position to be at such elevation as will permit of lamps and flags being placed therein from the platform or floor of the car without the use of steps), markers shall be carried in such lower sockets.

2. All passenger cars and cabooses hereafter constructed shall be equipped with marker sockets in the lower position.

3. All passenger cars and cabooses now in use, not equipped with marker sockets in the lower position, shall be so equipped on or before May 1, 1920.

4. The said Order No. 10453, dated May 3, 1910, and General Order No. 127, dated July 6, 1914, are hereby rescinded.

W. B. NANTEL,

*Deputy Chief Commissioner.*

OTTAWA, August 7, 1919.

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GENERAL ORDER No. 271.

*In the matter of the Canadian Freight Classification and the express Classification for Canada, and sections 322 and 360 of the Railway Act, 1919:*

File No. 25639.

*It is ordered* as follows, namely:—

1. Any reissue of the Canadian Freight Classification, or of the Express Classification for Canada, or any supplement thereto, or any supplement to the issue of either now in force, shall be submitted in printed proof form for the approval of the Board before it is made effective.

2. Should such proposed reissue or supplement remove any goods from a lower to a higher class, or in any other way add to the cost of transportation of any goods, notice of the submission thereof shall be published by the applicant in the next two succeeding issues of the *Canada Gazette*, in the following form:—

Notice is hereby given that the.....did on the .....day of .....19...., submit to the Board of Railway Commissioners for Canada, for its approval, the Canadian Freight Classification (or the Express Classification for Canada) No. ...., (or Supplement No..... to the Canadian Freight Classification No. ...., or to the Express Classification for Canada No. ....)."

3. (a) Unless, for special reasons, exemption be granted by the Board, the following symbols shall be used in the said proof, and in the approved classification or supplement, namely:—

An asterisk to denote an addition.

A large dot to denote an increase in the previous rating, or charge, or cost of transportation.

A solid triangle to denote a reduction in the previous rating, or charge, or cost of transportation.

A dagger to denote any other change.

(b) Supplements shall show against each increase or reduction a reference to the previously approved item.

4. The application to the Board shall be accompanied by—

(a) Three copies of the said proof.

(b) The reasons for proposed changes involving increased cost of transportation.

(c) A copy of the notice furnished to the King's Printer for publication in the *Canada Gazette*.

5. One copy of the said proof and of the said notice for publication shall be furnished by the applicant to the following bodies, with the request that fully explained objections, if any, to proposed changes involving increased cost of transportation be filed by them with the Board of Railway Commissioners within thirty days from the receipt of the said proof and notice:—

The Canadian Manufacturers' Association.

The Ontario Grocers' Guild.

The Manufacturers' Association of British Columbia, Vancouver, British Columbia.

The Fruit Growers' Association of Ontario.

The Montreal Chamber of Commerce.

The Boards of Trade of—

Belleville, Ontario

Brandon, Manitoba.

Brantford, Ontario.

Brockville, Ontario.

Calgary, Alberta.

Chatham, Ontario.

Collingwood, Ontario.

Cornwall, Ontario.

Edmonton, Alberta.

Fort William, Ontario.

Fredericton, New Brunswick.

Galt, Ontario.

Guelph, Ontario.

Halifax, Nova Scotia.

Hamilton, Ontario.

Kenora, Ontario.

Kingston, Ontario.

Kitchener, Ontario.

Lethbridge, Alberta.

London, Ontario.

Medicine Hat, Alberta.

Montreal, Quebec.

Nelson, British Columbia.

Ottawa, Ontario.

Owen Sound, Ontario.

Peterborough, Ontario.

Port Arthur, Ontario.

Preston, Ontario.

Prince Albert, Saskatchewan.

Prince Rupert, British Columbia.

Quebec, Quebec.

Regina, Saskatchewan.

St. Catharines, Ontario.

St. Hyacinthe, Quebec.

St. John, New Brunswick.

St. Thomas, Ontario.

Sarnia, Ontario.

Saskatoon, Saskatchewan.

Sherbrooke, Quebec.

Stratford, Ontario.

Three Rivers, Quebec.

Toronto, Ontario.

Valleyfield, Quebec.

Vancouver, British Columbia.

Victoria, British Columbia.

Waterloo, Ontario.

Windsor, Ontario.

Winnipeg, Manitoba.

Woodstock, Ontario.

Also, in the case of the freight classification, to the railway companies which are not members of the Canadian Freight Association.

6. Previous orders or regulations of the Board conflicting herewith are hereby rescinded.

S. J. McLEAN,  
*Assistant Chief Commissioner.*

OTTAWA, September 10, 1919.



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## GENERAL ORDER No. 272.

*In the matter of carriers' liability in connection with outbound freight traffic during interswitching operations:*

File No. 6713.158.

Whereas, by Order No. 7562 (General Order No. 41) dated the 15th day of July, 1909, the Board prescribed conditions and limitations to be endorsed upon the forms of bill of lading therein approved for use in Canada; and it having developed that shippers and carriers are not always receiving the protection of the said conditions and limitations during the time when freight, in carloads, is being interswitched by the "terminal carrier" to the "line carrier" under the terms of the Board's General Interswitching Order No. 252, dated the 26th day of October, 1918; and it appearing to the Board that such protection should be provided for,—

*It is ordered:* That those terminal carriers that do not issue the bill of lading for the entire movement of such freight to its destination, and which are subject to the jurisdiction of the Board, shall give the shipper a local bill of lading on the appropriate form provided for in the said General Order No. 41, covering the movement by interswitching service to the point of transfer to the line carrier that issues the bill of lading to the destination; or, if preferred and in lieu thereof, shall give the shipper what is commonly known as an interline or switching ticket or receipt, which shall contain the words, "received subject to the conditions of the company's bill of lading, which are made a part hereof."

S. J. McLEAN,

*Assistant Chief Commissioner.*

OTTAWA, September 19, 1919.

## GENERAL ORDER No. 273.

*In the matter of the application of the Grand Trunk and the Canadian Pacific Railway Companies, hereinafter called the "applicants," for an Order extending the time for one year from the 30th September, 1919, within which they may equip their freight cars with safety appliances as required by the General Order of the Board No. 128, dated July 20, 1914:*

File No. 11654.

Upon hearing the matter at the sittings of the Board held in Ottawa, October 7, 1919, the applicants, the Canadian National Railways, Brotherhood of Locomotive Engineers, and Brotherhood of Locomotive Firemen and Enginemen being represented at the hearing, and what was alleged,—

*It is ordered:* That the railway companies subject to the jurisdiction of the Board be, and they are hereby, granted an extension of time until the 30th day of September, 1920, within which to make the changes required under the said General Order No. 128, dated July 20, 1914; the railway companies to continue their present practice of filing with the Board monthly reports of the progress made in complying with the requirements of the said order.

F. B. CARVELL,

*Chief Commissioner.*

OTTAWA, October 8, 1919.

## GENERAL ORDER No. 274.

*In the matter of the application of the Canadian Railway War Board, on behalf of railway companies subject to the jurisdiction of the Board, for free transportation under section 345 of the Railway Act, 1919:*

File No. 496.26.

Upon reading the application dated the 16th day of October, 1919, and considering what has been urged in support thereof, it is ordered that the railway companies of Canada subject to the jurisdiction of the Board be permitted, until further order, to carry free of charge the following persons, viz:—

- (a) Department of Immigration of Dominion of Canada.  
For such representatives of the department as may be required by the minister or deputy minister.
- (b) Departments of Immigration and Customs of the United States.  
For such representatives of the departments as may be required by the Commissioner or Deputy Commissioner of Immigration or Collector or Deputy Collector of Customs in charge of the district.
- (c) Fire Rangers.  
Fire Rangers within their respective districts, employed or authorized by Provincial Governments.
- (d) Families of former and deceased employees of railways.
- (e) Former employees of transportation companies and their families.
- (f) Deputy ministers of departments of the Federal Government, and those having the rank of deputy ministers.

F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, November 20, 1919.

## GENERAL ORDER No. 275.

*In the matter of indicating changes in tolls in freight, passenger, express, telephone, and telegraph schedules:*

File No. 19907.

Upon its appearing to the Board that comparison of freight, passenger, express, telephone and telegraph schedules, with those which they supersede or amend, should be facilitated; and in pursuance of the powers conferred upon the Board by section 324 of the Railway Act, 1919; and upon the report and recommendation of the Chief Traffic Officer of the Board,—

*It is ordered:* That all freight, passenger, express, telephone, and telegraph tariffs, and supplements thereto, applying between points in Canada, or from a point in Canada to a foreign country, hereafter filed with the Board, shall, except as hereinafter provided, indicate advances thereby made by the symbol "A" and reductions by the symbol "R," with the necessary explanatory note, in the following manner, namely:—

1. In schedules which show the rates opposite the stations: The proper symbol to be shown against each rate, or each rule or regulation, changed.
2. In schedules in which the rates appear in a table separated from the station list:—
  - (a) Unless the station groupings have been varied relatively to their rates, the proper symbol to be shown in the rate table in the manner prescribed in section 1 hereof;

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- (b) If the station groupings have been varied relatively to their rates, the proper symbol to be shown against the reference on the station page to the rate table and against each rule or regulation changed.

Provided that if it is found impracticable in a certain case to indicate changes by either of the methods herein prescribed, application may be made to the Board, accompanied by a printer's proof of the proposed schedule, for relief from the provisions of this order in such case.

*And it is also ordered* that the character of the schedule be shown at the top of the title page, thus:—

“Advance,”  
 “Reduction,”  
 “Reissue,”  
 “New Rate or (Rates).”

and so on, as the case may be.

*And it is further ordered* that the order of the Board No. 16900, dated the 27th day of June, 1912, be, and the same is hereby, rescinded.

W. B. NANTEL,  
*Deputy Chief Commissioner.*

OTTAWA, December 16, 1919.

## GENERAL ORDER No. 276.

*In the matter of Order in Council P.C. 1863, as amended, and of all tolls now in effect by tariffs lawfully published and filed:*

File No. 28678.

In pursuance of the powers conferred upon the Board by section 325 of the Railway Act, 1919,—

*It is ordered:* That, subject to the provisions of the Railway Act, 1919, the tolls of the railway companies subject to the jurisdiction of the Board, in effect as of this date, are hereby continued in effect on and from January first, A.D., 1920.

F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, December 31, 1919.

## CIRCULAR No. 176.

*Weighing of cars.*

OTTAWA, April 9, 1919.

File 8799.13.

The Board has had its Operating Department for some time past investigating the methods and practices of the railways under its jurisdiction in connection with the manner in which cars are placed and weighed on track scales. Tests have been made of the scales at various points on the different railways by weighing cars when standing free, uncoupled at both ends, coupled on one end, and when the deck of the scale permits, coupled at both ends.

The report and recommendations of the Board's Chief Operating Officer as the outcome of these inquiries is as follows:

“The best results are obtained where one person is employed to supervise and check the weighing of cars and that person should be a ‘sworn in.’ This

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person need not be engaged as a weighmaster, exclusively, but a suitable person already working in some position on the staff should be instructed by the company's general officer having jurisdiction, and this person should have the power to instruct the men how to place the cars and supervise and take the record himself from the scale beam.

"Each company, in its own interests, should go over the facilities to see that it gets the best arrangement for protecting the scales from the severe winter conditions, water, etc."

The Board desires to have the comments of the various railway companies upon the foregoing recommendations, together with a concise statement as to the practice now followed by each railway, with a view to considering and adopting some uniform system which will work satisfactorily to both the shippers and the railways.

By order of the Board.

A. D. CARTWRIGHT,  
*Secretary.*

OTTAWA, May 27, 1919.

CIRCULAR No. 177.

*Fire Extinguishers on Steam Railways.*

Case No. 1858.

Railway companies, operated by steam, subject to the jurisdiction of this Board, are required to furnish the following data, within thirty days of the date of this circular, covering fire extinguisher equipment on their respective lines, viz:—

| Type of Car.                  | Total Number of Cars. | Number Equipped one Ex. | Number Equipped two Ex. | Remarks. |
|-------------------------------|-----------------------|-------------------------|-------------------------|----------|
| 1. Observation . . . . .      |                       |                         |                         |          |
| 2. Compartment . . . . .      |                       |                         |                         |          |
| 3. Sleeping . . . . .         |                       |                         |                         |          |
| 4. Dining . . . . .           |                       |                         |                         |          |
| 5. First-class . . . . .      |                       |                         |                         |          |
| 6. Second class . . . . .     |                       |                         |                         |          |
| 7. Colonist . . . . .         |                       |                         |                         |          |
| 8. Combination . . . . .      |                       |                         |                         |          |
| 9. Through Mail . . . . .     |                       |                         |                         |          |
| 10. Through Baggage . . . . . |                       |                         |                         |          |
| 11. Through Express . . . . . |                       |                         |                         |          |
| 12. Cabooses . . . . .        |                       |                         |                         |          |
| 13. Total . . . . .           |                       |                         |                         |          |

- 14. What is the average cost of a fire extinguisher at this date?
- 15. How many different types in use? Give names.

In replying, it is desired that the information be given in the order and by the number shown herein.

By order of the Board.

A. D. CARTWRIGHT,  
*Secretary.*

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OTTAWA, May 27, 1919.

## CIRCULAR No. 178.

*Fire Extinguishers on Electric Railways.*

Case No. 1853.

Electric railways, subject to the jurisdiction of this Board, are required to file within thirty days of the date of this circular replies to the following questions with respect to the equipment of their different cars with fire extinguishers, viz:—

1. If an order is issued requiring all passenger carrying cars on your railway to be equipped with fire extinguishers.
2. How many cars on your line would be affected?
3. How many cars have you at the present time equipped with fire extinguishers?
4. What is the average cost of an extinguisher at this date?

By order of the Board.

A. D. CARTWRIGHT,  
*Secretary.*

OTTAWA, June 23, 1919.

## CIRCULAR No. 179.

*Resuscitation from apparent death from electric shock.*

Files 10247 and 12016.

Attention is hereby directed to Circular No. 37, dated May 3, 1909, and Circular No. 119, dated July 29, 1913, issued by the Board relative to specific cases where railway employees were apparently killed by electric shock, and referring to the necessity of public education in regard to the possibility of saving lives by means of artificial respiration and the advisability of having the Rules for Resuscitation from Electric Shock universally learned.

These rules have been recently revised by the National Electric Light Association and were issued as a supplement to the *Electrical World* of New York on June 14, 1919.

The Board directs your attention to this recent revision and to the desirability of having these rules circulated broadcast; also requests that it be advised on or before July 15, 1919, as to what action has been taken.

By order of the Board.

A. D. CARTWRIGHT,  
*Secretary.*

OTTAWA, June 30, 1919.

## CIRCULAR No. 180.

*Watchmen at crossings where there are more than four tracks, when gates are out of order.*

File 29157.

The Board has considered the replies received from the various railways in answer to its letter of March 4, on this subject, and is of the opinion that it will be sufficient for the present if the railway companies will undertake to appoint two watchmen when gates are out of order at a crossing where there are more than four tracks, and when

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the traffic or other conditions justify the same for the adequate protection of the public.

The Board requests that the railway companies file an undertaking on the lines as set out herein, together with a statement in detail of the crossings involved.

By order of the Board.

A. D. CARTWRIGHT,  
*Secretary.*

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OTTAWA, October 3, 1919.

CIRCULAR No. 181.

*Filling in of trestles by railways.*

File No. 29672.

I am directed by the Board to ask that railway companies, subject to its jurisdiction, show cause why a general order should not be made requiring railway companies to obtain permission from the Board before filling in trestles which landowners or farmers had made use of as undercrossings.

It frequently happens that after a railway starts filling in a trestle some interested landowner writes to the Board that his rights to an undercrossing are being infringed and requesting an investigation that could easily have been made before the work started, if the railway had notified the Board that it intended to undertake the work.

By order of the Board.

A. D. CARTWRIGHT,  
*Secretary.*

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OTTAWA, October 29, 1919.

CIRCULAR No. 182.

*Inspection and Testing of railway steam boilers, other than locomotive boilers.*

File 29110-1.

The attention of the Board has been drawn by provincial authorities to the existing conditions with regard to the inspection of railway steam boilers other than locomotive boilers, such inspections not having been performed by provincial inspectors in one or two of the provinces for the reason that the railway companies claim that in complying with the orders of this Board they have fulfilled their obligations, the result being that the protection aimed at by the different Acts is defeated and the public is not safe-guarded.

The Board desires that railway companies, subject to its jurisdiction, consider the situation and file with the Board an expression of opinion on the whole question raised and as to whether such inspections should be made by provincial authorities, or otherwise.

By order of the Board.

A. D. CARTWRIGHT,  
*Secretary.*

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OTTAWA, October 30, 1919.

## CIRCULAR No. 183.

*Condition of hand brakes on electric cars.*

File 9610.

The Board's Operating Department have examined into the condition of hand brakes on air equipped electric cars and, in some cases, it has been found that they are not kept in proper working order. With a view to remedying the situation it is suggested that the following addition be made to clause 1 of General Order No. 56, after the word "appliances":—

"Which must be maintained in good condition".

The Board would be glad to have, at an early date, the views of electric railway companies under its jurisdiction upon the proposed amendment.

By order of the Board.

A. D. CARTWRIGHT,

*Secretary.*

OTTAWA, November 20, 1919.

## CIRCULAR No. 184.

*Reporting of accidents.*

File No. 45.

Reports covering accidents attended by personal injury are, in many cases, being addressed to the secretary. Railway companies, subject to the Board's jurisdiction, are requested to give instructions that these accident reports be addressed to the Chief Operating Officer, Board of Railway Commissioners, Ottawa, Ont., in accordance with the requirements of General Order No. 244, dated July 26, 1918.

By order of the Board.

A. D. CARTWRIGHT,

*Secretary.*

OTTAWA, November 26, 1919.

## CIRCULAR No. 185.

*Smoke nuisance from railway stationary plants.*

File 23177.

Complaint has been made to the Board of serious nuisance arising in cities by reason of the befouling of the atmosphere by dense or opaque smoke emitted from the stationary plants of railways in such municipalities.

The Board desires to be informed by the railway companies subject to its jurisdiction, within thirty days of the date of this circular, whether they are agreeable to the issuance of a general order extending the application of General Order No. 18 to stationary plants and requiring that such stationary plants be equipped so as to prevent the unnecessary and unreasonable emission of dense or opaque smoke, failing which a hearing of all parties involved will be held and a decision arrived at in the matter.

By order of the Board.

A. D. CARTWRIGHT,

*Secretary.*





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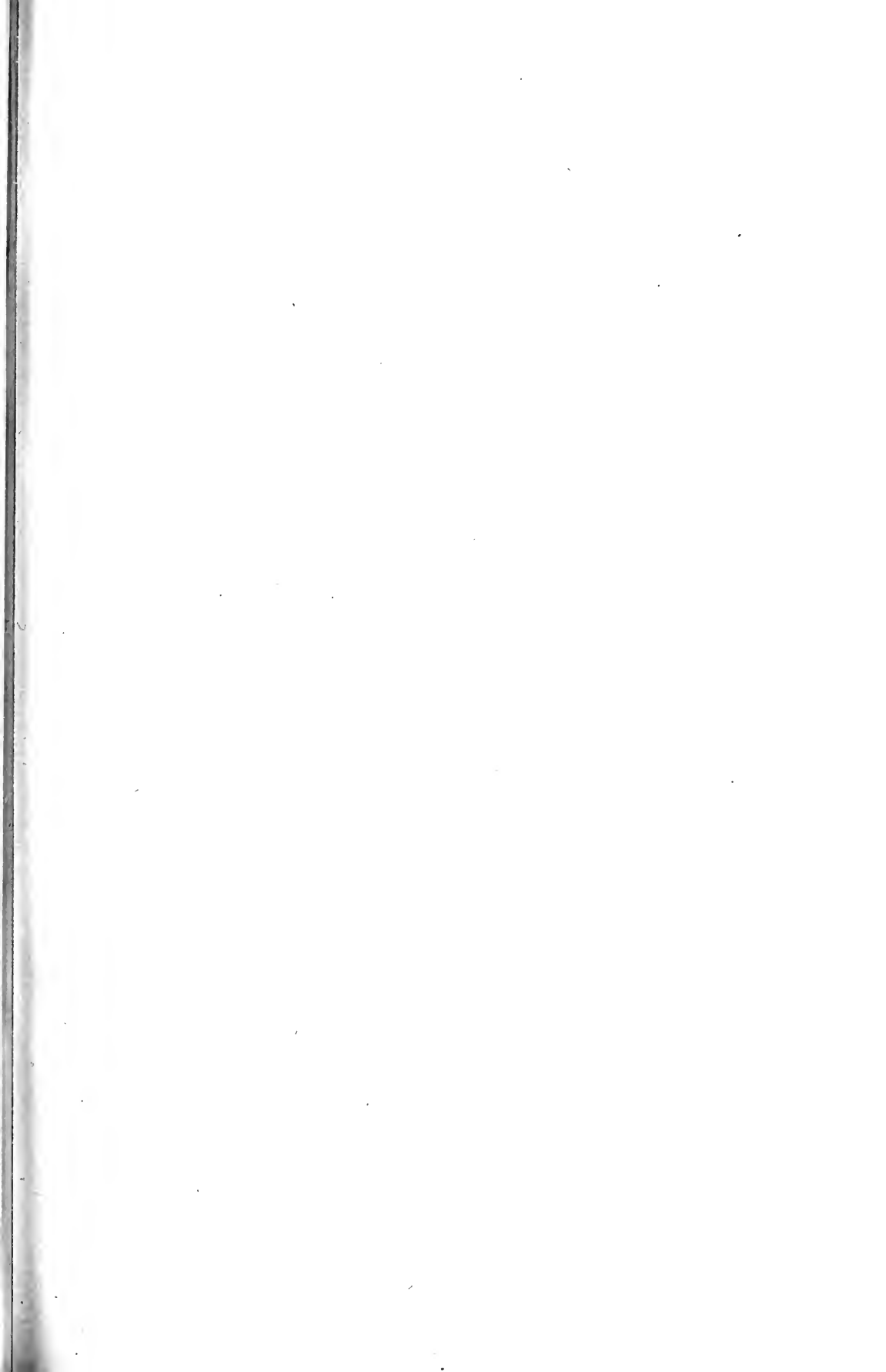
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SIXTEENTH REPORT

OF THE

BOARD OF  
RAILWAY COMMISSIONERS  
FOR CANADA

FOR THE YEAR ENDING DECEMBER 31

1920

*PRINTED BY ORDER OF PARLIAMENT*



OTTAWA  
F. A. ACLAND  
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY  
1921

**THE BOARD OF RAILWAY COMMISSIONERS FOR CANADA**

Hon. F. B. CARVELL, K.C., *Chief Commissioner.*

S. J. McLEAN, M.A., LL.B., Ph. D., *Assistant Chief Commissioner.*

Hon. W. B. NANTEL, K.C., LL.D., *Deputy Chief Commissioner.*

A. S. GOODEVE, *Commissioner.*

A. C. BOYCE, K.C., *Commissioner.*

J. G. RUTHERFORD, C.M.G., *Commissioner.*

A. D. CARTWRIGHT,  
Secretary.

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# REPORT

OF THE

## BOARD OF RAILWAY COMMISSIONERS FOR CANADA

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*To the Governor in Council:*

Pursuant to the provisions of section 31 of the Railway Act, 1919, the Board of Railway Commissioners for Canada has the honour to submit its Sixteenth Report for the year ending December 31, 1920.

Since the publication of the last report the following amendments have been made to the Railway Act, 1919:—

*“Chapter 65, 10-11 George V. An Act to Amend the Railway Act, 1919.  
Assented to 1st July, 1920.*

“His Majesty, by and with the advice and consent of the Senate and House of Commons of Canada, enacts as follows:—

“1. Section six of the Railway Act, 1919, chapter sixty-eight of the statutes of 1919, is amended by adding thereto the following subsection:—

“(2) The provisions of paragraph (c) of this section shall be deemed not to include or apply to any street railway, electric suburban railway or tramway constructed under the authority of a provincial legislature, and which has not been declared to be a work for the general advantage of Canada otherwise than by the provisions of the said paragraph. Provided that this subsection shall not affect or come into force with respect to any street railway, electric suburban railway or tramway in the province of British Columbia until the expiration of one year from the passing of this Act.”

Also the following Act:—

*“Chapter 66, 10-11 George V. An Act to Amend the Railway Act, 1919.  
Assented to 1st July, 1920.*

“His Majesty, by and with the advice and consent of the Senate and House of Commons of Canada, enacts as follows:—

“1. The Railway Act, 1919, chapter sixty-eight of the statutes of 1919, is amended by inserting the following section as section seventy-one A, immediately after section seventy-one thereof:—

“71. A (1) The Board shall have power to do and authorize such acts and things and to make from time to time such orders and regulations as the Board, by reason of real or apprehended scarcity of coal or other fuel supplies in Canada, may deem necessary or advisable for the provision of such supplies and for the distribution, control and disposition thereof.

11 GEORGE V, A. 1921

"(2) Without restricting the generality of the foregoing terms, it is declared that the powers hereinbefore conferred upon the Board shall extend to the trading in and to the exportation, importation, production and manufacture of coal and other fuel supplies.

"(3) All orders and regulations made under this section by the Board shall have the force of law, and may be varied, extended, or revoked by any subsequent order or regulation; but if any order or regulation is varied, extended, or revoked, neither the previous operation thereof nor anything duly done thereunder, shall be affected thereby, nor shall any right, privilege, obligation or liability acquired, accruing, or incurred thereunder be affected by such variation, extension or revocation.

"(4) This section shall continue in force until the last day of the next succeeding session of Parliament and no longer."

### PUBLIC SITTINGS OF THE BOARD

The applications include a great variety of matters falling within the jurisdiction of the Board under the Railway Act, varying from the complaint of a private individual to weightier matters of general public interest affecting the community as a whole.

| Provinces                  | Number |
|----------------------------|--------|
| Ontario.. . . . .          | 45     |
| Quebec.. . . . .           | 5      |
| Manitoba.. . . . .         | 4      |
| Saskatchewan.. . . . .     | 4      |
| Alberta.. . . . .          | 6      |
| British Columbia.. . . . . | 6      |
| Nova Scotia.. . . . .      | 1      |
| New Brunswick.. . . . .    | 2      |
| Total.. . . . .            | 73     |

The applications include a great variety of matters falling within the jurisdiction of the Board under the Railway Act, varying from the complaint of a private individual to weightier matters of general public interest affecting the community as a whole.

### FORMAL AND INFORMAL MATTERS

The number of informal matters dealt with by the Board, as distinguished from matters heard at public sittings, constitutes a considerable percentage of the total applications and complaints dealt with by it, that is to say, of a total of 3,770 applications and complaints received and dealt with by the Board 91 per cent was disposed of without the necessity of such formal hearing. These informal complaints, dealt with and settled without the necessity of a hearing, entail in many instances a considerable amount of inquiry and consideration on the part of the Board's officials, and cover a wide range of subjects, as, for example, a complaint of a more or less trivial nature to a matter of general public interest affecting the community as a whole, or involving the application of some general principle, regarding the railway rates.

### RAILWAY GRADE CROSSING FUND

In accordance with the provisions of subsection (5) of section 262 of the Railway Act, 1919, provision was made that the sum of \$200,000 each year, for ten consecutive years from the 1st day of April, 1919, was appropriated and set apart from the consolidated Revenue Fund for the purpose of aiding in the providing by actual

SESSIONAL PAPER No. 20c

construction work of protective safety, and conveniences for the public in respect of highway crossings of the railway at rail level, in existence on the said 1st day of April, the said sums to be placed to the credit of a special account to be known as "The Railway Grade Crossing Fund," to be applied by the Board, subject to certain limitations set out in the Act, solely towards the cost (not including that of maintenance and operation) of actual construction work for the purpose specified.

In dealing with such crossings, the Board issued, between the 1st day of April, 1909, and the 31st day of December, 1920, 443 Orders, providing for 497 crossings, as follows:—

|  |     |
|--|-----|
| By Electric bells . . . . .                              | 262 |
| Gates . . . . .  | 113 |
| Subways . . . . .  | 52  |
| Overhead bridges . . . . .                               | 24  |
| Diversion of highways . . . . .                          | 32  |
| Closing of streets . . . . .                             | 7   |
| Removal of view obstructions . . . . .                   | 5   |
| Shelter . . . . .  | 1   |
| Towers . . . . .   | 3   |
| Wig-wags . . . . .                                       | 5   |
| Bell and wig-wag . . . . .                               | 6   |
| Diversion highway and removal view obstruction . . . . . | 1   |
| Bell and removal view obstruction . . . . .              | 1   |

It will be seen by comparing the total number of crossings protected with the Fifteenth Annual Report of the Board, that the increase for the twelve months ending December 31, 1920, in the number of crossings protected, number 19, made up as follows:—

|  |   |
|--|---|
| By Bells . . . . .                                       | 4 |
| Gates . . . . .  | 2 |
| Subways . . . . .  | 1 |
| Bridges . . . . .  | 1 |
| Diversion highways . . . . .                             | 4 |
| Removal view obstructions . . . . .                      | 1 |
| Wig-wag . . . . .  | 3 |
| Bell and wig-wag . . . . .                               | 3 |
| Diversion highway and removal view obstruction . . . . . | 1 |
| Bell and removal view obstruction . . . . .              | 1 |

NOTE.—19 crossings and 21 protections consequent on account of 2 bells at one crossing and 3 diversions and one subway for 3 crossings.

It will be noted that under the new consolidated Railway Act provision is made that the total amount of money to be apportioned and directed and ordered by the Board to be payable from the annual appropriation, shall not in the case of any one crossing exceed twenty-five per cent of the cost of the actual construction work in providing such protection, and shall not in any such case exceed the sum of \$15,000, and that no such money shall in any one year be applied to more than six crossings on any one railway in any one municipality, or more than once in any one year to any one crossing.

Subsection (3) of section 262 of the consolidated Railway Act provides that in case any province contributes towards the said fund, the Board may apportion, direct and order payment out of the amount so contributed by such province, subject to any conditions and restrictions made and imposed by such province in respect of its contribution.

GENERAL DECISIONS AND RULINGS OF THE BOARD

Submitted herewith, epitomised, are some of the more important matters dealt with by the Board at its public sittings for the year ending December 31, 1920. The principal judgments of the Board will be found under appendix "A" to this report.

## GENERAL ORDERS

The following is a brief summary of some of the matters dealt with under the Board's General Orders:—

Direction with respect to freight traffic, that all railway companies subject to the Board's jurisdiction publish and file tariffs providing for certain allowances per car from the ascertained weights of loaded cars, subject to the condition that the said allowances shall not operate to reduce the net weights of the loadings of the cars below the minimum carload weights provided for in the tariffs applicable thereto.

Direction that the Board's General Order No. 173, dated October 26, 1916, be amended to permit increases in the existing charges for heating refrigerator cars by the carriers in addition to the freight rates pertaining to the loadings thereof, and also in addition to the charges, if any, for the use of the said cars.

Direction that the Board's General Order No. 260, dated the 17th March, 1919, in regard to the regulations for the transportation by freight of dangerous articles other than explosives, be amended by striking out the second paragraph of clause "J" of the rule and substituting therefor the provisions set out in the Board's General Order No. 287.

Direction that the Board's General Order providing for Standard Conditions and Specifications for Wire Crossings, dated the 6th May, 1918, be amended by striking out paragraph 4 of part 1 and providing that the wages of the inspector employed by the railway company shall not exceed \$11 per day, to be paid by the applicant, such payment to cover both wages and expenses, and that when the applicant is a municipality and the work is on a highway under its jurisdiction, the wages of the Inspector shall be paid by the railway company.

Direction that all railway companies subject to the Board's jurisdiction adopt and put into force, not later than the 1st June, 1920, certain rules relative to the inspection of locomotives and tenders, as set out in the Board's General Order No. 289.

Direction in regard to the regulations to be prescribed for the issue and recording of free transportation by railway companies subject to the jurisdiction of the Board, in accordance with the particulars set out in the Board's General Order No. 290.

Direction that all locomotives of railway companies subject to the jurisdiction of the Board be equipped with a seat for the brakeman and that the seat provided be of a comfortable design and where practicable equipped with back and window arm rest; and that such accommodation be provided by the 1st May, 1921.

Direction that the Board's General Order No. 50 in regard to the furnishing of temporary doors for cars loaded with grain, as amended by the Board's General Order No. 184, be amended by compelling the railway companies to furnish car doors to enable cars to be used for traffic in accordance with the allowances set forth in the Board's General Order No. 294.

Direction that the Regulations for the Transportation by Express of Acids, Inflammables, Oxidizing Substances, etc., on file with the Board, be approved subject to certain changes and additions, as set forth in the Board's General Order No. 296.

Direction that the telegraph companies subject to the Board's jurisdiction be permitted to file with the Board for its consideration tentative schedules.

Direction of the Board that the forms of live stock contract and special contract with attendants in charge of stock be approved in accordance with the terms of the Board's General Order No. 298.

Direction of the Board prohibiting on and after the 1st August, 1920, the exportation of coal from Atlantic, St. Lawrence river and gulf ports of Canada, except to the United States or to Newfoundland, unless otherwise permitted in accordance with regulations promulgated by the Board.

## SESSIONAL PAPER No. 20c

Direction in the matter of the International Railway rates, fares and charges, as affected by an Order of the Interstate Commerce Commission of the United States, dated July 29, 1920, and declaring that the proportions of through rates, fares and charges between the United States and Canada, fares in both directions, in effect at the date of the order, accruing within Canada, may, by general or blanket supplement to existing tariffs, be increased to the extent that the through rates, fares, and charges shall conform to the increases authorized by the said order of the Interstate Commerce Commission; except on coal and coke, increases on which are reserved pending the judgment of the Board in the application of Canadian carriers for increased rates within Canada.

Direction of the Board, in pursuance of the powers conferred upon it by chapter 66 of the Acts of Parliament of Canada, 1920, authorizing certain regulations governing the control of fuel supplies, as set out in the Board's General Order No. 314.

Direction of the Board in the matter of expediting the transportation performance of coal-carrying equipment in Canada, and under the powers conferred upon it by chapter 66 of the Acts of Parliament of Canada, 1920.

Direction of the Board that the proper charge for milling-in-transit within Canada of grain, the product of which is reshipped to the United States, be one cent per one hundred pounds on and after the 26th August, 1920.

Direction of the Board that the railway companies withdraw Special Instruction "E" from their respective working timetables and thereafter observe the Uniform Code of Rules for Canadian Railways approved by the General Order of the Board No. 42, dated the 12th July, 1909.

Direction of the Board that all cattle passes hereafter constructed by railway companies be at least 5 feet wide and 6 feet high, which dimensions are required to be adopted as a standard for cattle pass construction unless otherwise ordered by the Board.

CANADIAN MANUFACTURERS ASSOCIATION AND TORONTO BOARD OF TRADE *v.* CANADIAN EXPRESS TRAFFIC ASSOCIATION*Stations-Flag-Express-Traffic-Caretaker.*

The Board refused to direct that at every flag station at which express matter is or may be received, there should be an agent or employee to receive and take care of such express matter, but in dealing with the appointment of a caretaker at a flag station in future, one of the functions of the caretaker should be to take care of the express traffic. Flag Station Case 8 C.R.C. 151.

The matter was heard at Ottawa, October 21, 1919.

The facts are fully set out in the judgment of Assistant Chief Commissioner McLean, dated March 22, 1920, concurred in by the Chief Commissioner, Deputy Chief Commissioner, and Commissioners Goodeve and Boyce. 26, Can. Ry. Cases, 35.

UNITED GRAIN GROWERS *v.* CANADIAN NATIONAL RYS.

## 1. Jurisdiction-Refund-Traffic-Movement-Tolls-Legal.

The Board has no jurisdiction to direct refunds provided the traffic movement is in compliance with legal tariffs of tolls.

## 2. Jurisdiction-Negligence-Liability-Claim-Loss and Damage-Carrier-Court of Competent Jurisdiction.

The Board has no jurisdiction to pass upon the question of the liability of a carrier for negligence, either as bearing on the matter of loss or damage, or on a bare

statement of liability, which may or may not be used as a basis for further action. The remedy in cases of negligence must be sought by action in a Court of competent jurisdiction.

Application for an order directing the respondent to grant compensation for loss occasioned by delivery to Thunder Bay Elevator instead of Paterson's as directed.

The application was heard at Winnipeg, November 15, 1919.

Complaint of the United Grain Growers, Limited, Winnipeg, that the Canadian National Railways have refused compensation for loss occasioned by delivery to the Thunder Bay Elevator instead of to Paterson's Elevator, as directed, car C.N.R. 44458, grain ex Deepdale, December 5, 1918, consigned to the United Grain Growers, Limited, Port Arthur, care Canadian National Railways Terminal Elevator.

The facts are fully set out in the judgment of Assistant Chief Commissioner McLean, dated January 12th, 1920, concurred in by the Chief Commissioner and Commissioner Rutherford. 26, Can. Ry. Cases, 26.

#### CONSOLIDATED GAS, ELECTRIC AND POWER COMPANY V. CANADIAN PACIFIC RAILWAY COMPANY

##### 1. Jurisdiction—Tolls—International-Joint—Movement—Outbound—Inbound.

The jurisdiction of the Board with regard to tolls begins at the international boundary on an inbound movement and ends there on an outbound movement. In actual practice the Board usually deals with international joint tariffs of tolls for an outbound movement only and does not interfere with the tariff properly filed under United States practice for the inbound movement.

*Continental Prairie and Winnipeg Oil Cos. v. Canadian Pacific et al, Ry. Cos.*, 13 C.R.C. 156, at p. 161; *Essex Terminal Ry. Co. v. Grand Trunk et al, Ry. Cos.*, 22 C.R.C. 301, at p. 305 followed.

##### 2. Carriers—Participating—Toll—Basis—Movement—Mileage.

Where participating carriers in the United States, interested in two-thirds of the mileage movement are concerned in the proper scope and extent of the tariff basis, they should be referred to the United States jurisdiction for the appropriate finding and remedy within that jurisdiction. Complaint against the tolls on bog iron are charged by the respondent via connecting carriers from points in Quebec to Baltimore, Md., U.S.A.

After the preliminary hearing the application was disposed of on material on file with the Board.

The facts are fully set out in the Judgment of Assistant Chief Commissioner McLean, dated January 19, 1920, concurred in by the Deputy Chief Commissioner and Commissioners Goodeve and Rutherford. 26, Can. Ry. Cases, 11.

#### CITY OF ST. BONIFACE V. CANADIAN PACIFIC RAILWAY COMPANY

##### 1. Railway Crossed by Highway—Cost of Protection—Railway Grade Crossing Fund—No Contribution—Railway Act, 1919, Section 262 (1).

Where a highway is opened across a railway and protection is required, the full cost of protecting the crossing is imposed upon the municipality without any contribution from the Grade Crossing Fund, sec. 262 (1), but where it is not necessary to deal with the question of protection at the outset, the Board may at a later date consider the matter from the standpoint of the respective volumes of traffic on the highway and railway and deal with it accordingly.

*Town of St. Pierre v. G.T.R.* 13 C.R.C. 1, distinguished.

Application for an order authorizing the opening of Rue Messier across the tracks of the respondent in the city of St. Boniface.

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The application was heard at Winnipeg, December 2, 1919.

The facts are fully set out in the judgment of Assistant Chief Commissioner McLean, dated February 13, 1920, concurred in by the Chief Commissioner, Deputy Chief Commissioner and Commissioners Goodeve and Boyce. 26, Can. Ry. Cases, 45.

## IN re EXPRESS TOLLS

1. Jurisdiction—Express Companies—Facilities—Stations—Discretion—Unjust Discrimination—Carriage—Railway Act, section 352—Railway Act, 1919, section 364.

The amendment in section 364, former section 352, "and may order that all such goods as the Board may think proper shall be carried by express," has the effect of removing the discretion the express companies formerly had, and prohibits unjust discrimination between goods as to carriage. The Board has no jurisdiction to direct express companies to install or reinstate at a station or stations, express facilities.

2. Jurisdiction—Express Companies—Tolls—Contract Limiting Liability—Railway Act 1919, section 365.

The Board's jurisdiction over express companies is confined to tolls, contracts limiting liability and directing what goods shall be carried by express.

*Canadian and Dominion Express Cos. v. Commercial Acetylene Co.*, 9 C.R.C. 170, at p. 174, followed.

Informal Ruling of the Board, March 24, 1920. 26, Can. Ry. Cases, 32.

## GRAND TRUNK RAILWAY COMPANY v. KITCHENER AND WATERLOO STREET RAILWAY COMPANY

## Protection—Apportionment of Costs—Public Interest.

Where the Board clearly intended by Order No. 5885 that the respondent should bear the costs of protecting the crossing (other than that borne by the applicant under the order of the Railway Committee of the Privy Council dated October 10, 1895) and it has become necessary in the public interest (owing to conditions over which the respondent has no control) that the crossing should be protected during both day and night, a fair apportionment of the costs would be that 50 per cent should be borne by each of the parties interested.

*Grand Trunk Ry. Co. v. Kitchener and Waterloo Street Ry. Co.*, 24 C.R.C. 13.

Application for an order rescinding No. 5885 and directing the respondent to pay 50 per cent of the wages of the watchman employed at the diamond crossing at King street, Kitchener, Ont.

The application was heard at Kitchener, January 12, 1920.

The facts are fully set out in the judgment of Mr. Commissioner Goodeve, dated January 29, 1920, concurred in by the Chief Commissioner, the Assistant Chief Commissioner and Mr. Commissioner Boyce. 26, Can. Ry. Cases, 40.

## O'REILLY &amp; BELANGER v. GRAND TRUNK RAILWAY COMPANY

## Carriers—Facilities—Terminal Station—Traffic—Freight—Unloading and Delivery—Completion—Unjust Discrimination—Railway Act, 1919, section 316

Under section 316 of the Railway Act, 1919, the duty of a carrier to furnish facilities at the terminal station relates merely to the unloading and delivery of freight traffic, and does not include facilities for sale, thus the prohibition against unjust

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discrimination in furnishing facilities does not apply to the refusal of a carrier to allot space to enable a coal dealer to carry on business on advantageous terms with his competitors.

*Cunco v. G.T.R. Co.*, 18 C.R.C. 414, *followed*.

Application for an order directing the respondent to provide reasonable and proper facilities for the unloading, handling, storing and delivery of coal at the coal trestle, and to terminate a certain agreement or lease in respect of the said trestle made between the respondent and the Coal Trestle Company.

The application was heard at Ottawa, December 2, 1919.

The facts are fully set out in the judgment of Mr. Commissioner Goodeve, dated December 10, 1919, concurred in by the Deputy Chief Commissioner and Mr. Commissioner Boyce. 26, Can. Ry. Cases, 20.

UNITED GRAIN GROWERS AND MUNICIPALITY OF FALHER V. MUNICIPALITY OF DONNELLY *et al.*

1. Stations—Location—Distance Apart—Good Railway Practice—Western Canada.

The principle of establishing stations six to eight miles apart has been recognized for many years as good railway practice in Western Canada.

2. Carriers—Discretion—Siding—Between Stations.

The Board refused an application for the establishment of a siding about equal distance between two stations 7.6 miles apart, declining to interfere with the discretion of the railway company in the development of its interests.

Application for an order authorizing the use of the present temporary industrial siding at Falher, on the Edmonton, Dunvegan and British Columbia Railway.

The application was heard at Edmonton, November 28, and Regina, December 1, 1919.

The facts are fully set out in the judgment of the Chief Commissioner, dated March 22, 1920, concurred in by Assistant Chief Commissioner McLean and Commissioners Boyce and Rutherford. 26, Can. Ry. Cases, 53.

## APPEALS FROM DECISIONS OF THE BOARD

For the year ending December 31, 1920, there was one appeal made to the Governor-in-Council, and one appeal to the Supreme Court of Canada from the decisions of the Board.

With reference to the appeal to the Governor-in-Council, this was an appeal of the city of Windsor for rescission of the Board's Order No. 30028 authorizing the Canadian Pacific Railway Company to construct tracks to proposed freight-shed, at grade, across the unopened portion of Caron avenue, Windsor. The appeal was dismissed.

The appeal to the supreme Court was on a question of jurisdiction in the matter of the British Columbia Electric Railway Company's application for increased fares, and this appeal is still pending.

## ORDERS, GENERAL ORDERS AND CIRCULARS.

The total number of orders issued for the year ending December 31, 1920, was 1292. The number of general circulars issued by the Board, directed to all railway companies subject to its jurisdiction was 5. The general orders as distinguished from other orders issued by the Board are those affecting all railway companies subject to



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its jurisdiction. It will be noted that the number of general orders issued by the Board for the year ending December 31, 1920, was 52.

A list of the general orders and circulars for the year ending December 31, 1920, will be found compiled under appendix "F" to this report.

JUDGMENTS OF THE BOARD

A summary of the principal judgments of the Board delivered between the 1st January, 1920, and the 31st December, 1920, will be found under appendix "A".

APPLICATIONS TO THE BOARD

The total number of applications, including informal complaints made to the Board for the year ending December 31, 1920, was 3,770.

TRAFFIC DEPARTMENT OF THE BOARD.

In the Traffic Department of the Board the number of tariffs received and filed for the year ending December 31, 1920, was as follows:—

|  |               |
|--|---------------|
| Freight tariffs including supplements . . . . .                  | 41,956        |
| Passenger tariffs including supplements . . . . .                | 17,610        |
| Express tariffs including supplements . . . . .                  | 2,147         |
| Telephone tariffs including supplements . . . . .                | 5,677         |
| Sleeping and parlour car tariffs including supplements . . . . . | 224           |
| Telegraph tariffs and supplements . . . . .                      | 39            |
| Total . . . . .  | <u>67,653</u> |

The total number of tariffs filed from February 1, 1904, to December 31, 1920, was 944,747.

The details in regard to the tariffs will be found under appendix "B" to this report.

ENGINEERING DEPARTMENT OF THE BOARD

In the Engineering Department of the Board a large number of inspections were made covering the whole Dominion. These inspections for the year ending December 31, 1920, number 197, and cover inspections for the opening of a railway for the carriage of traffic, pursuant to the requirements of section 276 of the Railway Act, inspections of culverts, highway crossings, cattle-guards, road crossings, bridges, subways and general inspections falling within the scope of the work of the Engineering Department of the Board.

OPERATING DEPARTMENT OF THE BOARD

Under the work of this department is included the inspection of locomotive boilers and their appurtenances, the inspection of safety appliances on cars and locomotives, the investigation into accidents causing personal injury or loss of life, the reporting on the location of stations, matters of protection at highway crossings, and train and station service performed by the railway companies.

Under appendix "C" will be found a full and detailed report of the Chief Operating Officer of the department.

ACCIDENTS AND ACCIDENT INVESTIGATIONS

Owing to the fact that the report of the Board's Chief Operating Officer in connection with the fifteenth report of the Board was for a period of nine months ending the 31st December, 1919, this being necessitated by an amendment to the Railway

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Act altering the date of the report of the Board from the 31st March, to the 31st December in each year, it is not deemed practicable to make any comparison with the previous year.

Full particulars of passengers and employees killed and injured, and other general information in regard to trespassers killed and injured, accidents at protected and unprotected crossings, etc., will be found under appendix "C."

## FIRE INSPECTION DEPARTMENT OF THE BOARD

As reported in previous annual reports, the work of the Fire Inspection Department has been carried on in co-operation with the various Dominion and provincial fire-protective organizations.

During the fire season of 1920, a grand total of 1,732 fires from all causes were reported as having originated within 300 feet of the railway track in forested territory, along lines subject to the jurisdiction of the Board. Of this total, 30 per cent occurred in British Columbia, 28 per cent in the Prairie Provinces, 29 per cent in Ontario, 8 per cent in Quebec, 2 per cent in New Brunswick and 3 per cent in Nova Scotia.

Of the grand total, 745 fires covered less than one-fourth acre each, and did no damage, while 987 larger fires are reported to have burned over 106.853 acres and destroyed forest growth and forest products valued at \$222,931, and other property valued at \$75,913, a total of \$298,844. Of these fires, 85.6 per cent are definitely attributed to railway agencies, 3.5 per cent to known causes other than railways, and 10.9 per cent to unknown causes.

Of the total area burned over, 92.3 per cent is chargeable to railway causes, 1.2 per cent to known causes other than railways, and 6.5 per cent to unknown causes.

Of the total damage, 93.9 per cent is chargeable to railway causes, 2.3 per cent to known causes other than railways, and 3.8 per cent to unknown causes.

Of the 1,483 fires which the railways are definitely charged with having caused, 1,414 fires are attributed to sparks from locomotives and 69 fires to employees.

The fire protective appliances on 2,269 locomotives operating in forested territory were inspected by officers of the Fire Inspection Department during the fire season of 1920. The fire protective appliances on 406 locomotives were found defective, being 18 per cent of the total inspected.

The Fire-Guard Requirements, applicable to the Prairie Provinces, were revised and reissued under date of April 20, 1920. Under this revision, the option was granted the railways of handling the construction of fire-guards in wild lands and fenced grazing lands on the basis of an eight foot ploughed strip instead of a sixteen-foot ploughed strip, except as to certain specified territory. The statistical fire-guard report for 1920 shows that 9,101.9 miles of fire-guards were constructed or maintained in the Prairie Provinces.

Under appendix "D", will be found a full report of the Chief Fire Inspector, together with summaries of fire reports, inspection of locomotives and fire guard construction.

## ROUTINE WORK OF THE BOARD

### RECORD DEPARTMENT

Since the publication of the last annual report there has been no change in connection with the clerical staff of this department.

Below is given a table setting forth the number of applications filed, and letters received, during the year ending December 31, 1920, together with the number of orders issued:—

|  |        |
|--|--------|
| Number of applications made. . . . .           | 3,770  |
| " " filings received during the year. . . . .  | 32,270 |
| " " out-going letters during the year. . . . . | 26,980 |
| " " Orders issued during the year. . . . .     | 1,292  |

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THE BOARD OF RAILWAY COMMISSIONERS FOR CANADA

RECORD ROOM

STATEMENT showing the applications made to the Board under the various Sections of the Railway Act, for the year ending December 31, 1920

| Sections of Railway Act                       | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|---|------|------|------|-------|-----|------|------|------|-------|------|------|------|-------|
| Rescinding of orders, sec. 34                 | 9    | 3    | 3    | 1     | 5   | 3    | 6    | 1    | 4     | 5    | 5    | 6    | 51    |
| Rules and regulations                         | 2    | 1    |      |       |     |      |      |      |       |      |      |      | 1     |
| Extension of time, sec. 41                    | 4    | 4    | 2    | 3     | 4   | 8    | 3    | 7    | 6     | 7    | 8    | 10   | 64    |
| Location of line, sec. 167-177                | 2    | 4    |      | 3     | 1   |      | 1    |      |       |      |      |      | 20    |
| Route map, sec. 167                           | 1    | 1    |      |       |     |      | 1    |      | 1     | 2    | 2    | 3    | 11    |
| Railway as constructed, sec. 175              | 1    | 3    |      |       |     |      | 6    | 1    |       | 2    |      |      | 15    |
| Deviation of line, sec. 178                   | 4    | 6    | 3    | 4     | 3   | 17   | 6    | 8    | 6     | 9    | 1    | 2    | 69    |
| Mines and minerals, sec. 194-198              |      |      |      |       |     | 1    |      |      |       |      |      |      | 1     |
| Expropriation of lands, sec. 189-192          |      | 1    |      |       | 1   |      | 2    | 1    |       |      | 1    |      | 6     |
| Appeals                                       | 21   | 20   | 28   | 19    | 27  | 21   | 30   | 29   | 18    | 22   | 34   | 16   | 285   |
| Branch lines, sec. 180-187                    |      |      |      |       |     |      |      |      |       |      |      |      | 2     |
| Railway crossings and junctions, sec. 252-254 |      | 5    | 4    |       |     | 6    | 3    | 1    | 1     |      | 3    | 2    | 25    |
| Interlocking appliances, sec. 252             | 3    | 2    |      |       | 2   | 3    |      | 2    |       |      | 2    |      | 14    |
| Highway crossings, sec. 255-257               | 25   | 17   | 19   | 7     | 18  | 16   | 15   | 19   | 20    | 15   | 8    | 9    | 188   |
| Highway diversion, sec. 256                   |      | 9    | 5    | 3     | 2   | 11   | 12   | 3    | 8     | 2    | 4    | 3    | 62    |
| Protection at crossing, sec. 257-267          | 11   | 5    | 10   | 10    | 6   | 5    | 11   | 7    | 7     | 12   | 13   | 2    | 99    |
| Tele. and telephone connections, sec. 371     |      | 1    |      |       |     | 1    | 1    |      |       |      |      | 1    | 4     |
| Telephone wire crossings, sec. 372            |      |      |      | 1     |     |      |      |      |       |      |      |      | 1     |
| Power wire crossing, sec. 372                 |      |      |      |       | 2   |      |      |      |       |      |      |      | 7     |
| Telephone agreements, sec. 375                | 4    | 6    | 7    | 12    | 8   | 19   | 14   | 7    | 5     | 1    | 2    | 1    | 98    |
| Water pipes, sec. 269                         |      |      |      |       |     | 2    |      |      | 2     | 1    |      |      | 5     |
| Gas pipes, sec. 162                           |      |      |      |       |     |      |      |      | 1     | 1    |      |      | 1     |
| Sewers, sec. 269                              |      |      | 1    | 1     | 1   | 1    | 1    | 1    | 1     | 2    |      |      | 9     |
| Culverts, sec. 269                            |      | 3    |      |       |     |      |      |      |       |      |      |      | 1     |
| Farm crossings, sec. 272-273                  |      |      | 3    | 3     | 1   | 3    | 2    | 4    | 2     | 2    |      | 1    | 14    |
| Cattle guards, sec. 274                       |      |      |      |       |     |      | 1    | 1    | 4     | 2    | 1    | 1    | 20    |
| Fencing of right of way, sec. 274             | 1    |      | 2    | 2     | 4   | 7    | 1    | 1    | 4     |      |      |      | 5     |
| Construction on nav. waters, sec. 245-249     |      |      |      |       |     |      | 1    | 1    |       | 2    | 2    | 4    | 26    |
| Bridges, sec. 249-251                         | 15   | 4    | 17   | 15    | 15  | 14   | 28   | 14   | 8     | 8    | 6    | 13   | 157   |
| Tunnels, sec. 249-251                         |      |      |      |       |     | 2    | 2    |      | 2     |      |      |      | 8     |
| Stations, sec. 188                            | 8    | 2    | 8    | 4     | 6   | 5    | 1    | 4    | 3     | 10   | 7    | 17   | 75    |
| Condition of stations, sec. 188               |      |      |      | 5     |     |      |      |      |       | 1    | 2    |      | 8     |
| Station accommodation and agents              | 16   | 15   | 14   | 11    | 13  | 7    | 97   | 9    | 4     | 9    | 7    | 12   | 214   |
| Condition of roundhouses                      |      |      |      |       |     |      |      |      |       |      |      |      | 1     |
| Opening of railway, sec. 276-277              | 1    |      | 3    | 1     |     | 4    |      |      | 1     | 2    | 4    | 2    | 18    |
| Condition of railway, sec. 263                | 3    | 2    | 5    | 5     | 1   | 1    | 5    | 5    | 4     | 4    | 4    | 3    | 46    |
| Rolling stock, sec. 298-301                   |      | 2    | 4    | 11    | 5   | 5    | 2    | 1    | 1     | 6    | 4    | 2    | 37    |
| Train service                                 | 11   | 2    | 7    | 4     | 7   | 6    | 7    | 2    | 1     | 2    | 3    | 7    | 59    |
| Working of trains, sec. 287                   | 4    | 3    | 6    | 4     | 2   |      | 4    | 2    | 1     | 1    | 2    | 2    | 31    |
| Obstruction to traffic, sec. 311              |      |      |      | 1     |     |      |      |      |       |      |      |      | 2     |
| Accommodation for Traffic, sec. 312           | 6    | 7    | 5    | 6     | 4   | 6    | 10   | 7    | 2     | 3    | 10   | 4    | 70    |
| Accident reports, sec. 285-286                | 37   | 24   | 27   | 27    | 33  | 30   | 31   | 28   | 45    | 39   | 35   | 30   | 386   |
| Fires from locomotives                        |      |      |      |       |     |      |      |      |       | 1    | 1    |      | 3     |
| By-laws re tolls, sec. 323                    |      | 2    | 1    | 1     |     | 3    | 2    | 2    | 1     | 1    | 1    |      | 13    |
| Interswitching, sec. 316-337                  |      | 1    | 1    |       |     |      | 1    |      | 1     | 2    | 1    | 4    | 11    |
| Freight classification, sec. 322              | 2    | 2    | 1    |       | 1   | 1    |      | 1    | 2     |      |      |      | 11    |
| Forms of tariffs, sec. 323-327                |      |      |      |       |     |      |      | 1    | 2     |      |      | 1    | 11    |
| Disallowance of tariffs, sec. 325             |      | 2    | 2    |       | 5   |      | 1    | 2    | 1     |      |      |      | 3     |
| Standard freight tariffs, sec. 330            |      | 1    | 2    |       | 3   |      |      |      | 4     | 2    | 3    |      | 17    |
| Standard Passenger Tariffs, sec. 334          |      | 2    |      | 1     | 5   |      | 1    |      |       |      |      |      | 15    |
| Local passenger tariffs                       | 2    | 3    | 1    | 7     |     |      |      |      |       | 1    | 2    |      | 12    |
| Adjustment in rates                           |      |      |      |       |     |      |      |      |       |      |      |      | 13    |
| Special freight tariffs, sec. 331             | 3    | 1    |      | 1     | 1   |      | 6    | 5    | 12    | 3    | 3    |      | 23    |
| Special Passenger tariffs, sec. 335           | 2    | 4    | 4    | 9     | 1   | 3    | 8    | 5    | 1     | 1    | 2    | 7    | 28    |
| Joint tariffs, sec. 336-341                   |      |      |      |       |     | 1    | 1    |      |       |      |      |      | 41    |
| Provisions for carriage, sec. 344-348         | 1    | 1    |      | 1     |     |      |      |      |       |      |      | 1    | 3     |
| Discrimination, express rates, sec. 360       |      |      |      |       |     |      |      | 1    | 1     |      | 1    | 3    | 8     |
| Express tolls, sec. 360-366                   |      |      |      | 1     |     | 1    | 3    | 1    |       |      |      | 1    | 2     |
| Carriage by express, sec. 364                 | 2    | 3    | 4    |       | 2   | 1    |      |      | 3     |      | 3    | 1    | 7     |
| Disc. in telephone tolls, sec. 375            |      |      |      |       | 2   |      |      |      |       |      |      |      | 19    |
| Telephone tolls, sec. 375                     |      |      |      |       |     | 1    |      | 1    | 2     |      | 1    |      | 2     |
| Amalgamation agreements, sec. 151-153         |      |      |      |       |     |      |      |      |       |      |      |      | 5     |
| Traffic agreement, sec. 154                   |      |      |      | 4     |     |      |      |      | 1     |      | 1    |      | 2     |
| Enquiries                                     | 15   | 7    | 10   | 11    | 9   | 11   | 11   | 4    | 10    |      | 9    | 17   | 125   |
| Complaints                                    | 77   | 84   | 78   | 80    | 64  | 73   | 65   | 67   | 55    | 60   | 75   | 86   | 864   |
| Miscellaneous                                 | 22   | 11   | 19   | 18    | 19  | 28   | 28   | 40   | 84    | 18   | 17   | 21   | 325   |
| Totals  | 313  | 273  | 309  | 294   | 287 | 322  | 432  | 307  | 336   | 284  | 302  | 311  | 3,770 |

OTTAWA, January 31, 1921.

F. R. DEMERS,  
Senior Filing Clerk.

## APPENDIX "A"

PRINCIPAL JUDGMENTS OF THE BOARD FOR THE YEAR ENDING  
DECEMBER 31, 1920

## MILK RATES—SUSPENSION OF CERTAIN TARIFFS

*Judgment of Commissioner Boyce, dated December 18, 1919, concurred in by Chief Commissioner Carvell, Assistant Chief Commissioner McLean and Commissioner Rutherford, Deputy Chief Commissioner Nantel and Commissioner Goodeve dissenting.*

Application is made by the National Dairy Council for suspension of the following tariffs, for shipment of milk in passenger, or mixed passenger and freight train service (baggage cars), viz:—

1. Canadian Pacific Ry. Co.'s Tariff, C.R.C. No. E. 25.
2. Grand Trunk Ry. Co.'s Tariff, C.R.C. No. E. 2750.
3. Canadian National Ry. Co.'s Tariff, C.R.C. No. E. 29.
4. New York Central R.R. Co.'s Tariff, C.R.C. No. 249.
5. Quebec, Montreal & Southern Ry. Co.'s Tariff, C.R.C. No. 271.
6. Napierville Junction Ry. Co.'s Tariff, C.R.C. No. 113.
7. Montreal & Southern Counties Ry. Co.'s Tariff, Supplement No. 2 to C.R.C.

No. 22.

The first four tariffs were proposed to be made effective June 1, 1919; the fifth and sixth on June 15, and the seventh on the 25th of June, 1919.

The complainant points out that the present rates for the milk service for which the proposed tariffs provide substantial increase in charges, are found in C.P.R. Tariff C.R.C., No. E 2847, at page 20.

The substance of the objection to the proposed rates is that they are excessive; that the present rates afford adequate remuneration to the railways for the services performed in and about the carriage of this universal food commodity; that the present rates are all the traffic will, or should, bear; and that any increase is without justification, and would have the effect of increasing the cost to the consumer, of an essential food commodity. The Board of Trade of the city of Toronto joined in the objection, and, at the hearing, the Farmers' Dairy Company, Toronto, and the Ottawa Dairy Company, the Montreal Dairy Company, and the Border Chamber of Commerce, Windsor, were also represented.

Upon the representations of the applicant, and after interim submissions by the railways, and, pending a hearing and disposition thereupon, the Board, by order, suspended the operation of the tariffs, and, since the hearing, the railway companies concerned were required by the Board to submit statements of the tariff showing:—

1. The nature and extent of the milk movement to representative points—Montreal, Quebec, Ottawa, Toronto, Hamilton, London, Windsor, and any other representative points, upon the railway concerned in maintaining proposed tariff, to which the traffic moves.
2. The earnings on these movements at the proposed new rates, and the earnings on the old rates.
3. The extent, nature, and particulars of any factors, alleged to have contributed to the increased cost of the traffic, and necessitating, and alleged to justify the increase in rates—

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the delivery of which has occasioned some delay in getting the case ready for disposition.

The baggage car service for carriage of milk was inaugurated in 1886. The basis of these rates, then, were as follows:—

|   |                           |
|---|---------------------------|
| For 40 miles, or less. . . . .              | 15 cents per 8-gallon can |
| Over 40 miles and up to 80 miles . . . . .  | 20 cents per 8-gallon can |
| Over 80 miles and up to 120 miles . . . . . | 25 cents per 8-gallon can |

A revision of these rates went into effect May 1, 1891, as follows (Tariff 165):—

|                                      |                            |
|--------------------------------------|----------------------------|
| For distances 40 miles and under,    | 15 cents per 8-gallon can. |
| For distances 41 miles to 150 miles, | 20 cents per 8-gallon can. |

The effect of the revision being to effect a reduction of rates of carriage over 80 miles by 5 cents per 8-gallon can, with an extension of the maximum distance from 120 to 150 miles at 5 cents less per can than the rates of 1886 provided for.

In 1893 these rates were again varied in connection with a proposed change in the rates as to 4-gallon cans, as follows:—

|                            |                            |
|----------------------------|----------------------------|
| For 40 miles, or less,     | 8 cents per 4-gallon can.  |
| For 41 miles to 150 miles, | 11 cents per 4-gallon can. |

In June, 1911, the Board heard the application, made by the Montreal Milk Shippers' Association, asking (a) that the railway companies give a rate of 8 cents for a 4-gallon can and 15 cents for an 8-gallon can, respectively, up to 75 miles, and 11 cents for a 4-gallon can and 20 cents per 8-gallon can for all distances over 75 miles, that is, increasing the distances over which the rates prescribed in the tariff of 1893 on 4-gallon cans were effective, and, consequently, effecting a reduction in rate on the 4-gallon can; and (b) that certain conditions of carriage of the milk traffic be prescribed. By its Order, No. 15413, dated September 26, 1911, disposing of this application, the Board directed, *inter alia*, that on and after the first day of September, 1912, the railway companies should not be required to accept for transportation any cans of milk of less capacity than 8 gallons, whether containing milk or empty. This order effected a cancellation of the rates filed in 1893 on 4-gallon cans, by abolishing the traffic in that quantity, leaving the rates on 8-gallon cans as prescribed by Tariff 165, May 1, 1891, cited above. The order further prescribed conditions of carriage of the traffic, which had not theretofore been settled, and which had been the subject of frequent complaint and disputes between the shippers and carriers. As related to the history and growth of the traffic, the evidence at the hearing has some bearing on the present application and will be referred to hereafter. The conditions of carriage are substantially those prescribed by the tariff now attacked. By reference to these conditions, it will be seen, *inter alia*, that the shipper must properly mark and secure his can, and attach to it a milk ticket and shipping tag, and shall load the cans at the shipping point, and the shipper is required to have his milk at the point of shipment, properly way-billed, at least fifteen minutes before the arrival of the train on which it is to be shipped, and consignees are required to take delivery from the door of the baggage car. At flag stations billing is to be done by shippers; empty cans are to be returned by the railway company, to shipping points, free of charge—but, if such number more than 20, shippers must provide one man at shipping point to assist in their unloading. If over 40 cans the shipper is to provide two men; the railway company is to continue the issuance of milk tickets, and shall not be liable for loss of, or damage to, or delay in, any shipment of milk, or can, unless resulting from negligence of the company, its servants or agents.

It will be observed that the conditions of carriage reduce the service to be performed by the railway company to practically that of mere carriage of the commodity. The railway is relieved of the expense incident to loading and unloading,

and, to a large extent, that of billing. Its liability as a common carrier is also minimized and restricted. It is, as regards this traffic, no insurer, and the implied undertaking to carry the commodity safely is restricted to acts resulting from negligence of itself, its servants or agents. The burden, service and responsibility of the carrier are in this special arrangement shared between shipper and carrier, and it is urged, not without some considerable force, that the shippers' contribution to the service of carriage, beyond those duties resting upon a shipper in an ordinary contract of carriage, is very little less than, if not equal to, that of the carrier. In an ordinary transaction of carriage the shipper's duty is performed when he has delivered his package to the carrier at the latter's receiving station and has obtained a shipping receipt for it. Under the special conditions governing the contract for carriage of milk in baggage cars, the shipper, instead of the carrier, must attend to the ticketing or billing (in some instances) of the consignment, and load it himself, or employ others to load it, into the baggage car. On reaching its destination the consignee must be on hand on the arrival of the train to take delivery at the door of the baggage car. If he does not perform this work himself he must employ others to do it, and, both by shipper and consignee, there is a service of value, and involving expense, which expense increases proportionally with the expense of any handling or expense of carriage by the railway company. The railway performs no service to the commodity during transit. If the weather be hot there is no icing; if extremely cold, no heat is included in the service. If damage results from the absence of icing, or of heat, the carrier is not responsible. In short, the carrier has practically performed his duty when it has given space in the baggage car of its passenger trains to a milk shipment, ticketed and loaded by the shipper, and to be unloaded by the consignee at destination.

With no modification of these conditions of carriage, and with none in contemplation (as counsel for the Canadian Pacific Railway states to the Board) the tariffs now attacked are submitted, and which proposed to substitute the following rates for those now in force under the old tariffs just referred to, viz:—

EIGHT-GALLON CANS, IMPERIAL MEASURE—(C.P.R. PROPOSED TARIFF)

| Miles                                    | Rates    |
|--|----------|
| Not over 10 miles . . . . .              | 17 cents |
| Over 10, but not over 20 miles . . . . . | 18 cents |
| “ 20, “ “ “ 30 “ . . . . .               | 19 cents |
| “ 30, “ “ “ 40 “ . . . . .               | 20 cents |
| “ 40, “ “ “ 50 “ . . . . .               | 21 cents |
| “ 50, “ “ “ 60 “ . . . . .               | 22 cents |
| “ 60, “ “ “ 70 “ . . . . .               | 23 cents |
| “ 70, “ “ “ 80 “ . . . . .               | 24 cents |
| “ 80, “ “ “ 90 “ . . . . .               | 25 cents |
| “ 90, “ “ “ 100 “ . . . . .              | 26 cents |
| “ 100, “ “ “ 110 “ . . . . .             | 27 cents |
| “ 110, “ “ “ 120 “ . . . . .             | 28 cents |
| “ 120, “ “ “ 130 “ . . . . .             | 29 cents |
| “ 130, “ “ “ 140 “ . . . . .             | 30 cents |
| “ 140, “ “ “ 150 “ . . . . .             | 31 cents |

The Grand Trunk Railway Company and the Canadian National Railway Company carry the tariff up to 350 miles on the same scale; the Montreal and Southern Counties Railway Company carry the tariff up to 50 miles on the same scale; the Quebec, Montreal and Southern Railway Company and the Napierville Junction Railway Company carry the tariff to 250 miles on the same scale; and the New York Central Railroad Company carry the tariff up to 60 miles on the same scale.

There is some evidence as to the average distance of haul to different milk centres—e.g., Mr. R. D. Hughes, General Manager of the Farmers' Dairy Company, says (p. 8116), that the longest haul to Toronto in summer would be 60 miles, in winter about 140 miles. The average in summer would be 35 miles; in winter 100 miles.

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The representative of the Montreal Dairy Company says (p. 8116), that the average haul is about one-half up to 40 miles and the other half between 85 and 101 miles.

Mr. Nancekivell, of the Chamber of Commerce, Windsor, says (p. 8119), that 80 per cent of the milk supply of Windsor comes from Oxford county, Ingersoll and Woodstock, which means a haulage of from 130 to 140 miles.

These haulage figures, furnished in a general way, when applied to the centres affected, would mean the increases in tariff as follows: viz:—

|  |                |
|--|----------------|
| Toronto, summer, 35 miles, average increase                | 33.3 per cent. |
| Toronto, winter, 100 miles, average increase               | 30 per cent.   |
| Montreal, summer, 40 miles, average increase               | 33.3 per cent. |
| Montreal, winter, 35 to 101 miles, average increase        | 30 per cent.   |
| Windsor, winter and summer (80 per cent) 130 to 140 miles, | 50 per cent.   |

These are very general estimates appearing in the evidence, of mileage, given at the hearing. With a view to greater accuracy, as to mileage movements, take the average mileage of each railway to the centres to which the traffic moves—taken from statements filed by the railways since the hearing. The figures given are not indicative of the volume of traffic moving within the mileages given. That analysis will be dealt with further on.

1. *Canadian Pacific Railway Company—*

|                                     |       |
|-------------------------------------|-------|
| (a) Montreal, average mile. . . . . | 57.2  |
| (b) Ottawa, average mile. . . . .   | 40.34 |
| (c) Windsor, average mile. . . . .  | 62.36 |
| (d) Quebec, average mile. . . . .   | 32.03 |
| (e) Toronto, average mile. . . . .  | 72.04 |
| All centres, average mile. . . . .  | 60.25 |

2. *Grand Trunk Railway Company—*

|                                       |       |
|---------------------------------------|-------|
| (a) Montreal, average mile. . . . .   | 51.69 |
| (b) Ottawa, average mile. . . . .     | 32.56 |
| (c) Windsor, average mile. . . . .    | 91.77 |
| (d) Quebec, average mile. . . . .     | 97.38 |
| (e) Sherbrooke, average mile. . . . . | 23.98 |
| (f) Brockville, average mile. . . . . | 41.26 |
| (g) Hamilton, average mile. . . . .   | 20.90 |
| (h) London, average mile. . . . .     | 26.28 |
| (i) Toronto, average mile. . . . .    | 60.41 |
| All centres, average mile. . . . .    | 54.53 |

3. *Canadian National Railways—*

|                                       |       |
|---------------------------------------|-------|
| (a) Montreal, average mile. . . . .   | 39.05 |
| (b) Quebec, average mile. . . . .     | 35.80 |
| (c) Garneau, average mile. . . . .    | 21.80 |
| (d) Brockville, average mile. . . . . | 16.80 |
| (e) Trenton, average mile. . . . .    | 36.50 |
| (f) Toronto, average mile. . . . .    | 56.46 |
| All centres, average mile. . . . .    | 45.20 |

4. *New York Central Railway Company—*

|                                     |       |
|-------------------------------------|-------|
| (a) Montreal, average mile. . . . . | 34.86 |
| (b) Ottawa, average mile. . . . .   | 30.83 |
| All centres, average mile. . . . .  | 40.69 |

The other railways concerned, viz., the Quebec, Montreal and Southern, the Napierville Junction Railway, and the Montreal and Southern Counties Railway did not furnish the information upon which a similar analysis could be made.

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From the figures given above, as to the mileage movements, to different eastern centres, indicated by the railways statements, the following appears to show the general averages of distances of haul to those centres of all railways concerned, and furnishing information:—

| Centre                  | General average distance<br>of movements |
|-------------------------|--|
| 1. Montreal . . . . .   | 45-70                                    |
| 2. Ottawa . . . . .     | 34-44                                    |
| 3. Windsor . . . . .    | 77-06                                    |
| 4. Quebec . . . . .     | 53-07                                    |
| 5. Sherbrooke . . . . . | 23-98                                    |
| 6. Brockville . . . . . | 29-03                                    |
| 7. Hamilton . . . . .   | 20-90                                    |
| 8. London . . . . .     | 26-28                                    |
| 9. Toronto . . . . .    | 58-53                                    |

In further analysis of the statements furnished by the railways as to the mileage of the traffic to the six principal and representative centres, the following table will indicate the number of shipping points on each railway making return, located within the 10-mile zones proposed by the schedule:—



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STATEMENT OF TRAFFIC MOVEMENTS BETWEEN ZONES, 10 TO 150 MILES, TO PRINCIPAL CENTRES OF TRAFFIC.

| Miles                    | Montreal. |        |        | Toronto |        |        | Ottawa |        |        | Quebec |        |        | Windsor |        | Brockville |        |        | Totals |
|--------------------------|-----------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|------------|--------|--------|--------|
|                          | C.P.R.    | G.T.R. | C.N.R. | C.P.R.  | G.T.R. | C.N.R. | N.Y.C. | C.P.R. | G.T.R. | C.N.R. | C.P.R. | G.T.R. | C.P.R.  | G.T.R. | C.P.R.     | G.T.R. | C.N.R. |        |
| a 10 to 20.....          | 4         | 9      | 2      | 1       | 7      | 1      | 1      | 3      | 2      | 0      | 1      | 1      | 1       | 1      | 0          | 0      | 2      | 38     |
| b 20 to 30.....          | 9         | 13     | 4      | 3       | 14     | 3      | 1      | 1      | 1      | 0      | 1      | 0      | 0       | 0      | 0          | 4      | 1      | 63     |
| c 30 to 40.....          | 4         | 19     | 2      | 5       | 13     | 4      | 3      | 3      | 1      | 0      | 3      | 0      | 0       | 0      | 0          | 0      | 0      | 59     |
| d 40 to 50.....          | 7         | 19     | 2      | 5       | 8      | 3      | 1      | 1      | 1      | 0      | 1      | 1      | 0       | 1      | 0          | 0      | 0      | 50     |
| e 50 to 60.....          | 10        | 9      | 1      | 2       | 4      | 2      | 1      | 0      | 0      | 0      | 0      | 0      | 1       | 0      | 0          | 0      | 0      | 32     |
| f 60 to 70.....          | 10        | 15     | 1      | 5       | 5      | 2      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 0      | 0          | 0      | 0      | 36     |
| g 70 to 80.....          | 6         | 9      | 0      | 2       | 8      | 2      | 1      | 1      | 0      | 0      | 0      | 0      | 0       | 0      | 0          | 0      | 0      | 29     |
| h 80 to 90.....          | 5         | 10     | 0      | 6       | 6      | 2      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 0      | 0          | 0      | 0      | 30     |
| i 90 to 100.....         | 2         | 2      | 1      | 6       | 9      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 1       | 0      | 0          | 0      | 0      | 23     |
| j 100 to 110.....        | 3         | 2      | 0      | 4       | 8      | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 0      | 0          | 0      | 0      | 19     |
| k 110 to 120.....        | 0         | 0      | 0      | 3       | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 0      | 0          | 0      | 0      | 8      |
| l 120 to 130.....        | 0         | 2      | 0      | 3       | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 0      | 0          | 0      | 0      | 7      |
| m 130 to 140.....        | 0         | 0      | 0      | 1       | 1      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 0      | 0          | 0      | 0      | 4      |
| n 140 to 150.....        | 0         | 0      | 0      | 2       | 2      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 0      | 0          | 0      | 1      | 4      |
|                          | 62        | 109    | 14     | 48      | 87     | 22     | 7      | 11     | 7      | 0      | 6      | 6      | 4       | 3      | 0          | 6      | 5      | 402    |
|                          | 192       |        |        | 157     |        |        | 24     |        |        | 11     |        |        | 7       |        | 11         |        |        |        |
| Percentage of whole..... | 47.76%    |        |        | 39.05%  |        |        | 5.97%  |        |        | 2.74%  |        |        | 1.74%   |        | 2.74%      |        |        |        |

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The above analysis shows that the movements from the various tariff zones to all the centres named took place in the ratio and percentage following, viz:—

|      |                | Percentage Percentage Percentage |       |        |
|------|----------------|----------------------------------|-------|--------|
| From | 10 to 20 miles | 9.45                             | ..... | .....  |
| "    | 20 " 30 "      | 15.67                            | ..... | .....  |
| "    | 30 " 40 "      | 14.68                            | ..... | .....  |
|      |                | <hr/>                            |       |        |
| "    | 10 " 40 "      | .....                            | 39.80 | .....  |
| "    | 40 " 50 "      | 12.44                            | ..... | .....  |
| "    | 50 " 60 "      | 7.96                             | ..... | .....  |
|      |                | <hr/>                            |       |        |
| "    | 40 " 60 "      | .....                            | 20.40 | 60.20  |
| "    | 60 " 70 "      | 8.96                             | ..... | .....  |
| "    | 70 " 80 "      | 7.21                             | ..... | .....  |
|      |                | <hr/>                            |       |        |
| "    | 60 " 80 "      | .....                            | 16.17 | 76.37  |
| "    | 80 " 90 "      | 7.46                             | ..... | .....  |
| "    | 90 " 100 "     | 5.72                             | ..... | .....  |
|      |                | <hr/>                            |       |        |
| "    | 80 " 100 "     | .....                            | 13.18 | 89.55  |
| "    | 100 " 150 "    | .....                            | 10.45 | 100.00 |

Applying the mileage percentages above mentioned to the scale of mileage zones of the tariff now in force, the percentage of the mileage movements from those zones, according to the statements furnished by the railways, would be:—

|                        |                |
|------------------------|----------------|
| For 40 miles and under | 39.80 per cent |
| " 41 " to 150 miles    | 60.20 " "      |

And applying the percentages to the mileage zones, proposed in the new tariffs, now under consideration, the following would result as to percentage of the mileage movements from those zones, respectively, to the centres—

|                    |                |
|--------------------|----------------|
| From 0 to 40 miles | 39.80 per cent |
| " 0 " 50 "         | 52.24 " "      |
| " 0 " 60 "         | 60.20 " "      |
| " 0 " 70 "         | 69.16 " "      |
| " 0 " 80 "         | 76.37 " "      |
| " 0 " 90 "         | 83.83 " "      |
| " 0 " 100 "        | 89.55 " "      |
| " 0 " 150 "        | 10.43 " "      |

And the average of the zone haul to each of the centres respectively, would work out upon the same table, as follows:—

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AVERAGE OF ZONE HAUL TO EACH OF THE CENTRES.

| Centre          | 0 to 40 M. |           | 40 to 50 M. |           | 50 to 60 M. |           | 60 to 70 M. |           | 70 to 80 M. |           | 80 to 90 M. |           | 90 to 100 M. |           | 100 to 150 M. |           |
|-----------------|------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|--------------|-----------|---------------|-----------|
|                 |            | per cent. |             | per cent. |             | per cent. |             | per cent. |             | per cent. |             | per cent. |              | per cent. |               | per cent. |
| Montreal.....   | (a)        | 36.46     | 15.62       | 11.46     | 13.46       | 7.90      | 7.81        | 2.60      | 7.90        | 7.81      | 2.60        | 4.69      | 2.60         | 4.69      |               |           |
|                 | (b)        | .....     | 52.08       | 63.54     | 77.00       | 84.90     | 92.71       | 95.31     | .....       | .....     | .....       | .....     | .....        | .....     |               |           |
| Toronto.....    | (a)        | 35.67     | 10.19       | 5.14      | 5.05        | 7.64      | 8.92        | 9.56      | 7.64        | 8.92      | 9.56        | 7.83      | 9.56         | 7.83      |               |           |
|                 | (b)        | .....     | 45.86       | 51.00     | 56.05       | 63.69     | 72.61       | 82.17     | 63.69       | 72.61     | 82.17       | .....     | .....        | .....     |               |           |
| Ottawa.....     | (a)        | 75        | 8.33        | 8.33      | 4.17        | 8.33      | .....       | .....     | 8.33        | .....     | .....       | 4.17      | .....        | .....     |               |           |
|                 | (b)        | .....     | 83.33       | 83.33     | 87.50       | 95.83     | .....       | .....     | 95.83       | .....     | .....       | .....     | .....        | .....     |               |           |
| Quebec.....     | (a)        | 63.63     | 9.10        | 9.10      | 9.09        | 9.08      | .....       | .....     | .....       | .....     | .....       | .....     | 9.10         | .....     |               |           |
|                 | (b)        | .....     | 72.73       | 72.73     | 81.82       | 90.90     | .....       | .....     | .....       | .....     | .....       | .....     | 100.00       | .....     |               |           |
| Windsor.....    | (a)        | 14.30     | 14.27       | 14.27     | 14.29       | 14.29     | .....       | .....     | .....       | .....     | .....       | 14.28     | 14.29        | 28.57     |               |           |
|                 | (b)        | .....     | 28.57       | 28.57     | 42.86       | 42.86     | .....       | .....     | .....       | .....     | .....       | 57.14     | 71.43        | .....     |               |           |
| Brockville..... | (a)        | 72.73     | .....       | .....     | .....       | .....     | .....       | .....     | .....       | .....     | .....       | .....     | .....        | .....     | 27.27         |           |
|                 | (b)        | .....     | .....       | .....     | .....       | .....     | .....       | .....     | .....       | .....     | .....       | .....     | .....        | .....     | .....         |           |

NOTE: The figures in columns—on line marked (a) indicate percentage of traffic to and within the zone area given.  
 The figures in columns—on line marked (b) indicate addition of zone traffic to percentage of traffic to zones preceding.

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The above results are not intended to be an analysis of the volume of traffic moving between the mileage zones mentioned, but to indicate, apart from the volume of traffic carried between and attributable to certain zones, the average zone movement of the traffic.

I will now consider, in the light of what information is furnished by the railways, the volume of traffic moving between the respective zones, with a view to ascertaining, with as much accuracy as figures furnished will allow, between what zone areas the burden of increase proposed will be carried.

The shipments in cans to the larger centres shown in the railway statements, viz., Montreal, Toronto, Ottawa, Quebec, Windsor and Brockville, would (when extended upon an equal annual basis), show a total, on an annual basis (estimated), of 2,174,582, of 8-gallon cans moving to the centres mentioned. (No date under this head being furnished by any other railways than the C.P.R., G.T.R., and C.N.R.):—

| District   | C.P.R.  | G.T.R.  | C.N.R.  | N.Y.C.R.                 | Total     |
|--|---------|---------|---------|--------------------------|-----------|
| Montreal.....  | 496,226 | 545,688 | 42,869  | No. of cans<br>not given | 1,084,783 |
| Toronto.....   | 464,040 | 355,716 | 113,264 | "                        | 933,020   |
| Ottawa.....  | 18,720  | 36,780  | None.   | "                        | 55,550    |
| Quebec.....  | 35,766  | 8,682   | 23,990  | "                        | 68,438    |
| Windsor.....   | 8,658   | 18,378  | None.   | "                        | 17,036    |
| Brockville.....  |         | 9,732   | 6,123   | "                        | 15,855    |
|  |         |         |         |                          | 2,174,582 |
| Number of cans (on same estimated annual basis) shipped to other points..... |         |         |         |                          | 25,326    |
| Total annual number of cans carried (estimated).....                         |         |         |         |                          | 2,199,908 |

A glance at the above figures will show how largely Montreal and Toronto bulk as the centres of milk distribution. Together the shipments total 92.78 per cent of the total movements given by the railways, or 42.90 per cent to Toronto, 49.88 per cent to Montreal, and 7.22 per cent to other centres shown. These figures and percentages it is to be observed, are not in any sense an accurate statement of the whole traffic; but are based upon what data has been furnished by the various railways interested in supporting their proposed tariffs, and by extension of their figures upon an annual basis, when furnished only for two representative months. They are, however, close enough for analytical purposes.

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According to a statement furnished by the Canadian Pacific Railway Company, the rates now proposed would effect increases upon the present schedule according to the percentages following, viz:—

| Mileage proposed          | Present rate | Proposed rate | Increase per can | Increase percentage |
|---------------------------|--------------|---------------|------------------|---------------------|
|                           | cents        | cents         | cents            |                     |
| Not over 10 miles.....    | 15           | 17            | 2                | 13.3                |
| Over 10, not over 20..... | 15           | 18            | 3                | 20.0                |
| “ 20 “ 30.....            | 15           | 19            | 4                | 26.6                |
| “ 30 “ 40.....            | 15           | 20            | 5                | 33.3                |
| “ 40 “ 50.....            | 20           | 21            | 1                | 5.0                 |
| “ 50 “ 60.....            | 20           | 22            | 2                | 10.0                |
| “ 60 “ 70.....            | 20           | 23            | 3                | 15.0                |
| “ 70 “ 80.....            | 20           | 24            | 4                | 20.0                |
| “ 80 “ 90.....            | 20           | 25            | 5                | 25.0                |
| “ 90 “ 100.....           | 20           | 26            | 6                | 30.0                |
| “ 100 “ 110.....          | 20           | 27            | 7                | 35.0                |
| “ 110 “ 120.....          | 20           | 28            | 8                | 40.0                |
| “ 120 “ 130.....          | 20           | 29            | 9                | 45.0                |
| “ 130 “ 140.....          | 20           | 30            | 10               | 50.0                |
| “ 140 “ 150.....          | 20           | 31            | 11               | 55.0                |

The percentage of increase shown by the above table present some striking features having regard to the percentages of zone haul of the traffic to the six centres shown in the statement of average zone haul. Applying the percentages of increase of proposed rates over existing rates in the latter to the average of zone haul, it is manifest that the ordinary and well established principles of ratemaking, especially when applicable to zone hauls, are either departed from, or suffer some distortion. While long haul rates are, in proportion, cheaper than short haul rates, that element, at least, is wanting in the tariff now proposed to be based upon 10-mile haulage zones. One would expect that rates built upon that principle would increase with the number of zones covered by the total haul. The application of the tables drawn from the statements of traffic, etc., offered by the railways in support of the proposed tariff, show that, while this principle is adhered to in part, it is departed from, and in a way that largely discriminates against the volume of the traffic. In determining the fairness of the proposed increase of rates, for the carriage of so vital a food commodity, upon which a very large supply business has been built up, greater burdens rest upon the railways in their justification, and in their examination regard must be had, primarily, to the bearing, pro rata, the proposed new rates have upon the important traffic built upon the basis of the old rates. An analysis of the can mileage returns given show the following distribution of zone hauls to the large centres of Montreal and Toronto, which as I have shown bear so large a proportion of the whole traffic:—

CAN MILEAGE MOVEMENT TO MONTREAL

MILEAGE

| Railway | 0 to 20 | 0 to 30 | 0 to 40 | 0 to 50 | 0 to 60 | 0 to 70 | 0 to 80 | 0 to 90 | 0 to 100 | 0 to 110 | 0 to 120 | Totals    |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|-----------|
| C.P.R.  | 38,268  | 71,664  | 124,038 | 27,828  | 44,214  | 32,346  | 12,474  | 16,104  | 93,390   | 33,000   | 2,910    | 496,236   |
| G.T.R.  | 9,366   | 22,698  | 55,500  | 152,454 | 27,582  | 88,074  | 129,080 | 19,782  | 8,250    | 30,024   |          | 542,820   |
| C.N.R.  | 19,138  | 14,113  | 2,409   | 6,546   | 141     | 361     |         |         | 511      |          |          | 43,219    |
| Totals  | 66,772  | 108,475 | 181,947 | 186,828 | 71,937  | 120,781 | 141,564 | 35,886  | 102,151  | 63,024   | 2,910    |           |
|         |         |         |         |         |         |         |         |         |          |          |          | 2,868     |
|         |         |         |         |         |         |         |         |         |          |          |          | 1,085,143 |

Mileage—all roads—120 to 150..... 2,868  
 \*Total..... 1,085,143

CAN MILEAGE MOVEMENT TO TORONTO

|        |        |         |         |        |        |        |        |         |         |        |       |         |
|--------|--------|---------|---------|--------|--------|--------|--------|---------|---------|--------|-------|---------|
| C.P.R. | 6,036  | 56,532  | 45,186  | 15,108 | 8,280  | 2,532  | 2,418  | 133,908 | 132,810 | 25,134 | 570   | 428,394 |
| G.T.R. | 22,542 | 69,300  | 53,004  | 17,322 | 16,050 | 13,092 | 25,344 | 57,342  | 63,996  | 12,798 | 300   | 351,090 |
| C.N.R. | 1,915  | 31,117  | 18,618  | 14,491 | 4,601  | 4,061  | 11,247 | 16,350  | 8,509   | 2,243  | 1,109 | 114,264 |
| Totals | 30,493 | 156,949 | 116,808 | 46,981 | 28,934 | 19,505 | 39,009 | 207,600 | 203,315 | 40,175 | 1,979 | 893,748 |
|        |        |         |         |        |        |        |        |         |         |        |       | 47,243  |
|        |        |         |         |        |        |        |        |         |         |        |       | 940,991 |

Mileage—all roads—120 to 150 miles..... 47,243  
 \*Total..... 940,991

\*It is to be noted that slight difference in totals above from those on preceding page is due to errors of addition in statements furnished by railways.

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The application of the proposed rates to the new zone haulage of the traffic, shows the following results applicable to the centre of Montreal:—

|              |                |   |
|--------------|----------------|---|
| In zone haul | 0 to 40 miles, | 32.92 p.c. of traffic would pay 33.3 p.c. Increase. |
| "            | " 40 " 50 "    | 17.22 " " 5.0 " "                                   |
| "            | " 50 " 60 "    | 6.63 " " 10.0 " "                                   |
| "            | " 60 " 70 "    | 11.13 " " 15.0 " "                                  |
| "            | " 70 " 80 "    | 13.04 " " 20.0 " "                                  |
| "            | " 80 " 90 "    | 3.31 " " 25.0 " "                                   |
| "            | " 90 " 100 "   | 9.41 " " 30.0 " "                                   |
| "            | " 100 " 150 "  | 6.34 " " 45.0 " "                                   |

Substantially the same scale of increase is applicable to the Toronto traffic. A percentage (approximate) of 33½ per cent of the Montreal, and 33 per cent of Toronto traffic; fully 75 per cent of Ottawa; 95 per cent of Brockville; 75 per cent of Quebec; and about 6 per cent of the Windsor traffic representing 52.83 per cent (in round figures 53 per cent) of the total traffic moving to the six centres, in the traffic returns, moves in the zone 10 to 40 miles, and would, therefore, bear 33.3 per cent of the increased rates. Beyond that 10 to 40-mile zone the movements become light and scattered, as appears by the table showing average of zone haul, the additional 47 per cent of the traffic being distributed over zones from 50 to 150 miles. And yet, as the zone distances increase over 40 miles, and the traffic is divided into smaller portions between zones, and begins to dwindle as distances from centre increase, the burden of increase of rate that traffic bears sharply decreases, in the 40 to 50-mile zone (carrying 17.22 per cent of the traffic) to 5 per cent; in the 50 to 60-mile zone (carrying 6.63 per cent of the traffic) to 10 per cent; in the 60 to 70-mile zone, (carrying 11.13 per cent of the traffic) to 15 per cent; and in the 70 to 80-mile zone (carrying 13.04 per cent of the traffic) to 20 per cent; thus throwing the burden of increase of 33.3 per cent in rates upon the larger volume of traffic, moving within the shorter distances, and distributing the lighter increases (5 per cent to 20 per cent) amongst the lighter traffic moving between the zones having the longest haul.

Reference may be made to the revenue derived from this traffic, i.e., to Montreal and Toronto, in relation to total revenue shown by the railways filing tariffs. The statements of the C.P.R. and G.T.R. giving the figures, are for January and July, 1919, as representative months, so the figures are extended on an annual basis without specific regard to accuracy of calculation, but as giving a general indication as to the proportion these centres are contributing to the whole revenue shown:—

| REVENUE          |                     |                     |                     |
|------------------|---------------------|---------------------|---------------------|
|                  | Total               | Montreal            | Toronto             |
| C.P.R. . . . .   | \$185,514 60        | \$ 87,549 10        | \$ 87,420 30        |
| G.T.R. . . . .   | 180,754 50          | 104,759 40          | 62,967 60           |
| C.N.R. . . . .   | 31,081 55           | 6,480 85            | 20,671 35           |
| N.Y.C.R. . . . . | 19,607 60           | 14,102 58           | .....               |
|                  | <u>\$416,958 25</u> | <u>\$212,891 93</u> | <u>\$171,059 35</u> |

\$383,951 28

Or 92.08 per cent of the total traffic.

The gross earnings from the milk traffic in Canada as shown by railway statistics for 1918, appears to be:—

|                   |              |
|-------------------|--------------|
| For 1917. . . . . | \$538,486 32 |
| For 1918. . . . . | 550,416 08   |

by which it appears that about 69.76 per cent of the revenue from the milk traffic of Canada is derived from Montreal and Toronto traffic.

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It is argued that the proposed schedule is with a view, first, of establishing the 10-mile zones of haul for this traffic as a more feasible and workable plan of handling the traffic, and secondly, of adjusting and equalizing the rates as between the zones, but the effect, as above indicated, of its application to a traffic which, inaugurated, under special conditions in 1886, has steadily grown to substantial proportions under the rates now in force, is not to be lost sight of in considering the general reasonableness of the proposed schedule as applied to the whole traffic. As I have before pointed out, the burden of establishing the reasonableness of the proposed change is clearly upon the railways proposing the change, and the condition of the traffic under consideration is such as to call for a strict application of the principles referred to in *Dominion Sugar v. Canadian Freight Association*, 14 C.R.C., p. 188, and emphasized in *Canadian Freight Association v. Caldwell*, 15 C.R.C., 156, in which latter case at p. 157, Mr. Commissioner McLean, in delivering the judgment of the Board, said at p. 157:—

“The Board has laid down, in various decisions that where a rate which has been for sometime in force was increased, the burden of proving that such increase was reasonable was on the railway, it being held that a rate established in the first instance by a railway of its own volition was presumptively reasonable, and that it was incumbent upon the railway, if such initial rate was reasonable, to show with reasonable conclusiveness what changed conditions, or increase of operation justified the advance of the rate.”

And, in the *Pender* case, file 10720, where the rule was applied, it was required that the information as to changed conditions and cost should be as to the particular commodity on which the rate increase had been made.

While this principle was not followed in the Board's judgment in *International Paper Company v. G.T.R., C.P.R., and C.N.R. Companies*, 15 C.R.C., p. 111, the presumption was by the majority of the Board, held to be subject to the qualification that operating costs have not materially advanced. In the dissenting judgment of Mr. Commissioner McLean he says:—

“The Board, however, has laid down the position that when a rate is increased the burden is upon the railway to justify this increase; and it has further held that general allegations as to the increase of cost of service, etc., are not conclusive, as to the reasonableness of the rate. Personally, I am of the opinion that the railway should adduce particular information as to the increase of the particular costs affecting the traffic in question, if increase of cost is to have any adequate weight in justifying the reasonableness of the rate attacked. In a recent decision of the Interstate Commerce Commission, *Geo. A. Hormel & Co., v. Chicago, Milwaukee & St. Paul Ry. Co., et al*, 26 I.C.R. 1, at p. 114, the following language occurs:—

“Defendants introduced some testimony as to the increased cost of transportation by reason of higher price of equipment and greater wages paid employees, but such statements can have little weight when presented in the abstract with no attempt to allocate charges or consider corresponding reductions in the cost of transportation resulting from greater efficiency.”

The principle, therefore, remains as the Board has always held, that wherever particular costs are available in justification of an increase of a long standing rate, they should be furnished, and their absence subjects the railway to the presumption stated. I shall refer later on to the specific nature of the information required by the Board to be furnished in this case, and the effect of its not being forthcoming is considered both with regard to the application of the special circumstance, of the presumption referred to, and to the special features of the rate arrangement herein referred to.



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Having pointed out in the foregoing analysis of the information as to the traffic submitted by the railways in support of the increase what, from the information submitted, would appear to be inequalities which would result from the application of the proposed rates to the important traffic built up on the present rates it will be useful to consider the extent to which the proposed schedule is justified by the arrangements of the railways, and how far they have satisfied the onus resting upon them to establish their reasonableness and necessity.

## II

The grounds upon which the railways seek to justify the proposed tariffs may be briefly stated as follows:—

- (a) The increased cost of the service to the railways.
- (b) The increased price of milk since present rates effective.
- (c) The increase in the volume of traffic—entailing upon the railways the expense of further facilities for carrying and handling the traffic.

Were the milk rates based upon the ordinary conditions as to service, liability, and other elements, that attach to relations between shipper and carrier, the grounds referred to as the basis of the new, and increased, rates, if established by the railways, upon which the onus rests, would be entitled to every consideration. But, the history of the traffic from its inception in 1886, and from thence forward shows that, it was *“a very exceptional arrangement, and was conditional from its inception upon the shipper and consignee performing certain acts which they would not be required to perform in ordinary shipments of freight or express.”*

See evidence of Mr. J. O. Apps, General Baggage Agent, C.P.R., at hearing of complaint of Montreal Milk Shippers' Association, volume 130, p. 5142.

To the same effect is the following evidence given by Mr. Apps, reported, volume 130, p. 5140-41:—

“(Q.) The arrangement under which these rates were established involved, from its inception, did it not, the performance of certain services by the shippers and consignees?

“(A.) Yes.

“(Q.) What did they consist of?

“(A.) That the shipper should load the full can on the incoming journey and that the consignee would take delivery at the car door on arrival at destination.

“Commissioner McLEAN: Were those conditions the outcome of an agreement in the first instance, or were they something imposed by the railway?

“(A.) I understand it was an arrangement made in 1886.”

That exceptional condition—which, in a very large measure, removes the traffic from the ordinary elements of consideration and makes it largely dependent upon performance of reciprocal and exceptional obligations foreign to the ordinary relations of shipper and carrier, was further emphasized, in the same case, at p. 5199, by the following statement of Mr. Beatty, then appearing as counsel for the C.P.R.:—

“As I explained this morning, there is no doubt but that the reciprocal services performed by the carrier and shipper in respect of this peculiar commodity, handled in the way in which it was and is handled, was part of the arrangement whereby these very low rates and this fast service were obtained.”

At the time that these statements were made on behalf of the railways (June 22, 1911) the railways were opposing an application to the Board by the shippers for a lower rate; for the continuation, at a lower rate, of the 4-gallon movement, estab-

lished in 1893; and for more stringent conditions as to the railways responsibility for the shipments and carriage. All that is now urged as reasons for increasing the rates were then urged by the railways as a reason for *not reducing* them—no suggestion of an increase of rates being then offered by the railways.

The railways argued the increased cost of the service, alleging that it had increased considerably since the original and reciprocal arrangement was entered into.

Mr. Beatty says, volume 130, p. 5143—to the witness—Apps:—

“Q. Is this application tantamount to a reduction in rates?

“A. Yes.”

And at p. 5144, Mr. Beatty further said:—

“I think we can assume this, that all transportation charges have increased the cost of handling the average number of tons per mile that we handle, in the course of a year, having increased, about 80 per cent since 1886, that the cost of handling these identical trains upon which the milk is carried has increased in somewhat the same proportion.”

The same complaint as to the unremunerativeness of the traffic to the railways was argued, in defence of the then, and now, existing rates, by Mr. Beatty, at pp. 5199 and 5200 (volume 130).

The complaint as to increase in cost of operation, had it been considered a factor, was well grounded then (in 1911), as regards percentage of increased operating cost, 1885-1910.

|  |                      |
|--|----------------------|
| In 1885, operating cost per mile was . . . . . | \$2,229 00           |
| “ 1910, “ “ “ “ “ . . . . .                    | 4,869 00             |
|  | or 100 per cent plus |

so that Mr. Beatty was well within the mark in stating that cost of handling this traffic (considered a part of general traffic) had increased 80 per cent since this reciprocal and special arrangement was made in 1885, but he based it upon no claim or suggestion, that because of it the rates established upon the reciprocal agreement he propounded as a defence against the reduction of those rates, should thereby be increased.

The situation as regards the reciprocal agreement as to this traffic remains to-day—as it was in 1886—the only result of the hearing referred to being an Order, No. 15413, September 26, 1911, referred to in the earlier part of this opinion, and that, by consent of the parties (see judgment of the then Assistant Chief Commissioner, July 24, 1911), the conditions of traffic were settled upon in the form in which they appear to-day.

It is true that the railways complained, in 1911, as they do now, that the business was unremunerative, and that they did not want it—but, as Mr. Beatty said, in 1911 (volume 130, p. 5200):—

“We recognize that the system has grown up to such an extent that it is very difficult to change it, but if there is any way by which we could change it, we would be the most pleased people in the world.”

The closing words of counsel for the C.P.R. on that occasion are important, as showing the attitude of the railways upon the question (volume 130, p. 5200):—

“Now it seems clear to me that the logical way for the Board to deal with the matter is this: these rules which have been agreed to have never been tried; the shippers’ association admit, as the railways admit, that they were never given real effect to, because they were never insisted upon either by the carriers, or attempted to be lived up to by the shippers. The Board is impressed

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with the fact that these are reasonable rules and if the Board will say now, test these rules for three or four months, see that an absolute compliance with each term of each rule is required of the shippers by the carriers, then if that does not relieve the situation as complained of by the applicants, *this application can be renewed.*"

The application, it is to be borne in mind, was by the shippers, *inter alia*, for a *reduction* of the rates. The consent disposition effected by Order No. 15413 apparently worked satisfactorily, as the application was not renewed. The traffic, in the meantime, has substantially increased.

The increased price of milk to the consumer was dealt with at the hearing of the case in 1911. It was referred to again, not as a reason for increasing the existing rates, but as justifying them and as a reason why the application for their reduction should not be granted. It is alleged by the railways that the cost of milk to the consumer had increased since 1886 by 40 per cent (volume 130, p. 5145). Mr. Flintoft now argues at the hearing of this case—volume 310, pp. 8126-7—that the price of milk has increased 62 per cent since 1911, and that the rates per quart in the larger cities stated was then:—

|                | Cents |
|----------------|-------|
| Vancouver..... | 15    |
| Calgary.....   | 14    |
| Winnipeg.....  | 13    |
| Ottawa.....    | 13    |
| Montreal.....  | 14    |
| Toronto.....   | 14    |
| Quebec.....    | 14    |
| St. John.....  | 14    |

Variations in this price in some of the centres named have taken place. The price to the consumer of this essential food commodity is, always has been, and probably always will be, from its very nature, fluctuating. Eggs, butter, meat, and several other food commodities of universal consumption show rapid fluctuations in price, largely upward of late years, yet the increase in price to the consumer of such food commodities has never, of itself, justified an application by the railways for permission to increase the cost of their carriage—even as ordinary freight—much less would such circumstances of fluctuation be a factor in aiding the railways to justify the increased tolls asked under the special and reciprocal arrangement under which this traffic has been carried for 33 years, during which time the fluctuations in price must have been very considerable. I would unhesitatingly say that the justifiability of considering this as a factor has not been established.

It is also argued that the conditions of carriage, the increased volume of the traffic, entailing, as is alleged, increased expense to the railways in the handling, billing, carrying, and delivering of milk, are all factors justifying the increased rates asked for. As to the conditions of carriage, the weight of the argument is difficult to see. The present conditions, which the railways do not propose to change, are the result of the application by the shippers in 1911, and as I have pointed out, were agreed to by the railways, and have been acted upon without complaint for upwards of eight years. It was never argued, until now, that because of them the rates should be increased. We were urged (volume 130, p. 5200) to give them a trial and if not satisfactory, after trial, the then current application by the shippers for a *reduction of rates* and more stringent conditions of carriage, might be renewed. The application was not renewed, the conditions mutually agreed upon appear to have been mutually satisfactory in their operation, and it would, it seems to me, not only be unreasonable, but unjust to base a claim upon them now for the increases asked for by the railways.

The arguments as to increased volume of traffic justifying the increased rates deserves but a further passing comment. It is a factor always sought for by the

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railways, and an element which operates in reduction, rather than increase, of cost of carriage. It was admitted, as I have shown, at the hearing in 1911, by counsel for the C.P.R., that the milk traffic had grown to such an extent that it was difficult to change the system under which it had been carried since 1886 (volume 130, p. 5200). It has grown substantially since then, and, with the growth of the country must proportionally increase. It is no more an argument to-day in favour of increasing the rates than it was in 1911 in favour of retaining the present rates against an application to reduce them, and, in my opinion, it lacks the merit of consistency.

The railways further argue that the cost of handling this traffic has been further increased by the necessity imposed upon the railways of furnishing further facilities, additional baggage cars, more clerical work in billing, etc., and more men in handling returned empties, and shipments at junction points, and that with the upward curve of wages and costs generally, these must be offset by an increase in revenue. This argument is largely answered by what I have said in a previous paragraph as to conditions of carriage. The railways agreed to those conditions. They accepted, as incident to the burdens of a traffic they say they did not relish, the results of those conditions is so far as they imposed additional burdens upon them with all that they involved, present and future, as part of the reciprocal obligations which are the basis of this special traffic. This is clearly set forth in the following statement, by Mr. Flintoft at the hearing. Evidence, volume 310, p. 8122:—

“In the year 1911 the basis of milk rates was protested and very thoroughly enquired into, as a result of which the Board issued order number 15413, which upheld the basis of rates and laid down certain regulations in regard to the carriage of the milk traffic, which generally increased the burden of service upon the carriers, in connection with various features, such as loading and the giving of receipts and taking care of the traffic generally.”

Although the burden of proof is on the railways, under the decisions referred to, of showing extra cost attributable to the particular commodity carried under the tariff proposed to be increased, where, as is shown in this case, the tariff has been in force for so long a time, and, particularly, under the special reciprocal conditions upon which it was originated in 1886, and thereafter maintained, I am unable to find any evidence of increased cost attributable to this traffic. The railways have contented themselves with references to the well-known high level and upward trend of every factor of cost of operation generally, asking the Board to apply its knowledge of such to the special commodity in question. I do not read the decisions cited as justifying such a procedure. Even if, on the decisions referred to, it is alleged that general representations as to increased cost are sufficient to rebut the presumption as to the unreasonableness of an increased rate as compared with the theretofore existing rate of long standing, the special reciprocal conditions of the tariff on which the traffic was built and maintained would render it essential, as regards this particular case, that the burden of proof be fully satisfied by the railways. I cannot find any suggestion that for the specific purpose of serving this traffic the railways have had to build and put in use any additional baggage cars. It is true that loading platforms have had to be erected by the railways. They would be infinitesimal in cost in ratio to the volume of traffic and increased revenue derived therefrom. They would, also, be part of the burden the railways assumed in 1886 when entering into the reciprocal arrangement, and which they confirmed by the acceptance of the conditions of the order disposing of the application to reduce their rates. The milk moves largely on local trains, in baggage cars. If, in any specific cases (and they are not mentioned) an additional baggage car had to be put on a train to serve the milk traffic it would only be because the volume of movement necessitated the additional accommodation for milk, as it might do in the case of baggage. But, however that

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may be, the Board cannot, and should not, in a case like the present, be asked to presume that extra accommodation and service was, in specific cases, or in a percentage of cases to be guessed at, provided by the railways, and by some means, other than by evidence which it is clearly the duty of the railways to furnish, to arrive at the additional cost involved.

The whole situation—based upon the inauguration of the traffic 33 years ago—and continued practically uninterrupted ever since—is exceptional and cannot be regarded or be dealt with upon the same principles as an ordinary traffic rate. It is, as the railways squarely admit, founded as to the details of service upon special and reciprocal obligations of shipper and carrier. The Board can ignore the arrangement, if it were thought unduly onerous, but, even if the evidence pointed towards such a conclusion (and in my opinion it does not) the fact that the railways in 1911, confirmed the original arrangement, with the changed conditions of carriage, preclude any such conclusion as to the unreasonableness of the arrangement so far as either party was concerned. The service involves special features foreign to the ordinary contract of carriage, and cannot be said to be unfair to the railways. It involves services to be performed by the shipper, foreign to the ordinary contract of carriage, in consideration of which the railways agreed upon a low rate of remuneration for what services they would have to perform, practically reducible to the giving of space in its baggage cars for the cans of milk loaded therein by the shippers, and the carriage and delivery of them at the baggage car door at destination to the consignees. What the railways ask is that the value of their service shall be increased proportionately with general increases of cost of the general operation of railways. But the value of the special and unusual services contributed by the shipper and consignee, have increased in the same proportion, yet no consideration is given to that extra cost. My view is that the services, respectively, of shipper and consignee, contributed under the special arrangement for this traffic and which were the considerations, originally, and during 33 years, for the alleged low scale of tariff, are, proportionately and relatively, as valuable to-day as factors in the arrangement as they were when it was originally made. To say that the services of the railways were to be appraised now at a higher relative value than in 1886, 1891, or 1911 to those of the shipper and consignee would have the effect of destroying that reciprocal contribution of service which the railways admit was the foundation of the original special arrangement, and would disturb its balance in a manner unfavourable and unfair to the shippers.

Although possibly different considerations might suggest themselves were the railways asking to place this traffic upon a different basis, thereby ridding themselves of the original and reciprocal obligations, yet as they affirm the arrangement, while seeking to better its terms at the expense of the other parties to it, I can only deal with the situation as one resting upon the same reciprocal obligation with a view to preserving the equities, or relative rights of each party.

The railway companies (C.P.R. and G.T.R.) submitted since the hearing, statements purporting to show the earnings of the milk traffic for representative months on a car-footage and car-mileage basis, as follows:—

STATEMENT SHOWING TOTAL REVENUE FROM MILK TRAFFIC,  
EASTERN LINES, JANUARY AND JULY, 1919

C. P. R.—

|  |              |
|--|--------------|
| 1. Total revenue—Present. . . . .                                | \$30,919.10  |
| Proposed. . . . .  | 39,079.96    |
| 2. Total car foot miles. . . . .                                 | 6,807,579    |
| 3. Plus 25 per cent working space in the case of L.C.L. traffic. | 8,064,691    |
| 4. Revenue—  |              |
| Per car foot—Present. . . . .                                    | 3,834 mills  |
| Proposed. . . . .  | 4,845 mills  |
| Per car mile, 60-foot cars—Present. . . . .                      | 23.004 cents |
| Proposed. . . . .  | 29.07 cents  |

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STATEMENT OF MILK TRAFFIC, JANUARY AND JULY, 1919, SHOWING EARNINGS,  
CAR FOOT MILES AND CAR MILE

G. T. R.—

|   |             |
|---|-------------|
| 1. Total revenue—Present.. . . . .  | \$30,125.75 |
| Proposed.. . . . .  | 36,396.85   |
| 2. Total car foot miles.. . . . .   | 7,182,481   |
| 3. Plus 25 per cent for working space in case of L.C.L. traffic.. . . . . | 8,559,395   |
| 4. Per car foot mile—Present.. . . . .                                    | 3.519 mills |
| Proposed.. . . . .  | 4.252 mills |
| Per car mile—60-foot cars—Present.. . . . .                               | 21.11 cents |
| Proposed.. . . . .  | 29.07 cents |

These statements are prepared upon the same basis and are submitted in support of an argument that the same principles as to earnings applicable to express cars should be applied to baggage cars and the milk traffic therein. Mr. Flintoft refers in this connection to the judgment in the Railway Mail Rates and Express Rates Case, and argues that traffic carried in baggage cars should be paid for and be treated in all respects as regards car mileage earnings as that carried by express car. I have referred to, and emphasized the fact that the general well known principles of rate making do not, by reason of the special circumstances and the nature of the special reciprocal arrangement under which this traffic is carried, apply to the tariffs proposed and, consideration of the argument advanced is not, therefore, necessary to the conclusion I have arrived at. I would, however, observe that, in so far as, in the special circumstances reviewed as regards this traffic it is necessary to deal with that contention, it would appear, as a primary difficulty, that this is not express traffic.

The contention that a baggage car, utilized for this special purpose is to be treated as in the same class as a mail or express car, in my opinion need not be passed upon here.

The railways gave no particulars as to the increased cost at the hearing. They referred only to the increased cost of operation generally, and, as incident to that, and without giving particulars thereof, to the alleged general factors tending to increase cost. I have dealt with these general factors, and am without data, figures, or particulars to deal further with any other question of increased cost applicable to this traffic. After the hearing, and by letter, dated September 13 last, the railways were notified that the Board considered that the proposed increase in rates indicated in tariffs filed, and held under suspension, had not been so clearly and sufficiently supported and justified as to warrant any other order being made except for continuance of suspension of the tariffs. That the Board considered that the railways had not discharged the onus resting upon them of showing the necessity for increased rates or reasonableness of tariff; and the railways were required to submit and serve upon the opposite parties, statements of the traffic, showing, *inter alia*:—

“3. The extent, nature and particulars of any factors alleged to have contributed to the increased cost of the traffic, and necessitating and alleged to justify, the increase in rates.”

Beyond such general factors as have been put forward and which have been dealt with in the foregoing pages, no particulars of the specific increased cost are forthcoming as a result of the Board's direction. Having disposed of what has been put forward as alleged justification of the tariffs, I am of opinion that the railways have not discharged the onus imposed upon them of justifying the tariffs as to the reasonableness of the increases asked, or with respect to the specific traffic, as to the necessity for such increased revenue as is asked.

Reference was made by Mr. Scott, counsel for the National Dairy Council, at the hearing, and subsequently, to the New England rates for milk carriage, and to

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the effect of the decisions of the Interstate Commerce Commission, in Milk and Cream Investigation (Case No. 8588) I.C.C.R. 40, p. 699; Hood v. Delaware & Hudson Co. (Case No. 765) I.C.C.R. 43, p. 375.

In the conclusion I have come to, it is not necessary to do more than to point out that the traffic mentioned is carried under lesser rates and with more service by the railways than is the Canadian traffic. Mr. Marshall filed a statement of these rates, which I quote to the extent of 150 miles.

RATES ON MILK

COMPARISON of Present and Proposed Canadian Rates per 8 Imperial Gallon Can with present "New England" Scale of Rates per 40 Wine Quarts (8½ Imperial Gallon) Can.

| Miles<br>Not over | Present<br>Canadian<br>Cts. | Proposed<br>Canadian<br>Cts. | New England<br>Cts. |
|-------------------|-----------------------------|------------------------------|---------------------|
| 10.. . . . .      | 15                          | 17                           | 11-4                |
| 20.. . . . .      | 15                          | 18                           | 11-4                |
| 30.. . . . .      | 15                          | 19                           | 13-9                |
| 40.. . . . .      | 15                          | 20                           | 13-9                |
| 50.. . . . .      | 20                          | 21                           | 16-1                |
| 60.. . . . .      | 20                          | 22                           | 16-1                |
| 70.. . . . .      | 20                          | 23                           | 18                  |
| 80.. . . . .      | 20                          | 24                           | 18-                 |
| 90.. . . . .      | 20                          | 25                           | 19-7                |
| 100.. . . . .     | 20                          | 26                           | 19-7                |
| 110.. . . . .     | 20                          | 27                           | 21-3                |
| 120.. . . . .     | 20                          | 28                           | 21-3                |
| 130.. . . . .     | 20                          | 29                           | 22-8                |
| 140.. . . . .     | 20                          | 30                           | 22-8                |
| 150.. . . . .     | 20                          | 31                           | 24-2                |

It will be noted that these rates include heat in winter and refrigeration in summer and return of empty containers, services not performed by the Canadian railways, and all involving a large percentage of the cost of carriage. About 80 per cent of the Canadian milk traffic moves from 0 to 80 miles; 93 per cent up to 100 miles. Comparison of the rates, with consideration of the extra, and valuable, service by the American roads, to conserve this important food in the best condition for consumption by the consumer, will indicate the barren nature of the service proposed to be given in Canada at a higher rate of carriage. It is true that these rates have temporarily, been increased by 25 per cent, but, with that increase, they are lower than the Canadian proposed rates, plus the valuable service mentioned. The volume of the traffic carried is said to justify the low rates. The same argument, viz: the steady increase of traffic in Canada upon the present rates, would serve to refute the necessity for any increase in Canadian rates.

The milk traffic did not participate in any of the general rate increases. No application was made with respect to it. If the arguments advanced at the hearing, and subsequently, with regard to the largely increased cost of the traffic in common with and upon the same basis as all other traffic, had been applicable to this special reciprocal arrangement, there would have been no good reason why this traffic should not have been dealt with on that application. But I am of opinion that it was not so dealt with by the railways because it was regarded as a special feature of traffic, built, as counsel for the railway admits, upon a special reciprocal arrangement, and so maintained, not carried on freight trains, or by express, and not being entitled, from its nature, to share in the increase granted such general traffic upon the basis of advances in cost of carriage and operating generally.

Reference has been made by counsel for the railways to the judgment of Sir Henry Drayton, when Chief Commissioner of this Board, in the Express Rates Case (July 17, 1919). I refer to the disposition of commodity rates particularly cream, by the judgment, and quote the following from page 164:—

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"I am ready to admit that the value of all commodities has been very greatly increased since commodity rates first came in, and that one of the elements in rate making relates to the value of the commodity carried and to the increased risk undertaken. As against the shippers and vendors of these articles of daily necessity, there is no difficulty in the express companies justifying a reasonable increase. I do not think, however, that the matter ought to be so considered at the moment. The companies will obtain a fair measure of increase in their first-class and second-class rates. That increase, it is hoped, will prove sufficient to properly maintain the companies and the business; but whatever increase is placed on these commodities would form a reason, (a comparatively small one it is true in most instances, but still a reason) for further increases in the charge made to the consumer. In the past experience it would appear that the increase in charge to the consumer would be much greater than the increased cost per pound or per pint of the commodity. The cost of living is still mounting. As I see it, it is not to the public interest, and not in the interests of the express companies themselves, to afford the excuse that a raise in the price of transportation of these essential commodities would give for still higher charges against the public. Over and above the essential interest of the consumer, a further and very real ground for withholding increases in these commodity rates, unless it proves to be absolutely necessary, lies in the position of the producer. The commodity rates are the producer's rates. He produces in quantity and ships in bulk. On the pound unit of production, his resultant profit is small. His costs have greatly increased. I would dismiss the companies' applications, in so far as the commodity rates are concerned, entirely, subject to the right of the companies, should it be found impossible for them to make both ends meet, to renew the application. I have mentioned only the chief commodity rates, but would deal with all on the same basis."

The quotation is singularly applicable in relation to the present application. Where the late Chief Commissioner says: "The companies will obtain a fair measure of increase in their first and second class rates," the same might be said of the railways, relatively to their general increases. And the reference to the increase in producers costs are also pertinent here.

The zone feature of this traffic is deserving of consideration from shipper and carrier. At present there are but two zones, 0 to 40 miles; 40 to 150 miles. The proposed tariff covers the more extended zones mentioned. Mr. Scott for the National Dairy Council, suggests 25-mile zones. It might be desirable for shippers and carriers to consider this feature, and possibly consideration of the analysis of the traffic may lead to some such improvement in this respect. This is a matter for consideration of shippers and carriers in case of the traffic generally. In my opinion there should be an order disallowing all the traffic in question.

*Judgment of Commissioner Goodeve, dated February 12, 1920. Concurred in by Deputy Chief Commissioner Nantel.*

I regret that I cannot concur fully in all the findings in the judgment of Mr. Commissioner Boyce.

My impression from the evidence is that owing to the largely increased cost of transportation generally, that this traffic should bear its fair proportion of that increase. I do not think, however, that this amount can be arrived at by an analysis of the statements of costs submitted by the railways.

As pointed out in Commissioner Boyce's judgment, this traffic is carried in a peculiar manner, and a portion of the costs that would be attributable to ordinary traffic does not apply to this case.



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The railways were asked to submit statements that would furnish the necessary data showing the increases that would apply to this particular traffic. They failed to do this. Without this information, and in view of that portion of the judgment dealing with Commodity Rates in the Express Rates Case, as quoted by Commissioner Boyce in his judgment, I agree that the tariffs should be disallowed.

BROADVIEW RATEPAYER'S ASSOCIATION, BURNABY, B.C., *re* BRITISH COLUMBIA ELECTRIC RAILWAY RATES

*Judgment of Assistant Chief Commissioner McLean, dated December 23, 1919. Concurred in by Chief Commissioner Carvell and Commissioner Rutherford.*

At the sittings of the Board in Vancouver on November 22, 1919, complaint was made of the rates, particularly those affecting Horne Payne and Crown Avenue stations. As expressed by Mr. Collier, one of the parties applicant—

“This has been argued before by the solicitor for the municipality, but the Ratepayer's Association instructed me to come and make a formal protest before this Board as to what we consider an exorbitant increase that was granted the company on this line last June. Previous to that we had a fifty cent rate ticket in existence. I will mention Horne Payne and Crown Avenue stations. At Horne Payne the rate was 5 cents a ride, Crown avenue 6 cents, buying a book costing \$3. The new rate to Horne Payne is 7 cents, an increase of 2 cents; the new rate to Crown avenue is 9 cents, an increase of 50 per cent, which we consider is exorbitant. The company in their statement listed the old rate on the basis of a ten-ride ticket, which in the case of Crown avenue would read 7½ or 75 cents for a ten-ride ticket. So far as we were concerned, using that station, the ten-ride ticket was practically non-existent, so that to us the old rate was 6 cents and the new rate is 9 cents.”

The stopping-points particularly referred to are located on the Burnaby Lake line, of the British Columbia Electric Railway. The Burnaby Lake line, in terms of its charter, is the Vancouver, Fraser Valley and Southern.

The application of the British Columbia Electric Railway Company for increases in passenger rates on the line in question was dealt with by the Board in its judgment of November 14, 1918.

In the increases for which sanction was asked were certain commutation rates. The rates herein involved fall in this class. The following detail sets out the former rate and the rate for which sanction was asked:—

COMMUTATION RATES

VANCOUVER, FRASER VALLEY AND SOUTHERN RAILWAY COMPANY

| Miles                      | Between Vancouver and New Westminster |          |      |               |          |  |
|----------------------------|---------------------------------------|----------|------|---------------|----------|--|
|                            | 10-ride adult                         |          | Mls. | 10-ride adult |          |  |
|                            | Old rate                              | New rate |      | Old rate      | New rate |  |
| 4.9 Horne Payne . . . . .  | \$0.50                                | \$0.70   | 9.8  | \$1.25        | \$1.50   |  |
| 5.5 Crown Avenue . . . . . | 0.75                                  | 0.90     | 9.2  | 1.25          | 1.50     |  |

The figures as to earnings and expenses were carefully analyzed at the time, and the conclusion was unescapable that the various increases involved were justified; and, accordingly, a sanction which covered the rates herein complained of was given.

At the hearing in Vancouver, additional information as to this condition of the line was submitted by the railway.

Intimation was given at the hearing by the Chief Commissioner that on the showing made it was improbable that the line could carry on on lower rates.

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While it cannot be said that there was much, if anything new in the way of evidence as showing that lower rate basis was justifiable at the present on the line in question, the urgent submissions as to the effect of the rate increases has caused the matter to stand for further consideration. Further consideration, however, in view of the fact that no change for the better in the condition of the line in question has been shown as compared with the date when the original judgment was given simply emphasizes the fact that the increases allowed are still justifiable.

UNITED GRAIN GROWERS, LIMITED, WINNIPEG, MAN., *re* COMPENSATION FOR LOSS ON CAR OF GRAIN, CANADIAN NATIONAL RAILWAYS

This was a complaint of the United Grain Growers, Limited, of Winnipeg, Man., setting forth that the Canadian National Railways had refused compensation for loss occasioned by delivery to the Thunder Bay Elevator at Port Arthur instead of to Paterson's Elevator, as directed in connection with car C.N. 44458, grain ex Deepdale, December 5, 1918, consigned to the United Grain Growers, Limited, Port Arthur, car of C.N.R. Terminal Elevator.

The complainants claimed that they suffered a loss of 6 cents per bushel on 1,083 bushels, total \$64.98. The following were the points on which their contention turned:—

(1) It is alleged that the railway company did not carry out instructions for placing cars and that it should, therefore, be held responsible and pay for its mistakes, as it is unfair that the farmer should be the one to suffer for the railway's negligence.

(2) It is contended that section 8 of the Grain Bill of Lading is not a defence for the railway on the facts herein involved.

(3) It is alleged that the railway company received the necessary switching instructions in ample time, but through the railway's error caused by its own "culpable negligence," delivered the cars otherwise than ordered by the applicant.

(4) It is contended that instead of the movement concerned being a diversion it really came under the switching arrangement.

(5) Application is made that instruction be issued to the Canadian Northern Railway to refund the amount involved.

(6) It is stated that if the Board has no power to direct such a refund by the railway then it is asked that the Board should rule whether or not the matter should have been properly classed as a diversion or a switching arrangement.

The railway company's statement set forth its contention as to legal obligations. It was held that the Board had no power under the Railway Act, to direct refunds, and that the application as presented was, in effect, one asking for a ruling that the railway company had been negligent; that was to say, the Board was being asked to pass upon the liability of the railway. It was further noted that as had frequently been pointed out, the powers of the Board while very general in their scope, must be dealt with as found within the four corners of the Railway Act, and it has also been pointed out in many rulings of the Board, that no jurisdiction is given it to deal with loss and damage claims. It was further pointed out that the Board has no authority to pass upon the question of liability either as bearing upon the matter of loss or damage or as bearing upon a bare statement of liability which may or may not be used as a basis for further action; that the remedy where the matter of loss or damage is concerned, must, if the parties are unable to satisfactorily adjust it, be sought by action in a court of competent jurisdiction. Consequently, the Board had no power to grant the relief asked for.

The facts are fully set out in the judgment of Assistant Chief Commissioner McLean, dated January 12, 1920, concurred in by Chief Commissioner Carvell and Mr. Commissioner Rutherford. 26, Can. Ry. Cas., 26.

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GRAND RIVER RAILWAY COMPANY. DIVERSION LINE, TOWNSHIP OF WATERLOO AND CITY OF KITCHENER, ONT.

This was an application of the Grand Trunk Railway Company for approval of a location plan filed with this Board, the object being to divert the location of a portion of their railway through the city of Kitchener, and was heard by the Board at Hamilton on the 29th day of October last, at which the city of Kitchener and the Hydro-Electric Commission of Ontario were represented by counsel as well as the applicants.

It appeared that the applicant company was the successor to the Berlin, Waterloo and Lake Huron Company, which was an amalgamation of two other companies created by legislation of the province of Ontario, and which by the provisions of C. 85 of the Statutes of Canada, 1919, became entirely under the jurisdiction of this Board, and that the Board was the only tribunal having the authority to approve or dismiss the application.

At the hearing of the application, it appeared that the opposition came from the Hydro-Electric Commission, rather than from the city of Kitchener, the contention being that the Hydro-Electric Commission had a prior location by reason of a general scheme entered into as far back as 1916 for building an electric railway from Toronto to London; that the Hydro-Electric Commission by reason of this general scheme, contend that they had a prior location over Cedar Grove avenue, which instead of running along the general line north of the Grand Trunk, runs directly from the Grand Trunk north to King street.

The facts are fully set out in the judgment of Chief Commissioner Carvell, dated January 17, 1920, concurred in by Mr. Commissioner Boyce, holding that it was unnecessary to enter into the question at present as to what amounts to priority in location, and that the Hydro-Electric Commission had done nothing to prepare the plan referred to, whereas the applicant company actually had on the ground, the rails and ties, and was awaiting permission of the Board to commence construction, and that, therefore, the application should be granted subject to all the rights which the city of Kitchener possessed as to protection of Cedar Grove avenue crossing, as well as all other public streets, which the right of way should cross in completing proposed diversion.

CONSOLIDATED GAS, ELECTRIC LIGHT AND POWER COMPANY OF BALTIMORE, MD., *re* RATES ON BOG IRON ORE.

*Judgment of Assistant Chief Commissioner McLean, dated January 19, 1920. Concurred in by Deputy Chief Commissioner Nantel and Commissioners Goodere and Rutherford. 26. Can. Ry. Cas., 11.*

Application was made in the following terms:—

“The Consolidated Gas, Electric Light and Power Company of Baltimore, State of Maryland, United States of America, hereby applies to the Board for an order and reparation under sections 317-318 of the Railway Act in conformity with the facts hereinafter set forth.

“The complaint of the above named complainant respectfully shows:—

“1. THAT the Consolidated Gas, Electric Light and Power Company of Baltimore is a corporation incorporated under the laws of the State of Maryland, United States of America, and said corporation is engaged in the manufacture, distribution and sale of gas and electricity for illuminating, power and heating purposes.

"2. THAT the defendants above named are common carriers engaged in the transportation of passengers and property, wholly by railroad, between points in the Dominion of Canada and points in the United States of America.

"3. THAT the above named complainant uses approximately six thousand tons of bog iron ore annually in connection with the purification of gas, and that for the past two years said ore has been obtained from Point du Lac, province of Quebec, Dominion of Canada.

"4. THAT pursuant to complainant's application, the Canadian Pacific Railway Company, connecting lines concurring, published, effective February 4, 1918, in Supplement number fifteen, Canadian Pacific Railway Company tariff E. 2946, C.R.C. E 3281, I.C.C. E. 1939, commodity rate of 20 cents per 100 pounds applying on bog iron ore, in carloads, minimum weight 60,000 pounds, from Three Rivers, province of Quebec, Dominion of Canada, to Baltimore, State of Maryland, United States of America, for routing via Canadian Pacific Railway Company to Prescott, Ontario, thence via Canadian Pacific Car and Passenger Transfer Company to Ogdensburg, New York, thence via New York Central Railroad to Newberry Junction, Pennsylvania, thence via Baltimore and Ohio Railroad to Baltimore, Maryland. By virtue of the intermediate clause in the tariff said rate was applicable on bog iron ore from Point du Lac, Quebec, to Baltimore, Maryland. Said rate was re-published in Canadian Pacific Railway Company tariff E 3183, C.R.C. E 3495, I.C.C. E 2028 applicable on bog iron ore from Red Hill, Quebec, to Baltimore, Maryland, applying via the same route subject to the intermediate clause in the tariff permitting application of said rate on bog iron ore from Three Rivers and Point du Lac, Quebec, to Baltimore, Maryland. Last named tariff is still in effect.

"5. THAT, effective June 25, 1918, the Board of Railway Commissioners for Canada, by Special Permission Number 76, authorized Canadian railroads to increase freight rates from points in the Dominion of Canada to points in the United States to the same extent as those in the reverse direction ordered by the McAdoo Award known as the United States Railroad Administration General Order Number 28. Said orders provided a specific increase of 30 cents per net ton on iron ore. Rates on other commodities not specifically provided for were increased 25 per centum.

"6. THAT notwithstanding the fact that the said orders provided a specific increase of 30 cents per net ton on iron ores, the defendants did not apply such increase of 30 cents per net ton on bog iron ore, but illegally and unjustly have applied the general increase of 25 per centum, thereby making the present rate 25 cents per 100 pounds from Red Hill, Quebec, to Baltimore, Maryland, instead of 21½ cents per 100 pounds, as authorized by the said United States General Order Number 28 and Canadian Special Permission Number 76. Said increase of 25 per centum was published in Special Supplement Number 1 to Canadian Pacific Railway Company's Tariff E 3183, C.R.C. E 3495 I.C.C. E 2028.

"7. THAT the defendants have alleged as an excuse for their said illegal act the pretension that bog iron ore is not an iron ore and that it is not used as iron ore.

"8. THAT, in fact, bog iron ore is an iron ore contemplated in the increase of rates on iron ores provided for by the aforementioned Special Permission Number 76 and General Order Number 28, wherein iron ores are referred to in the plural.

"9. THAT bog iron ore is a variety of iron ore called limonite and limonite is the commonest form of iron ore. (See Geological Survey of Canada, 1909, page 94; Butler's Hand Book of Minerals, page 102; Proceedings of the Canadian Mining Institution, 1912, at page 241).

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"10. THAT the ultimate use to which a product is put is not a matter which would justify the carrier in making a tariff contrary to the order of the Board.

"11. THAT the carrier has no interest in the uses to which commodities transported by it shall be put in order to enjoy a transportation rate.

"12. THAT since June 25, 1918, 14,203,986 pounds of bog iron ore have been shipped to complainant from Point du Lac, Quebec, on which complainant has been compelled to pay, and has paid under protest, freight charges, based on the rate of 25 cents per 100 pounds, and by reason of the application of the said rate of 25 cents per 100 pounds instead of the rate of 21½ cents per 100 pounds, complainant has suffered loss and damage to the extent of \$4,971.39.

"13. That complainant will in future require further large shipments of bog iron ore from Point du Lac and other points in the province of Quebec.

"14. That by reason of the facts hereinabove alleged, complainant has been subjected to the payment of rates for transportation which were when exacted, and still are, unjustly discriminatory in violation of Sections 317-318 of the Canadian Railway Act.

"Wherefore complainant prays that an Order do issue restraining the defendants from exacting the said rate of 25 cents per 100 pounds on bog iron ore from Point du Lac, Quebec, and other points to which the said rate now applies, to Baltimore, Maryland, and requiring them to substitute therefor the legal and authorized rate of 21½ cents per 100 pounds for the said commodity between the said points."

At the hearing, counsel for the applicant said the application was for an interpretation of the McAdoo Order on bog iron ore. It was set out that the Board's Special Permission No. 76 made provision that the order was to be reciprocal. The contention of the applicant was that his commodity came under the list of commodities enumerated in the McAdoo Order. It was pointed out that on page 6, section 2, of that order, it was provided that certain articles should be increased by the amount set opposite each. Reference was made to the fact that there was provision for 30 cents per net ton of 2,000 pounds on iron ores. It was set out that bog iron ore shipped from points near Three Rivers to Baltimore was concerned in the present application. The contention was made that this commodity should have been included under iron ores, thus being subject to an increase of 30 cents per net ton, while as a matter of fact it had been put under the general increase of 25 per cent, which had the effect of increasing the rate from 20 cents per 100 pounds to 25 cents.

The contention of the railway was that bog iron ore was carried as a special item entirely distinct from ordinary iron ore.

The question was raised as to the bog iron ore being used for different purposes than those arising in connection with iron ores as ordinarily referred to. The railway pointed out that there was a difference in use. The answer made by counsel for applicant was that the ultimate use to which the article is put is not a matter of concern to the railway.

Representation was made by counsel for the Canadian Pacific that the rate as charged was in accordance with the practice as approved and the interpretation as given by the United States Railroad Administration. The following excerpt from the evidence is pertinent:—

"Mr. FLINTOFT: When the matter arose in the summer of 1918, Mr. Macdonnell had our attorney at Washington communicate with the United States Railroad Administration, drawing attention to the fact that the rates on iron pyrites had been advanced the full 25 per cent, and that we had a deposit of bog iron ore on our rails that was moving to Baltimore, and asked him to

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enquire from the United States Railroad Administration as to whether it should be treated as an iron ore under the general item, or whether it should be treated specially and subjected to the 25 per cent advance. The reply was, having submitted the matter to the Railroad Administration, they advised him that his understanding of the rates was correct, and that has been confirmed by more recent communications with Mr. Campbell of the Eastern Freight Traffic Committee of the United States Railroad Administration, in reply to enquiries from Mr. Ransom who confirmed the understanding that this should be treated separately from the ordinary iron ore for smelting purposes."

It was further stated by counsel for the Canadian Pacific Railway Company that this railway was in the unfortunate situation that the United States Railroad Administration made the rates, and that this organization in interpreting its own action refused to join in anything less than a 25 per cent advance.

In the course of the hearing, at pp. 8406, 8407, the following remarks were made by the Chief Commissioner:—

"The CHIEF COMMISSIONER: . . . On the face of it, one would think this complaint ought to be given effect to. But the underlying and the real intent of the order was, as the complainant states, to adopt absolutely in Canada the advances the railways obtained, as nearly as might be, under the McAdoo Order.

"We have not before us tariffs one way or the other which would show whether Mr. McAdoo, in interpreting his own order (and he is the man who should interpret it) treats bog iron ore in the same way as ordinary iron ore, or whether he thinks the definition "bog" as against ordinary iron is such a distinction as should remove it from the iron ore clauses or not. Apparently bog iron has taken a higher classification than ordinary iron. On the other hand, there are lots of ores—and it well may be that the use of the word "iron" by Mr. McAdoo in his order was for the purpose of covering all iron ore movements, never mind what their classification might be, whether pyrites, bog iron, oxide of iron or anything else.

"If this case turns entirely upon the question of the American tariffs, as no tariff has been filed here, the Board will have to find out for itself what tariffs have been filed in American territory.

Apart from such action on the part of the American authorities, I would have said the complaint is well founded."

Since the hearing, written submissions have been made by the parties bearing on the interpretation of the provisions of the McAdoo Order as affecting the commodity in question. As showing the contradictory nature of what has been submitted, reference may be made to the following extract from a communication from applicant's solicitors:—

"After exhaustive inquiry, we have been unable to find any American decision on the point raised at the argument.

"We are instructed that Mr. Williams, the assistant secretary of the Eastern Traffic Committee of New York, advised the manager of the Consolidated Company's Traffic Department that the committee was of the opinion that the Consolidated Company's contention was sound and that bog iron ore should only be subjected to the 30 cents per ton increase but it was the practice of the Committee to follow the decision of the Canadian authorities on traffic originating in Canada."

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Apparently there has been some misunderstanding as to the position taken by the Mr. Williams referred to in the preceding extract, for the following letter is filed with the Board:—

## CANADIAN FREIGHT ASSOCIATION

MONTREAL, QUE., August 7, 1918.

File No. 1128.

Mr. H. E. MACDONNELL, A.F.T.M.,  
C.P.R., Montreal

DEAR SIR:—

*Bog Iron Ore—Canada to U.S. Ports*

“In reference to our conversation at meeting on the 5th. Attached hereto you will find copy of letter from Mr. Ziegler, Traffic Manager of the Consolidated Gas, Electric Light and Power Company of Baltimore, dated July 23, addressed to Mr. Campbell of the Eastern Freight Traffic Committee. For your information I quote from Mr. Campbell's letter of July 28, in connection therewith:

“In letter of July 23, the statement that the writer had intimated that our Committee was convinced that their contentions were sound and well founded, is incorrect. No such intimation was made.”

Yours truly,

G. C. RANSOM,

*Chairman.*

“Further, as bearing on the contradictory statements submitted, the submission of the Canadian Pacific Railway Company is as follows:—

“I find that on the request of our Mr. H. E. Macdonnell, Mr. George F. Snyder, our Attorney at Washington, has made enquiry of the Railroad Administration as to its interpretation of General Order No. 28, and for the Board's information I enclose copies of the correspondence which has taken place.

“As to the nature of the commodity, the following extract from a letter from Mr. Ben Campbell, Chairman of the Eastern Freight Traffic Committee of the Federal Controlled Lines, New York, to Mr. Ransom of the Canadian Freight Association of July 2, 1919, will be of interest:

“Bog Iron Ore, although called an ore, is, in fact, *not an ore*. It is called an ore for the reason that it has a very slight available metallic content. It is principally obtained from the hills in Canada, from which it is shovelled up and is used almost exclusively as a gas purifying agent. It can, however, be refined to make a mineral paint. This paint is, however, of a very low grade.

From the above, it would appear that Bog Iron Ore does not compete with the ores which are reduced for their metallic content, and it would also appear that Bog Iron Ore is of somewhat lower value than ores which are used for their metallic content.

“That the United States Railroad Administration does make a distinction between iron ores used for smelting purposes and those used for other purposes is clear from the fact that the rate for iron pyrites, which is a well known iron ore, was increased 25 per cent and not 30 cents per ton. I enclose a copy of the tariff giving effect to this increase (I.C.C., N.Y.C. No. 9440) and of the cancelled tariff (I.C.C., N.Y.C., No. 7023).

“Seeing that the United States Railroad Administration has given an interpretation of the Order confirming this company's attitude, the matter should now be beyond doubt.”

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The letter as above set out is in reply to and comment on a copy of the letter of the Secretary of the Interstate Commerce Commission, to which reference is made below.

Prior to the correspondence from the Canadian Pacific Railway Company, as above set out, the Board, with a view to obtaining exact information on the contentious question involved, under date of July 10, 1919, sent the following letter to the secretary of the Interstate Commerce Commission:—

“General Order No. 28 of the Director General, U.S.R.R. Administration, increased the rates on iron ores (note the plural) by 30 cents per net ton. Special Permission No. 76 of this commission followed authorizing the application of the increases of the McAdoo Order on international traffic in the reverse direction from Canada.

“Bog iron ore is shipped in considerable quantities from the province of Quebec to United States destinations, and the carriers on this side have given effect to their interpretation of the order by increasing the bog iron ore rates by 25 per cent, and complaint having been made, the contention is advanced by the carriers that the specific increase of 30 cents per ton was intended by the order to apply only to ores for smelting, the bog variety being used for other purposes.

“Will you be good enough to inform me whether the question has come before your Commission, or has arisen in another way, and, if so, what decision has been made? Will you also inform me whether bog iron ore rates between points in the United States, filed with your Commission, carry the general advance of 25 per cent, or the specific advance of 30 cents per net ton? The Board's information is that bog iron ore deposits are being worked in your country, and understands that the material moves particularly from some of the southern States.”

A reply was duly received, the material points of which are as follows:—

(a) That as the question involved an interpretation of an order of the Director General, it would be more appropriate for the Railroad Administration to interpret the order, at least as a primary matter.

(b) That, generally speaking, the tariffs published by carriers in the United States do not specifically name rates on bog iron.

(c) The Mineral Research section of the Department of the Interior advises that bog iron is properly classified as brown ore, commonly known as limonite.

(d) It was stated that advice was given to the commission by a member of the Traffic Section of the Railroad Administration that it was not aware of any tariffs which limited the increase of 30 cents per ton on iron ore to ores for smelting purposes only, and that, in terms of this information, the rates on iron ore were apparently increased by Order No. 28 to 30 cents per ton, without regard to the use of the ore.

Under date of August 23, 1919, the Board received the following letter from applicant's solicitors:—

“With further reference to the above matter, we are instructed that the United States Railroad Administration follows the decision of the Canadian authorities in applying rates on shipments to points in the United States, which originate in Canada. They will therefore apply either the general increase of 25 per cent or the specific increase of 30 cents per ton to the rate on bog iron ore, according to the decision of the Canadian authorities. The Canadian Freight Association states that it is not prepared to take any action in the matter pending the disposition of it by the Board.



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"The writer understood at the hearing that the Board would issue the order prayed for, i.e., that bog iron ore be subjected to the rate increase on other iron ore, which is 30 cents per net ton unless the United States Railroad Administration had previously decided otherwise."

The understanding of the writer, as set out, that the rate was to be 30 cents per net ton, unless the United States Railroad Administration had previously decided otherwise, was not in strict accordance with the discussion which took place. By reference to the interim judgment, set out in an earlier connection, the matter stood until the Board was satisfied as to what had in fact been the arrangement adopted under the United States tariffs on the same article.

In reply to this the applicant's solicitors were advised under date of September 11, 1919, as follows:—

"Referring to your letter of the 27th August, I am directed to state that at the hearing of this matter on the 8th of July last it was pointed out by the Chief Commissioner that there was involved the question of tariff practice by the United States Railroad Administration, and the construction by that administration of the question whether bog iron ore was properly given the same rate as iron ores or whether it was properly placed under another rate; and it was pointed out that it would be necessary to obtain information on this point. The Board took the matter up with the United States rate authorities, but the information so far received is not conclusive. Representations are before the Board both from the railway and the applicant as to the position taken by the United States Railroad Administration in the matter. The representations so filed are contradictory; and the Board is endeavouring to obtain a final and definite statement as to the practice and construction. The matter will be dealt with as soon as this is received."

In reply to a letter to the Director of the Division of Traffic of the United States Railroad Administration, setting out the same material as was contained in the letter to the Secretary of the Interstate Commerce Commission, the Board was advised, under date of September 26, by Mr. Chambers, the Director of the Division of Traffic of the Railroad Administration, as follows:—

"I beg to advise that it was not our intent when issuing General Order 28 to apply the flat increase of 30 cents per ton to mineral products other than the ores commonly used by furnaces for making iron.

"We have never made any definite ruling on this subject and are without information as to how the rates on bog iron ore or bog ore were advanced, but believe it is described in most of the tariffs as bog ore and that the rates were advanced 25 per cent.

Under date of October 6, applicant's solicitors asked for a resume of the contentions of the Canadian Pacific as to the position taken by the United States Railroad Administration in the matter. This was supplied.

Supplementary matter was submitted by the applicant's solicitors under date of November 12, 1919.

As bearing on the definition of bog iron ore, a letter was submitted from the Acting Director of the United States Geological Survey, the material portion of which is as follows:—

"Bog ore is a form of brown iron ore, or hydrous iron oxide, and in the canvass of the Geological Survey for statistics of iron ore no attempt is made to secure data relating to bog ore except by the general class of brown ore.

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It is, therefore, not possible to state the extent of the mining and use of bog iron ore. However, if it is found sufficiently pure it is usable as a source of iron.

"You are probably aware that a porous variety of limonite (brown iron ore, including bog ore) is used in the purification of illuminating gas."

As to the use of bog iron ore in smelting, a letter was submitted from Penniman & Browne, Analytical and Consulting Chemists, Baltimore, which, after giving some information as to iron pyrites, sets out the following paragraph regarding bog iron ore:—

"Bog iron ore is the material used in charcoal furnaces on account of its freedom from objectionable impurities. In large operations, it is not used on account of the expense and difficulty in obtaining it in sufficient quantity and because it is too soft to stand the heavy burden of the modern large furnace using coke."

There were also submitted copies of various schedules of tariffs filed with the Interstate Commerce Commission, these being certified by the Secretary of the Interstate Commerce Commission, under the seal of said commission, to be true and correct extracts from the schedules.

In summary, these may be said to cover information as to five tariffs of the Louisville and Nashville, covering rates on brown ore on intrastate movements in Alabama. The originating points shown are Champion, Ida, Jenifer, Mountain Crook, Mount Pinson, and Fort Deposit; the destination points are Alabama City, Attalla, Birmingham, North Birmingham, and Thomas.

Extracts from the Southern Railway System mineral-ore tariffs are filed. The rates in question are both intrastate and interstate. The tariffs quote rates on iron ore, but I find no reference in the extracts as given to brown ore. Extracts from the tariffs of the Alabama Great Southern Railroad quoting rates on intrastate movements in Alabama are also filed. Here again, while rates on iron ore are given, I find no reference to brown ore.

There are also filed certain schedules which are signed by the Secretary of the Alabama Public Service Commission and certified under the seal of that commission as showing the C.L. rates in Alabama as specified in the exhibits. Rates on brown ore are shown between the same originating and destination points as are set out in connection with the Louisville and Nashville points above.

Details of the tariff authorities concerned not having been supplied to the Canadian Pacific Railway Company by the applicant's solicitors, request was made to the Board by the Canadian Pacific Railway Company to have these furnished. This was done, the Board under date of November 28, 1919, writing as follows:—

"I have yours of the 19th instant and have made a copy of the extracts from the tariffs certified by the secretary, Interstate Commerce Commission, and the secretary of the Alabama Public Service Commission, which I enclose herewith, and which give the tariff authorities for the statement that bog iron ore is being listed in the tariffs of the railroads operating in the district of the United States where bog iron ore is mined as brown ore."

Under date of January 9, 1920, the Canadian Pacific Railway Company replied as follows:—

"Referring to yours of the 31st ultimo,

"I have now had the tariffs which you sent me checked over. Where iron ore is mentioned, there is, of course, nothing further to be said with regard to

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the increase of 30 cents per ton, which, it is acknowledged, is the increase authorized on that commodity by the U.S.R.A. General Order No. 28.

"Wherever in these tariffs brown ore is mentioned, the increase is also 30 cents per ton, and the question is, therefore, whether this "brown ore" is the same as what we described as "bog iron ore" shipped from Point du Lac or Red Mill, Quebec, to Baltimore, Maryland. Our officials have enquired of the traffic officials of the Southern Railway at Birmingham, and are advised that the iron ore described as brown ore in these tariffs moving to Alabama, Tennessee and Kentucky smelting points is a smelting ore pure and simple and is not used for any other purpose, and the traffic officials of the Louisville and Nashville Railway state that no such commodity as bog ore is known in their territory. It is at the same time well known that bog iron ore from Point du Lac or Red Mill is shipped to various destinations in the United States, not for smelting purposes, but for purifying purposes, and in some cases both to United States points and to Canadian points for paint making purposes.

"As regards Mr. Mathewson's statement in paragraph 5 of his letter to you of the 12th November, that bog iron ore is used extensively for smelting purposes at Three Rivers among other places, our investigation shows that not one ton of Red Mill or Point du Lac ore is shipped to Three Rivers for smelting purposes, nor can we trace any such shipments having been made for years, our enquiries having gone back as far as twelve years ago.

"I wish to add that we have checked up shipments of crude bog iron ore moving to the United States points from January 1 to July 7 of this year, and find that, to the following points, earloads, as enumerated, have been shipped under the regular sixth class rates without our having received a complaint, which sixth class rates had been increased automatically 25 per cent under U.S.R.A. General Order No. 28:—

| To                             | No. of Cars. |
|--------------------------------|--------------|
| Philadelphia, Pa. . . . .      | 1            |
| Chester, Pa. . . . .           | 6            |
| Harbour Junction, R.I. . . . . | 3            |
| Westfield, Mass. . . . .       | 1            |
| Soo, Mich. . . . .             | 1            |
| Augusta, Me. . . . .           | 1            |
| Weber, Ill. . . . .            | 2            |
| DeKalb, Ill. . . . .           | 1            |
| Washington, D.C. . . . .       | 3            |
| Milwaukee, Wis. . . . .        | 1            |

During the same period ten cars had been shipped to Baltimore, Md.

"Furthermore, in order to stimulate shipments of bog ore to United States points for purifying purposes, we, in some cases, applied to our American connections to be allowed to adopt on this class of business 83.33 per cent of the sixth class rate, and this they consented to in the case of shipments to Baltimore and five other points. (See Item 265 C.P.R. Tariff E-3183, C.R.C. 3495, page 28). It is, therefore, quite obvious that in order to maintain the relationship the present rate should be 83.33 per cent of the present sixth class, which naturally and automatically was advanced the full 25 per cent according to General Order No. 28. If, at the present time, an application were made for a reduced rate for any reason whatever, our American connections would not consent to anything lower than 83.33 per cent of the present sixth class rate.

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"In conclusion, I would repeat that we cannot find any bog iron ore moving between points in the United States under commodity rates. If there is a movement between such points, it would be only under the proper class rates advanced 25 per cent.

"As I have already stated to the Board, the bog iron ore from Point du Lac and Red Mill is used for clarifying illuminating gas and may be used for paint-making purposes, and is not a smelting ore at all.

"I submit that this is really the controlling consideration, and that on this ground the complaint should be dismissed.

Summarizing the material which has been set out at length, the following conclusions are available:—

- (1) Apparently bog iron ore is not separately listed.
- (2) Scientific authorities regard brown ore as being an inclusive term covering bog iron ore and other iron ores not specified.
- (3) There is nothing before the Board showing conclusively that bog iron ore has actually moved under the brown ore rate.
- (4) Reference has been made to the bog iron ore as moving in the southern portions of the United States. The Southern Classification has no reference either to brown ore or to bog iron ore.
- (5) The informal understanding of the Secretary of the Interstate Commerce Commission, as already referred to, is that apparently the increase of 30 cents per ton was not dependent upon the uses of the ore.
- (6) On the other hand, the general opinion of the Traffic Director of the United States Railroad Administration is that it was not the intention to have the increase of 30 cents per ton apply on mineral products other than to ores commonly used by furnaces for making iron; and there is, further, an expression of understanding that the rates on bog ore were advanced 25 per cent.
- (7) The supplementary submissions of applicant's solicitors do not show that bog iron ore has moved or is moving in the United States on the brown ore rates.
- (8) As set out in the letter of the Canadian Pacific, the responsible traffic officials of the railroads concerned set out, in the one case, that the brown ore referred to is a smelting ore, pure and simple, and is not used for any other purpose (in this connection the statement of Penniman & Browne, already referred to, may be borne in mind); and, in the other case, that no such commodity as bog ore is known in their territory.

In accordance with the position set out in the interim judgment, a full endeavour has been made to ascertain the intention as embodied in tariffs. The Board has received much information which is so contradictory that it is not possible to form a conclusion as to what the real intention was. The obtaining of further written submissions would, apparently, only add to the mass of contradictory statements which has accumulated.

In a matter of international rates, the jurisdiction of the Board begins at the international boundary on the movement into Canada and ends there on the movement out of Canada. This is a well-established proposition.

*Continental, Prairie and Winnipeg Oil Cos., v. Canadian Pacific Ry. Co., et al,*  
13 *Can. Ry. Cas.*, 156, at p. 161.

*Essex Terminal Ry. Co. v. G.T., M.C., Wabash & New York Central Ry. Cos.,*  
22 *Can. Ry. Cas.*, 301, at p. 305.

At the same time, "as a matter of practice, the Board in the past has dealt with international joint tariffs having regard to the outward movement only, and, speaking generally, has not interfered in any way with any tariff properly filed under American

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practice applying to the joint movement into Canada. The result is that a situation which otherwise might have presented difficulties has worked out along satisfactory lines and without friction." *Essex Terminal Ry. Co., etc., ut supra, p. 304.*

The Interstate Commerce Commission in *I. & S. Docket No. 1155, Heated Car Service Regulations, 50 I.C.C., 620*, made reference in the examiner's report as to the United States jurisdiction terminating at the international boundary, and he so held in the matter involved. Reference may be made to *Black Horse Tobacco v. I.C.R. Co., 17 I.C.C. 588; Ernergy & Co. v. B. & M.R.R., 38 I.C.C., 636*. In dealing with the question of international rate practice, Commissioner Harlan, who wrote the judgment which was accepted by the commission, said at p. 622:—

"For some years joint through rates from Canadian points to interior domestic points have been regarded as being within the general control of the Canadian Commission, while joint rates from domestic points to interior Canadian points are left under the general control of this Commission. The origin and scope of this understanding between the two commissions is explained in "*International Paper Co. v. D. & H. Co., 33 I.C.C., 270*. It is also referred to in *Rates on High Explosives to G.T. Ry. System Stations, 33 I.C.C., 567*, and was followed in *Aetna Powder Co. v. Wabash R.R. Co., 39 I.C.C., 199*. It has proved to be an efficient working arrangement and will not be departed from by this commission on light grounds, although we have felt it necessary to point out that our jurisdiction extends to the service of our domestic lines performed within the United States and to the charges therefor, and that where circumstances seem to make such a course necessary we would require the domestic carrier to withdraw from participation in joint through rates to and from Canadian interior points and to establish a local or proportional rate to and from the border."

It will be noted that while in agreeing in the practice, the Interstate Commerce Commission in no way recedes from the position that as a matter of jurisdiction its power to regulate the United States' portion of the rate is absolute; and it has, in fact, from time to time so acted notwithstanding the informal *modus vivendi* above referred to.

The distance from Red Mill, where the shipment originates, to Baltimore is 651 miles. The movement is over the Canadian Pacific and three American lines—the N.Y.C., P. & R., and B. & C. The haul on the Canadian Pacific is 34.5 per cent of the total mileage involved.

The jurisdiction of the Interstate Commerce Commission over the haul within the United States is undoubted. What is involved is the determination of the meaning and application of a United States tariff basis, which, as a matter of reciprocity, has been made applicable on the movement from Canada to the United States. The preponderance of United States mileage is such, on the movement in question, that the United States railways interested in two-thirds of the mileage movement are concerned in the question of what is the proper scope and intent of the tariff basis concerned.

I am of the opinion that the applicants should be referred to the United States jurisdiction for their appropriate finding and remedy within that jurisdiction. Thereafter, the matter as affecting the Canadian Pacific, may, if any further action by way of finding any remedy is necessary, be developed before this Board on written submissions. If such further application should be made, the submissions, if any, so made, will be considered in connection with the existing record.

CANADIAN MANUFACTURERS' ASSOCIATION RE AVERAGE DEMURRAGE AS EXTENSION TO CANADIAN  
CAR SERVICE RULES

*Judgment of Assistant Chief Commissioner McLean, dated January 26, 1920. Con-  
curred in by Chief Commissioner Carrell, and Commissioners Boyce, Goodeve  
and Rutherford. 25, Can. Ry. Cas., 386.*

I

Application is made for average demurrage. More specifically it is set out that the demurrage on all cars held for loading or unloading shall be computed on the basis of the average time of detention to all cars released during each calendar month. The method of computation outlined is that a credit of one day shall be allowed for each car released within the first twenty-four hours of free time. A debit of one day shall be charged for each twenty-four hours, or fraction thereof, that a car is detained beyond the first forty-eight hours of free time. Not more than one day's credit is to be allowed on any one car, and in no case is more than five days' credit to be applied in cancellation of debits accruing on any one car, thus making a maximum of seven days, including Sundays and holidays, that any car may be held free.

At the end of the calendar month, the total number of days credited will be deducted from the total number of days debited, and the demurrage charge per day charged on the remainder. If the credits equal or exceed the debits, no charge is to be made for the detention of the cars, and no payment is to be made to the consignor or consignee in respect of such excess of credits. Credits in excess of debits of any one month are not to be considered in computing the average detention for another month.

Those taking advantage of the average plan are to forego the advantages of the weather and of the bunching rules.

A consignor or consignee taking advantage of the average plan may be required to give sufficient security to the carrier for the payment of balances due by him at the end of each month.

The question was also gone into in connection with the amendment of the Canadian Car Demurrage Rules which was made on July 28, 1917, effective by order on August 20, 1917. In the decision in that case, reference was made to the various submissions bearing upon average demurrage, and it was stated in the judgment that the Board would endeavour to ascertain whether average demurrage had worked a real benefit in places where it had been tried, it being at the same time stated that from the best information had at the previous hearings the contrary was the case.

*In re Car Demurrage Rules, 24 Can. Ry. Cas., 180, at p. 196*

Under date of June 16, 1919, on direction, a letter was issued by the Board setting out that in view of the many changes which have taken place in railway matters since the judgment on the Demurrage Rules, as above referred to, had issued, the Board was prepared to arrange for a hearing, or hearings, if the parties interested desired to add to the record in the case.

The material received was concerned mostly with opinions on the principle involved, and, in general, the opinion was expressed that the matter might stand for decision on what had been submitted. In general, it does not appear that there is such additional material evidence available in regard to the workings of the system as would justify a further hearing.

The matter as presented may be subdivided into the following headings:—

(a) Whether when the consignor or consignee unloads within the free time allowed by the Demurrage Rules, he has a *right* to apply the difference between the

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free time allowed and the time actually taken as a credit on another car which is not loaded or unloaded within the free time.

(b) The advantage of such proposed system of credits as an incentive to quicker loading or unloading.

(c) The general effect on car movements.

## II

As bearing on the question of *right*, which matter, it appears to me is fundamental, some detail references to the notes of hearing are necessary; and it may be pointed out in this connection that reference is also made to earlier applications of the Canadian Retail Coal Association of London, Ont., and the Wallaceburg Sugar Company.

In the Wallaceburg Sugar Company's Case, application was made as regards a particular commodity; in the case of the Canadian Retail Coal Association, the application was also as to particular commodities, coal and coke.

The application of the Wallaceburg Sugar Company was not limited by the use of the adjective "optional." The application of the Canadian Retail Coal Association was. So is the present application as developed; but it does not appear that the adjective "optional" makes any vital difference.

In the application of the Canadian Retail Coal Association, Mr. Hay stated, at p. 2922, volume 124;—

" . . . when they allow us 72 hours for unloading a car of coal they must of necessity in order to arrive at a proper business basis have figured on the detention of that car. That, I think, is a reasonable and fair proposition. Now then, when that car is placed on our siding we have 72 hours to unload it. We will probably unload the car within the first 24 hours. . . . Inasmuch as we have already paid the railway company for the detention of that car for two days they have not given us any allowance for that dollar we have been fined on the other car" (that is the car held over the 72-hour period), "and that should stand over against the time that is to our credit."

In the same case, at p. 2959, Mr. Hay said: "We were applying for a principle we thing fair and that should be carried out."

At the hearing in Ottawa, the following discussion took place as bearing on the point in question, volume 179, pp. 4576-4578:—

"Commissioner McLEAN: Is it your position, Mr. Walsh, that a shipper has a right to hold a car for the free time?"

"Mr. WALSH: Absolutely not. I have not held that opinion."

"Commissioner McLEAN: Then your position would be that it is the reasonable maximum time allowed for unloading?"

"Mr. WALSH: I have always held this position. I have advocated it in our paper and through circulars to our members, that 48 hours or 72 hours was the maximum time allowed, but it was not expected they should take that time to unload equipment. When they do that they are depriving themselves of a proper facility, and they are depriving somebody else. But we think it is a reasonable time to allow in case of emergency or of accident. I think it would be fair to say this, that the people I represent are not laying themselves out to delay cars or to take advantage of the free time; their purpose is to unload as quickly as they can and get the cars to load up again. As I say, and I want to repeat, our people realize that. Our manufacturers hold that cars are for the purpose of transporting freight from one point to another, that they are not for storage purposes, and we try to the best of our ability to unload as rapidly as possible. But we have got to have the conditions. they must be favourable.

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"Commissioner McLEAN: Following that, if the free time simply represents the maximum reasonable time for unloading, is it quite fair to say that because a man unloads within that time that the portion of the time unused should be applied to another car? That looks at it as a matter of right. He has a right to so much time within the two days. If he is able to unload a car, and have, say, one-half or three-quarters of the day unused, what has that got to do with another car?"

"Mr. WALSH: Simply because another car cannot be got at.

"Commissioner McLEAN: But if you say two days is a reasonable time for unloading does it not mean that each car should stand by itself?"

"Mr. WALSH: If it could be worked out theoretically perfectly.

"Commissioner McLEAN: Leaving aside theory, is not that your position? I just want to understand your position.

"Mr. WALSH: Possibly that is correct.

"Commissioner McLEAN: I just want to see what your position leads to.

"Mr. WALSH: Yes, but that is not possible.

"Commissioner McLEAN: But either the two days is a right or it is not. If he does not use the two days on one car, he has a right to the unused portion to apply on another car. Either it is that or it is a reasonable maximum time for unloading, and whatever he unloads within that time it stops at that. It is either one position or the other.

"Mr. WALSH: Certainly, if the conditions are ideal. We had a good illustration of it yesterday in connection with the movement of cars.

"Commissioner McLEAN: We have to take one horn of the dilemma. It is either a right or a reasonable maximum. If it is a reasonable maximum it applies on the one car. I may be wrong, but it seems to me that that is a fair conclusion from the discussion.

"Mr. WALSH: That is all."

In supplementary summary and comment in his letter dated October 18, 1913, Mr. Walsh took, in substance, the position that the two days free time referred to had become a *right by usage*. The following extract from his letter is material:—

"At page 4577 Commissioner McLean asked whether the two days' free time allowed was a right or not. It is a right in the sense that common usage has made it so. It has been well established that a receiver of freight is entitled to notice of its arrival and to a reasonable time within which to remove it. It is the same right as he has in respect to less than carload shipments on which he is given 72 to 96 hours, and if the freight moves through the freight sheds the carrier has to provide storage and is liable under the bill of lading conditions as carrier for that length of time.

"As regards carload freight, the carrier does not have to provide such facilities. All that is required to do is to place the car for unloading. The bill of lading conditions determine the liability of the carrier and the length of free time within which the receiver has to remove the goods.

"This point was seized upon by the representatives of the railways and dealt with at some length both by Mr. Beatty and Mr. Biggar at pages 4583 and following and 4605, 4606, and 4607. Both of these gentlemen took the position that the 48 hours, as suggested, was not a right and, therefore, the public was not entitled to it. The Board is familiar with the origin of the rule and it is, therefore, unnecessary for us to enlarge further on the subject except to point out that the records of the Canadian Car Service Bureau show that the public does not as a rule take 48 hours to unload, neither has it ever been contended that cars should be held for that length of time. It is, however, our



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contention, that we have the right in case of necessity to that length of time. We respectfully suggest to the Board that in dealing with this question actual conditions must be taken into consideration. Mr. Biggar dealt entirely with conditions in Great Britain. These are not applicable here. The nature and volume of traffic are entirely different."

The same position is adopted in the correspondence on the Board's files, including the correspondence received in reply to the circular letter of June 16, 1919, already referred to.

The Dominion Sugar Company, in a letter dated January 17, 1916, says that in checking up all cars into their yards the average time for unloading is less than 24 hours, or less than one-half of the free time; and it was submitted that the Company felt that "as though it would be an injustice to ourselves to have each individual car charged for demurrage in view of the fact that hundreds of cars are unloaded within even 12 hours time."

The Canada Crushed Stone Corporation, Limited, made the following query: "If the shipper can save the railway money by the quick loading of cars, why should he not be credited to offset the loss when the railway cannot supply cars promptly?"

The T. H. Taylor Company, Limited, stated they thought it was only fair that the shipper should be allowed something for cars which were unloaded within the free time allowed.

The Algoma Steel Corporation, Limited, stated that it had been paying several thousands of dollars annually for demurrage, and it seemed to said corporation that it should be credited for cars which it returned promptly, that is, before the free time was up.

The Steel Company of Canada, Limited, pointed out that it unloaded a large portion of its cars within the free time. It took the position that it was unfair it should be penalized at a heavy rate for cars taken in excess of the free time when it had "earned money for the railways on so much of their traffic." It expressed the opinion that if the penalty was a fair one for the use of the car, the railway should be willing to grant a credit to the consignee who gives up cars to them in less than the free time.

Without multiplying the citations, the position is, in substance, that the free time for loading or unloading exists as a matter of *right*, and that whatever is done by the consignor or consignee in regard to loading or unloading within the free time is in derogation from his strict rights and is something for which he should receive a credit.

The great majority of cars are, under the existing Demurrage Rules, loaded or unloaded within the free time, there being no incentive such as is argued for to induce extra expedition in loading or unloading, so as to obtain credits thereby. It follows that the loading or unloading within the free time is carried out not with any idea of benefitting the railway, but because the business conditions of the consignor and consignee concerned make it a good business policy to do so.

In analyzing the question of the *right* which it is contended exists, reference may be made to some decisions of the Board. In dealing with the application of the Wallaceburg Sugar Company for average demurrage, which was heard in 1909, the Board used the following language:—

"The 'average system' suggested, in my opinion, is not justifiable under the contractual relations which exists between the consignor or consignee (as the case may be) and the railway company. The contract of carriage is, that the railway company will carry the goods to the point where they are to be unloaded to the consignee, who in turn is to unload and release the car with all reasonable despatch. For more certainty and uniformity of practice, rules

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have been adopted which say in effect that 'reasonable despatch' for unloading shall not, in the case under consideration, exceed 48 hours. If a man exceeds this reasonable time in unloading, he is penalized by a charge of \$1 per day for the extra time he may hold the car. Such a provision is in the public interest, because it makes a consignee prompt in releasing cars consigned to him, and thus increases the supply of available cars for the shipping public."

"The intention is that, under the Car Service Rules, each car shall be dealt with by itself and without reference to the movement of other cars. This insures equal treatment of the smaller shipper or consignee with the larger one."

*Wallaceburg Sugar Co. v. Canadian Car Service Bureau, 8 Can. Ry. Cas., 332.*

At a later date, in dealing with an application of the Canadian Car Service Bureau, the Board used the following language:—

"Car Service Rules constitute a code dealing with the question of average reasonable time for delivery, delays to cars, and penalties for such delays."

*Application Canadian Car Service Bureau, for ruling as to apparent conflict in conditions of Bill of Lading and Car Service Rules. File 3678. Board's Orders and Judgments, December 1, 1916, 385, at p. 387.*

In the matter of the complaint of the *Wood Coal Company of Brantford, Ont., file 1700, part 2*, and the complaint of the *Barber-Ellis Limited, Brantford, Ont., file 1700.56*, the question of the construction of rule 2 of the then existing Car Service Rules was involved. Under this rule, 24 hours additional free time was allowed for clearance of customs. This was in addition to the 48 hours free time. It was contended in substance, that the whole period of 72 hours was available for the clearance of customs and for unloading. It was held that the clearance of customs must be effected before the car was in a position to be unloaded, and that the time allowed for clearance of customs as compared with the time allowed for unloading must, therefore, be prior; that is to say, the time allowed for clearance of customs stands first on the list, and under the rule the 48 hours for unloading runs from the termination of the time allowed for clearance of customs.

The question of *right* herein involved has been dealt with from time to time in English decisions.

The Lancashire and Yorkshire Railway Company having proposed that on and from the first day of March, 1895, it would levy a charge of sixpence per wagon per day under the title of siding rent, upon all wagons containing coal or coke, and remaining undischarged upon sidings belonging to the railway company for a longer period than four clear days, the matter came before the Railway and Canal Traffic Commission in *Manchester and Northern Counties Federation of Coal Traders' Association, v. Lancashire and Yorkshire Ry. Co., 10 Ry. and Can. Traf. Cas., 127*. The following references to what is set out in the decision are pertinent:—

"The carrier's obligation is to deliver the wagons within a reasonable time."

*Ibid, per Collins, J., p. 133.*

*Carrier's obligations:* "All that he undertakes and all he receives consideration for is the carrier's duty, which ends after he has delivered the goods—that is, has put the goods in a position where the trader can take delivery, given him notice of the fact, and left them there for a reasonable time, such as would enable the trader, with ordinary appliances, to get his goods out of the wagon."

*Ibid, pp. 133, 134.*

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*“Termination of Carrier’s liability.*—It clearly determined when a reasonable time had elapsed—a time within which, on the principles I have laid down, the trader, acting reasonably, might have taken the coals out of that wagon; and that reasonableness, I think, must be determined, not by reference to the after-use which it would have been convenient for the trader to put that wagon to after the coals had arrived, and he had the opportunity of taking delivery, but with reference to the fact that the carrier’s obligation as an insurer remained up to the expiration of that reasonable time.”

*Ibid*, p. 134.

The point was raised that the railway must be deemed to have conceded the right to the traders to use these wagons as shops during the four days—that is, during the four days they admit to be covered by the rate.

Collins, J., said:—

“I regard this as trying to fix an extreme limit up to which they are content to bear the obligation of carriers, and to deem it as covered by the rate—and they make it an extreme limit in order to meet the exigencies of the consignee.” *Ibid*. pp. 137, 138.

In *Midland Railway Company vs. Black and others. 10 Ry & Can. Traf. Cas.*, 145, the question of average was dealt with by Wright, J., at pp. 148 and 149, as follows:—

“Then Mr. Chitty, on this part of the case as to the charge, raised a point which is of great importance, and, *prima facie*, one which has a great deal in it. He said it cannot be reasonable to pay the company 6d. beyond the four days in cases in which, as in the majority of cases, the bulk of the traffic is unloaded by the traders within four days; so that the company getting the benefit of the accommodation saved by that expedition on the part of the traders as regards something like 90 to 95 per cent of the traffic, it cannot be fair that the company should have that advantage, and also be paid for what happens after the four days, but I do not think such a matter of setoff as that is is competent for us to consider. The trader has no right to the four days. It is not as if he waived anything by unloading within the four days. The trader is bound to discharge in a reasonable time. If it is reasonable for him to discharge in two or three days and he does so, it is no more than his duty and, as Sir Frederick Peel pointed out, after the four days, supposing the four days is the right time, the character of the company is a new and altogether different one. He is now a warehouseman; and how can the amount which he is entitled to charge for warehousing these trucks (warehousing is hardly the right word for it but it conveys what I mean) be affected by the circumstances that he has not been put to all the expense as a carrier or as a conveyer of the traffic to which he might have been subjected?”

The principle of average demurrage was before the Railway and Canal Traffic Association in *North British Ry. Co. v. Coltness Iron Co., Ltd., et al., Caledonian Ry. Co., Coltness Iron Co., Ltd., et al., Glasgow & Southwestern Ry. Co. v. William Reid & Co., Ltd., et al.*, 14 *Railway & Canal Traffic Cases*, 246.

The matter involved came before the Railway and Canal Traffic Commission as arbitrators appointed by the Board of Trade to determine certain differences between them and the defendant in respect of certain charges which applicants claimed to be entitled to under section 5 (4) of the schedule to their several Rates and Charges Order Acts, 1892, on the ground that the defendants had detained wagons belonging to the applicants for an unreasonable length of time.

It was contended for the defendants that the true view was that if a railway company gets wagons released it does not matter whether they are sent out in order of arrival or otherwise. The decision in this case was given by Lord MacKenzie. It was set out that under section 5, subsection 4, of the schedules of the Act of 1892, the consignor or consignee must have a reasonable time to put traffic in or take traffic out. It was stated that—

“A full margin must be allowed to cover the reasonable maximum time to enable the consignor or consignee to give or take delivery.” (P. 262.)  
In dealing with the question of average, the following language was used:—

“It is necessary to refer to an argument used by counsel for the traders in support of what has been called the average principle. This consists in crediting to the trader whatever free time is saved. If over the whole period of a week, or a month as the case may be, it is ascertained that the total free time has not been exceeded by the total number of wagons, then, according to this contention, no demurrage is due. This principle, to my mind, is founded upon a fallacy. A trader is not entitled to keep a wagon for the whole of the free time. His duty is to discharge with all reasonable despatch. If he does this, he does no more than his duty, and is not entitled to credit for the remainder of the free time. This is pointed out in the *Midland Railway v. Black*, by Wright, J.; see also the statement of Collins, J., in *Midland Railway Company v. Sills*. Nor do I think it admissible that the free time allowed both before and after conveyance should be added together, and if the total period is not exceeded that then no demurrage should be due.” (pp. 264, 265.)

The obligation of the carrier under the contract of carriage covers not only transit but also a reasonable time for loading and unloading. Just as the carrier is entitled to a reasonable time in which to deliver, so the recipient of goods is entitled to a reasonable time to demand and receive delivery.

*Chapman v. Great Western Ry. Co. Q.B.D., (1879-80) per Cockburn, J., 281.*

“At the same time, the consignee cannot for his own convenience, or by his own prolong the heavier liability of the carrier beyond a reasonable time. When once the consignee has delayed taking away his goods beyond a reasonable time, the obligation of the carrier becomes that of an ordinary bailee, being confined to taking proper care of the goods as a warehouseman; he ceases to be liable in case of accident.” *Ibid.* pp. 281, 282.

Under the Bill of Lading, section 6, it is provided:—

“Goods not removed by the party entitled to receive them within 48 hours (exclusive of legal holidays), or in the case of bonded goods within 72 hours (exclusive of legal holidays), after written notice has been sent or given, may be kept in car, station or place of delivery or warehouse of the carrier, subject to a reasonable charge for storage, and to the carrier’s responsibility as a warehouseman only. . . .”

The situation which arises in respect of liability may be referred to. If in the case of two cars, each of which has 48 hours’ free time, car number one is unloaded in 24 hours while car number two is unloaded in 72 hours, then under the average principle the imputation of 24 hours’ credit to number two enables it to be unloaded without any demurrage penalty; but while from the standpoint of the Demurrage Rules the second car is treated as unloaded in a constructive period of 48 hours, the situation is that it has taken 72 hours’ actual time. Under section 6 of the bill of lading, the carrier would be liable as a warehouseman only after the 48-hour period.

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The proposal to apply a credit to the car detained 72 hours is based on the idea that the 48 hours' free time is a necessary incident of the contract of carriage and that during this period the contract of carriage, with the carrier's liability attaching thereto, continues. But in order to make the credit system applicable the contract of carriage on the car in question must have been completed. The transfer of the credit in effect means the transfer from a commodity which has moved under a contract of carriage with the incidents attaching thereto (and after the contract of carriage has terminated) to another commodity where the contract of carriage has terminated; that is to say, an attempt is made to counter-balance the contract of carriage as a carrier with the contract as a warehouseman.

Dealing with the question as a matter of *right*, the consignor or consignee has a right to such portion of the free time as is actually necessary, with due diligence, to effect the loading or unloading. If he loads or unloads the car within the free time, that is a closed transaction and there is no credit to impute to a car which takes longer than the free time. The free time allowed is a maximum reasonable average. The Board has in various instances, when application has been made to it for extension of the free time on account of the alleged necessity of the consignor or consignee having extra time because of length of road haul or other conditions peculiarly affecting the situation of the consignor or consignee being involved, declined to add to the free time.

## III

While it appears that there is no such basis of *right* as is contended for, and while this might properly be taken as closing the matter, it seems proper to consider further the question of whether there are any such conditions in respect of betterment of handling of cars involved as would justify a departure from the principle, which, in my opinion, is a well-established one; that is to say, would practical operating conditions justify the abrogation of the principle?

It is argued that the average demurrage method affords an incentive to a quicker handling of the cars, and that this enures to the advantage of the carrier.

From letters from Mr. Lincoln, Manager of the Traffic Bureau of the Merchants' Association of New York city, which are filed by Mr. Walsh, said letters being dated May 28 and June 9, 1913, the following excerpts are taken:—

"The average agreement, by offering certain incentives to the receivers of freight, and particularly the large receivers, results in the more prompt release of equipment, that credits may be obtained to offset debits where demurrage accrues beyond the control of the receiver. . . ."

"As to the shipper or receiver, I am confident that an opportunity to earn credits for the purpose of offsetting debits is a constant incentive to the shipper to unload his car within 24 hours."

"The Algoma Steel Corporation contends:—

"Transportation companies benefit by this plan in that they secure the return of equipment promptly, as industries find it an incentive to load and unload and send back the cars as quickly as possible."

In the evidence of Mr. Hay, already referred to, it was set out at p. 2930, volume 124, that the consignee should, by extension of the credit, be given an incentive to unloading the cars; that this would help the release of cars.

In the evidence given by Mr. Dunn, of the International Harvester Company of Canada, it was contended at p. 4553, volume 179, that it would enable a more economical utilization of labour on the part of the company. It was set out that unloading gangs working on piece-work were used, and that if the unloading of cars were not limited by the date of receipt this would permit a continuous use of the unloading gangs.

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This is, in effect, an argument that the average system should be used to offset the labour costs of the industry.

Similar evidence was given by Mr. Champ, of the Steel Company of Canada, at p. 4537, volume 179, to the effect that great effort was lost in locating and unloading cars in order of date.

In a submission made by the Canadian Manufacturers' Association subsequent to the circular letter already referred to, it was stated:—

“It is our view and that of a number of manufacturers vitally interested in the question, that the addition of the average agreement in Canada would assist materially in the prompt handling of cars.”

The Chairman of the Brantford Branch of the Canadian Manufacturers' Association stated that he considered that the theory of average demurrage was correct, as “it gives the manufacturer an opportunity of making a bonus for exceptional service to offset the penalties when delays occur.”

The Peterborough Board of Trade, per the Secretary of its Transportation Committee, used similar language. It said:—

“We agree with the manufacturers that this average agreement appeals to us as being a fair and reasonable way of dealing between the commercial interests and the railways, and that carriers must recognize the fact that to deliver them their rolling stock in less than the free time allowed must represent some compensation for which they should be willing to give reasonable consideration.”

The same position was taken by the Canadian General Electric Company of Peterborough, which considers that the average arrangement would bring about a more economical use of rolling stock, as it carried a compensation for releasing cars within the free time allowed.

The same position is to be found in a submission from the Canada Foundry Company, Limited. Mr. Dunn, in his evidence already referred to, expressed the opinion that the average system would permit releasing of two cars where one was now released.

The references to the evidence above set out show that the idea of an incentive to quicker handling of cars as a result of the credits asked for, predicates the existence of the *right* already referred to, and the comments already made are applicable in this connection.

#### IV

In addition to what has already been set out, various other advantages are claimed for the system, as follows:—

(a) It will remove the friction arising over the operation of the weather and bunching rules.

(b) It is justified by United States practice and experience.

(c) It is considered as being differentiated from what was dealt with in the *Wallaceburg Sugar Case* in that there is proposed a limitation of credits.

The system is one which enures to the advantage of the large shipper. As bearing on this, various comments from the hearing which took place at Toronto on December 13, 1916, may be referred to. The reference is to volume 259 of the evidence.

At p. 8445, the Chief Commissioner said: “The average demurrage does help out the big shipper.” A discussion took place between Mr. Green, representing the Steel Company of Canada, and the Chief Commissioner, and at p. 8515 the following comment was made by the Chief Commissioner:—

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“As far as the average question is concerned, no doubt it is a good thing for the large plant, because it enables them to keep the cars without paying demurrage.”

And on p. 8516, the following discussion took place:—

“MR. GREEN: The point I was trying to make out was that the railroads admitted at that time that they got just as many cars released—in other words, it was a 50-50 proposition.

“THE CHIEF COMMISSIONER: They get no more and no less, but you wouldn't have to pay demurrage, and the small man who couldn't work an average would have to.”

A further comment of the ex-Chief Commissioner, “Average demurrage does not help the smaller dealer, and he in turn objects to average demurrage...” may be referred to.

*In re Car Demurrage, Rules. XXIV Can. Ry. Cas. 180, at p. 195*

It is not claimed by the shippers to be of general applicability.

In a letter submitted by the Canadian General Electric Company, Limited, Peterborough, the following language occurs:—

“There doubtless are several lines of business where the adoption of such a scheme would work out to the advantage of both the public and the transportation company.”

Mr. Champ, in his evidence already referred to, says that the existing arrangement is “very unfair to the large shipper.”

The following extract from the evidence, volume 274, p. 4794, is pertinent in this connection:—

“THE CHIEF COMMISSIONER: Mr. Dunn, how many cars a month would a man have to handle before this was of the slightest practical use to him?”

“MR. DUNN: I cannot conceive that it is of much service to the man who has not from 10 to 20 cars a month; he may gather up 10 to 20 days under the best conditions.”

“THE CHIEF COMMISSIONER: I only want the fact as you saw it. Your own idea it is not of much use to any one who does not have a business of 20 cars per month. Isn't it really a large-plant facility?”

“MR. DUNN: Well, Mr. Chairman—

“THE CHIEF COMMISSIONER: But it is a large-plant facility, is it not?”

“MR. DUNN: I think so.

What has been so earnestly urged is, in reality, a plea for the large shipper. It means, in substance, that the large shipper who, because of his control of capital is able to have superior facilities, is, through a rearrangement of the Demurrage Rules, to obtain therefrom a still further advantage. For example, a coal dealer who has no coal trestle may have to take the full free time allowed, and, in individual cases, may have to exceed it. The coal dealer who has a coal trestle has superior facilities for handling coal. This is some thing which attaches to the scope of his business and the amount of capital he is able to control; and with the equalizing of conditions in this respect it is not the function of the Board to interfere. But, if the large dealer, on account of his superior facilities, is able to unload quickly and to obtain credits therefrom, the result of the system asked for would, in all probability, be to relieve him entirely from demurrage payments, payments which the less favourably situated dealer might be subjected to; and it might be that

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these dealers were competitors in a common area. It would be improper for the Board to attempt to take away from the larger dealer the advantages in point of facilities which his larger volume of business justified and which his greater control of capital permits; but, in dealing with the question of Demurrage Rules, it would be equally improper for the Board to leave out of consideration the effect which might be exercised through this proposed system in weighting the scales against the smaller dealer.

The suggestion that since the arrangement is optional the smaller dealer does not need to use it unless he desires, does not meet the question.

The further suggestion that the matter might be equalized by extending the time so as to take care of the smaller dealer, is to ask that the Board should equalize conditions by discriminating in favour of the smaller dealer. To state such a proposition is to attract attention to the fact that such a condition would not long endure before complaints were received.

In regulative policy in regard to rates, the practice on the North American continent is that the only quantities in railway carriage which it is justifiable to consider are carload quantities and less than carload quantities, and that it is not justifiable for a regulative tribunal to direct or countenance rates predicated upon the handling of trainload quantities. The car of coal to the large dealer must be treated in the same way as the car of coal to the smaller dealer.

The adoption of the system might, and probably would, enable large businesses to carry on their activities without the payment of any demurrage penalties whatever. This, however, is incidental, not fundamental. The fundamental question is, would the system bring about such an expedited releasing of cars as would by adding to the numbers of cars free at a given moment, facilitate the handling of traffic in general, thereby ensuring to the advantage of the general shipping and receiving public?

Consider the situation that may arise during the car shortage. Box cars loaded with lumber are moved into a manufacturing plant which is operating under the average system. The cars are given, let it be assumed, the expedited unloading which it is claimed for the average system. The plant, at the same time, has been experiencing the car shortage on outbound movements. The result will be that the cars so unloaded can be held by the plant, through the instrumentality of its credits, as a store of empty cars to meet its needs. The result of this as affecting other industries on the average system which have lesser credits and especially those operating without the average system is readily apparent.

On careful consideration of the evidence adduced and the especial references made to practice in the United States, I am of opinion that the average system is discriminatory in principle, and that it has not been affirmatively established that it will so work out as to increase the car supply available at any given time.

#### GRAND TRUNK RAILWAY RATES BETWEEN OSWEGO, U.S.A., AND BELLEVILLE, ONTARIO

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This was an application from Mr. E. Guss Porter, K.C., M.P., contained in a letter addressed to the Board dated September 18, 1918, which, in substance, asks for the re-establishment of a trans-lake trade route between the ports of Oswego, N.Y., and Belleville, Ont., a distance of approximately 80 miles, with special reference, as it is claimed by applicants, to facilitating, expediting and cheapening coal shipments from the source of supply of hard coal in the United States to the district tributary to Belleville, and avoiding, it is alleged, the congestion in bringing this important traffic via Buffalo.



## SESSIONAL PAPER No. 20c

At the hearing the applicant was unable, with clearness, to establish the merits of the application as to rate, the evidence lacking the figures to show the rate from mine to Oswego, the cost of handling at Oswego, transshipment via lake to Belleville, and the cost of handling and loading there, and subsequently to the hearing the memo., was filed with the Board, under date of October 14, 1919, as supporting and amplifying the applicant's case. The matter was subsequently referred to the Board's Chief Traffic Officer, who made an exhaustive report, under date November 8, 1919, which report was adopted and incorporated as the basis of the Board's judgment.

The facts are fully set out in the judgment of Mr. Commissioner Boyce, dated February 12, 1920, concurred in by Chief Commissioner Carvell and Assistant Chief Commissioner McLean. Held that no case had been made out which would justify the granting of relief in any of the forms sought for.

REMOVAL CANADIAN PACIFIC RAILWAY COMPANY'S LINES ON OR NEAR RUE MESSIER, CITY  
OF ST. BONIFACE, MAN.

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This was an application of the city of St. Boniface, province of Manitoba, to the Board for an order directing and ordering the Canadian Pacific Railway Company to remove immediately any and all lines of railway improperly, illegally, and without due and lawful authority laid by the Canadian Pacific Railway Company, or any person or corporation on its behalf, on or near Rue Messier, in the city of St. Boniface, either on the property of the railway or on the property of the city or any other person or corporation.

In the application as launched, request was made that the Canadian Pacific Railway Company be directed to remove such tracks as have been laid by it without lawful authority on or near Rue Messier, in the city of St. Boniface, Man. At the hearing, counsel for the city withdrew this portion of the application, recognizing that at the point in question no right of crossing existed.

The application, it appeared, was one which was primarily concerned with the affording of access to the plant of the Western Wheel Foundry Company. It was testified on behalf of this company that the general industrial situation had been carefully canvassed by it in regard to locations, and that the location which it now possesses adjacent to the point where the crossing is asked for, was chosen only after careful balancing up of the industrial advantages of different sites.

The Canadian Pacific Railway Company at the hearing objected strongly to the crossing being granted, and in this connection pointed out the heavy travel which existed over the tracks across the point where the proposed crossing would be located. One of these is the main line to St. Paul and Minneapolis, and another is the main lead which runs down to serve many industries as well as the stock yards.

The Canadian Pacific Railway Company proposed a diversion of Rue Messier to a point approximately 330 feet north, and then running west across the tracks to connect with Archibald street. Rue Plinquet is 1,200 feet from the proposed crossing on Rue Messier. The diversion, as proposed, would bring the crossing within 850 feet of Rue Plinquet.

The facts are fully set out in the judgment of Assistant Chief Commissioner McLean, dated February 13, 1920, concurred in by Chief Commissioner Carvell, and Mr. Commissioner Rutherford. 26, Can. Ry. Cas., 45.

Held that the crossing was necessary. Held further, that in various cases, where a highway had been opened up across the tracks of the railway and the question of protection is one which it had not been necessary to deal with at the outset, no pronouncement had been made in the order for the division of cost, thus leaving it

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open to the Board, at a later date, to consider the matter from the standpoint of the respective volumes of traffic on the highway and on the railway, and to deal with the matter accordingly. That a different situation existed where it was recognized that features of danger would attach to the crossing from its inception. Held further, that an order in the present case should go, subject to the municipality bearing the full burden of cost of such protection, as might from time to time be found necessary, and that for the present, protection by a watchman between the hours of 7.30 a.m., and 5 p.m. should be provided for, at the expense of the municipality. Held further, that the order should also provide for the rearrangement, at the expense of the Foundry Company, of the switch and tracks referred to.

SASKATCHEWAN SUPPLY AND FUEL CO., SASKATOON, SASK., RE FREE TIME ALLOWED FOR ORDERING AND PAYING FREIGHT CHARGES

*Judgment of Assistant Chief Commissioner, dated February 16, 1920, concurred in by Chief Commissioner Carvell.*

Applicant has a private siding on the Canadian National Railway track on which its sheds are located, these sheds being divided into some sixteen different bins. It has also the use of trackage on the John Deere Company's spur—a Canadian Pacific spur. This spur, while built under agreement for the John Deere Company, has had another spur built off it, and there is another application pending for a further extension. While the applicant does not own this spur or any portion thereof, or contribute to its upkeep, it has in this facility in practice the advantage of a private spur.

In a communication received since the hearing from the solicitor of the Canadian Pacific, the following statement occurs concerning the position taken by Mr. Strickland, a member of the applicant company:—

“Mr. Strickland authorized our superintendent, Mr. McKay, to say that his company did not desire to attach any significance to the fact that they are not in one sense served by an exclusive private spur. They admitted that they are treated identically as if they had an exclusive private spur, and desire that it be so considered.”

The applicant has adjacent to the Canadian Pacific spur in question fourteen different coal bunkers or open bins. The following submission is made:—

“Our cars may either be required at one of our bins on the Canadian National track or one of our open bins on the Canadian Pacific track, or it may be required to be spotted on either track to be unloaded by teams, and the disposition of the car depends, first, upon the kind of coal contained in the car, and secondly, upon whether the railroad has one car for us on that particular day or a number of cars, in which latter case some are required at the bins and the balance spotted for unloading by teams. Under these circumstances, our position is entirely different from the position of the owner of a private siding who has a warehouse or building of some kind at which all his cars are to be spotted, and it is next to impossible for us to give placing instructions immediately we are notified as to the arrival of the car.”

Complaint is made that the Secretary of the Canadian Freight Association, Western Lines, has given a ruling that since the applicant's cars are spotted on a private siding no time allowance for either ordering the car or paying the freight charges is allowed.

## SESSIONAL PAPER No. 20c

Dealing first with the question of time allowance for the payment of freight charges, it may be pointed out that in the rules formerly effective rule 2 provided *inter alia* that twenty-four hours should be allowed the consignee to pay the tolls or charges, if any. This was, however, subject to rule 11, which provided that this extra time allowance was not to be made where the railway company held previous or standing orders from the consignee for placing on designated tracks or private sidings. Under the rules now operative, which have been in effect since August 20, 1917, it is to be noted that while rule 3 (a), and clause 2 thereof, provides for twenty-four hours free time for giving orders for special placement, it makes no mention, as did rule 2 of the former rules, of this period covering an allowance in which to pay the tolls or charges (if any). And, further, the provisions of the present rules, as above referred to, in respect of orders for special placement are not applicable to consignees served by private sidings or industrial interchange "tracks."

While, under rule 2, (b), delivery of cars upon private sidings or industrial interchange tracks constitutes notification thereof to the consignee, it appears that in practice some arrangement has for some time existed whereby the applicant gives a special placing order. There is some difference of opinion as to the extent to which this has been lived up to. The following discussion is in point (Evid. Vol. 319, p. 12453):—

"The ASSISTANT CHIEF COMMISSIONER: So long as the railways live up to your instructions as to special notification for placing, that not being the strict letter of the rule, things worked all right?

"Mr. STRICKLAND: Yes.

"The ASSISTANT CHIEF COMMISSIONER: But as soon as the strict letter of the rules apply, you have trouble about demurrage?

"Mr. CAMPBELL: No, he still wants another day. The practice to-day is this: A car comes in and instead of being immediately placed on Mr. Strickland's siding he is sent a regular No. 3 advice note; if he gives the disposition the same day, up to 5.30 in the evening, on that car, we consider that it will be placed and his free time commence provided it is placed the following morning at 7 a.m., but there is an isolated case possible where Mr. Strickland does not get his notification early enough to enable him to decide what he is going to do with it, although I am told, subject to correction, that 4 o'clock is about the latest hour that the advices are delivered. Then Mr. Strickland has to decide whether he wants the car on one siding or another, or he turns cars over to other consignees, he sells coal by the earload to other people, or he will have it placed somewhere, but he figures that the free time will not expire before he will have time to team it and save him the expense of unloading the coal into the bins, but in all those cases where he gives his notification the same day as he is advised, the rule does not come into operation, but Mr. Strickland's point is that he should have the following day as well for giving his order."

In effect, the applicant contends that because of special conditions affecting his business he should have a modification of rule 2 (b) whereby he will obtain extra time not allowed under that rule.

As to the Canadian Pacific track concerned; it appears, as has been pointed out, that the applicant has the advantages attaching to the position of a private siding owner, without being subjected to the disabilities of paying for the same.

In a hearing which the Board held on October 21, 1919, the Board was asked by the Canadian Car Demurrage Bureau for a ruling. What was involved was:—

"The question submitted to the Board was as follows:—

"A consignee who has two or more private tracks connecting with tracks of the railway at same point, and upon which the railway company performs

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necessary switching to place and remove cars, advances the opinion that he should be allowed 24 hours' free time after notice of arrival of a car to designate the particular track upon which he requires a car placed. Should the 24 hours' free time be granted, or should he (consignee) not be advised that he should be in a position to designate the track immediately car is offered to him for unloading?

## RULING

"On the hearing of the matter at the sittings of the Board at Ottawa, on Tuesday, the 21st October, 1919, the Board decided that the rule (No. 2), as it stands, does not cover the situation raised, that is, by way of entitling a private owner to any extra time."

In the application of F. R. Stewart & Co., Limited, Vancouver, which was heard at Ottawa on October 21, 1919, what was involved was that the applicant who was limited to 33 feet of an industrial siding contended that he should be given the advantage of the 24 hours' provision of rule 2 for giving placement directions; and it was held that under the rules the user of the private siding was not entitled to the extra free time asked for.

The Board has had before it from time to time various applications from individuals contending that because of the special disabilities of their businesses special allowance of free time over and above what is contained in the rules should be made; and the Board has uniformly held that as the rules provide for average maximum reasonable time, departure therefrom is not justifiable.

In the present instance, a case for the extension asked for has not been made out.

A complaint was made as to the effect on applicant's free time of a demand by the railway, or railways, for a marked cheque to cover freight charges. The applicant sets out:—

"In the matter of freight charges we have no credit account with the railways nor will they give us one and while we usually get along without a marked cheque they have a habit of occasionally demanding marked cheques, in which case it is absolutely impossible for us to pay the freight charges until the bank opens at 10 o'clock the following morning."

What is complained of is not a present difficulty, for Mr. Strickland said at the hearing "at the present time the practice is to place cars without the cheque, but I want to point out we are subject to that difficulty any time." Mr. Campbell, Secretary of the Canadian Freight Association, Western Lines, stated in evidence (Vol. 319, p. 12450):—

"For example, Mr. Strickland referred to Rule 2 (b). He is not suffering any hardship under that rule because it is not the practice of the railways to place the cars upon his private siding before he gives them the placing order.  
 . . . . We do not deliver any car to him until he orders it placed."

So long as the practice so accepted by the railways is continued, there appears to be no difficulty in the situation. If it should be departed from, then, on a written submission from the applicant setting out in a specific case, or cases, the encroachment upon the free time allowed under the rules, resulting from the demand for a marked cheque, the Board will consider whether or not there has been delivery, thus enabling the free time to run, when at the same time the applicant is unable to unload his cars until the marked cheque is given, and will take such action as seems proper.

SESSIONAL PAPER No. 20c

UNITED GRAIN GROWERS OF WINNIPEG, MAN., *re* FREIGHT CLASSIFICATION ON ROAD GRADERS.

*Judgment of Assistant Chief Commissioner McLean, dated February 25, 1920. Concurred in by Chief Commissioner Carvell, and Commissioner Rutherford.*

I have read the report of the Chief Traffic Officer and agree in the conclusions arrived at.

It may be pointed out in terms of the submissions made by the applicants that there are eight types of graders handled by them. By reference to the catalogue number and weight of the machine, the following detail is available:—

The machines lettered G-56, G-57 and G-55 are shipped with the wheels off, K.D., with a second-class rating; and no complaint is made as to these.

The machines lettered from G-50 to G-54, inclusive, are the types which are shipped S.U., on flat cars, and which are at present subjected to the general double first-class rating for the set-up machine.

Rule 6 (a) of the classification provides as follows:—

“Unless otherwise provided for in this classification, or subsequent amendments thereto, L.C.L. shipments too long or too bulky to be loaded in a box or stock car through the side door thereof, and which are loaded on a flat or gondola car, will be carried at actual weight and tariff (class or commodity) rate, subject to a minimum of 5,000 pounds for each car used, at first-class rate for each consignment from one shipper to one consignee; except that when the classification provides for any article a lower minimum weight than 5,000 pounds when loaded on a flat or gondola car, such lower minimum weight will apply, instead of the minimum of 5,000 pounds referred to, for each car used.”

It will appear, then, that the machines G-50 to G-54 are, under this rule, carried at a double first-class rating, subject to a minimum of 5,000 pounds at first-class.

Applying the weight of 5,000 pounds to a machine weighing less than that amount works out, for example, that where the machine G-53, weighing 3,250 pounds is charged as if it weighed 5,000 pounds, it is being charged, if the minimum weight and rate applies because in excess of the tariff rate on the actual weight, 1.54 times as much as the weight which would apply if there were not such a minimum weighting. Working this out for the machines concerned which weigh less than 5,000 pounds, the result is as follows:—

| Weight                                |            |
|---------------------------------------|------------|
| G-53, 3,250 lbs., increased.. . . . . | 1.54 times |
| G-54, 3,250 “ “ . . . . .             | 1.49 “     |
| G-52, 3,788 “ “ . . . . .             | 1.32 “     |
| G-51, 4,770 “ “ . . . . .             | 1.05 “     |
|                                       | 5.40 “     |
| Average.. . . . .                     | 1.35       |

There is no classification rating between first-class and the one and one-half times first-class.

There is given up to the carriage of the grader the complete service rendered by a flat car. It is justifiable to take into consideration in connection with the earnings on the large grader weighing 5,510 pounds, the use which might be made of the same car in a carload movement. For this purpose, the earnings in the same mileage movement of a flat car 36 feet or over in length and carrying lumber with a minimum of 50,000 pounds may be taken. This type of car is taken as characteristic. In the case of the Canadian Pacific, 86.4 per cent of its flat cars are over 35 feet 2 inches in length.

The following table compares the earnings on the first-class rating for the same grader with the earnings on the minimum for lumber for 100, 150, 200, 250 and 300 approximate miles:—

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|                                | Miles | First class<br>in cents | Charge on<br>grader | Flat car of lumber<br>with 50,000<br>lbs. minimum |
|--------------------------------|-------|-------------------------|---------------------|---|
| Edmonton to Red Deer . . . . . | 100   | 50                      | \$27.55             | \$62.50   |
| “ “ Carstairs . . . . .        | 153   | 64                      | 35.26               | 72.50   |
| “ “ Hayter . . . . .           | 199   | 74                      | 40.77               | 87.50   |
| “ “ Adanac . . . . .           | 254   | 82.5                    | 45.46               | 95.00   |
| “ “ Oban . . . . .             | 300   | 91.5                    | 60.42               | 107.50  |

On this basis for the total mileages concerned, the earnings per car-mile in the case of the grader would be, at the first-class rate, 19.8 cents as compared with 42.2 cents on the carload movement of lumber. That is to say, the earnings per car-mile on the grader are 47 per cent of the earnings per car-mile on the lumber. If the movement is computed on one and one-half times first-class, the respective car-mile earnings are 29.7 and 42.2, and the percentage is 70.4 per cent.

Considering the rating on the minimum and the effect of this, together with the general classification factors adduced in the Chief Traffic Officer's report, I do not feel that the Board would be justified in directing a reduction below the rating of one and one-half times first-class.

MESSRS. PLUNKETT & SAVAGE, CALGARY, ALBERTA, vs. C.P.R. CO. *re* CHARGES FOR HEATERS IN CARS OF BANANAS—NEW ORLEANS VIA MINNEAPOLIS TO CALGARY

*Judgment of Assistant Chief Commissioner McLean, dated February 26, 1920, concurred in by Chief Commissioner Carvell and Commissioners Boyce and Rutherford. 26, Can. Ry. Cas., 57.*

It is very much to be regretted that in the presentation of this matter, both at the original hearing and at the subsequent hearing, the matter of the complaint was so developed that various matters material to the complete consideration of the question were not set out.

The original judgment, on what was before the Board, referred to a through rate being in existence from New Orleans to Calgary. It appears, however, from the tariffs that instead of there being a movement on a through rate there was a movement built up on a rate which is a combination of the rate from New Orleans to Minneapolis, plus that from Minneapolis to Calgary; a refrigerator car, to take one instance, moving to Minneapolis on a given freight, then for the movement beyond there was a new and distinct freight charge to destination.

As to the heated car service, the tariff which was in effect at the time the shipment moved was Minneapolis, St. Paul and S.S. Marie Railway Tariff, Supplement No. 2, superseding No. 1 of the M. St. P. & S. S. M. Ry., I.C.C., No. 3857. This also has a filing number for the M. St. P. & S. S. M., C.R.C., No. 645, and the Canadian Pacific filing number is C.R.C. No. W-2154.

The tariff in question provides as follows:—

CHARGES FOR HEATING REFRIGERATOR CARS

“Upon receipt of reasonable notice from shippers that a heated refrigerator car is required for carload shipments between Minneapolis, St. Paul, Minnesota Transfer, Duluth, Minn., or Superior, Wis., and points taking same rates or arbitraries higher and stations in Canada named in tariff as amended, the following rates will be assessed for heating in addition to the regular freight charges of the cars.”

Under this item, there are set out rates between Minneapolis, St. Paul, Minnesota Transfer, Duluth, Minn., and Superior, Wis., and various destination points, and the rate shown between Minneapolis and Calgary is 7½ cents per 100 pounds, minimum \$22.50 per car.

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An analysis of this item permits the subject matter to be subdivided under three headings:—

- (a) Upon receipt of reasonable notice.
- (b) That a *heated* refrigerator car is required.
- (c) Specified rates for *heating* will be assessed in addition to the regular freight charges.

The words "upon receipt of reasonable notice," as contained in the item above referred to, are alleged by the applicant to deal only with a situation where notice by the shipper that a heated refrigerator car is required is given, and not to a situation where a car equipped with one heater, as in the present case, has gone forward to Minneapolis for forwarding and application is made for an extra heater.

The shipment, from the correspondence subsequently submitted, appears to have been made by the Cuyamel Fruit Company of Minneapolis. In response to a letter of December 4, 1918, from Plunkett & Savage to the firm aforesaid asking for information as to what had taken place in connection with the shipment from Minneapolis, the following language occurs:—

"We do not know what kind of an agreement you people have with the Illinois Central so far as the heating of cars is concerned. If you have one, we would like to get it in writing from you so that we can have it for defence if the case comes up, or, better still, if you could supply same in the form of an affidavit it would have more weight with the Commission."

Thereafter the following affidavit was submitted:—

State of Minnesota }  
County of Hennepin }ss.

"Personally appeared before me 'a notary public for and in the county of Hennepin, state of Minnesota,' Wm. H. Paton, who after being duly sworn, deposes and says that he is the District Manager for the Cuyamel Fruit Co., a corporation with headquarters in New Orleans, La., whose business is the importation and selling of bananas in carload lots. That he has had upwards of fifteen years experience in the line of handling bananas and has been employed by the above named company in his present capacity for the past four years. He affirms that the method employed by his firm in the movement of cars (refrigerator cars being always furnished), is to furnish experienced messengers to accompany cars from New Orleans to the destination of the cars. That the railroads in the United States, upon request of these messengers in charge of the cars, always without exception assist them to the best of their ability in the protection of this very highly perishable fruit, and when called upon in cold weather to furnish heaters to be placed in the ice bunkers of the cars, that they be furnished such heaters to the messengers free of any charge whatsoever. This same condition applies to Winnipeg, Manitoba, and intermediate points between Minneapolis and that point.

Lillian A. Jeffrey, *witness*.

Wm. H. Patton.

"Subscribed and sworn to before me this 9th day of December, 1918.  
(My Commission expires January 27, 1923).

Lillian A. Jeffrey,

Notary Public, Hennepin county, Minn."

The Cuyamel Company in its letter of December 9, 1918, to Plunkett & Savage, said letter being on file, says *inter alia*:—

"In connection with this matter we desire to say to you that the rule governing this charge as imposed by the above named company, requires a

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great stretch of imagination to apply to cars of bananas. The rule reads that 'Upon receipt of reasonable notice from shippers that a heated refrigerator car is required, carload shipments between Duluth, St. Paul, Minnesota, and stations taking the same rates, etc., etc., the charge shall be imposed according to the printed schedule.' Now as a matter of fact, we have never called upon the Mpls., St. Paul & Sault Ste. Marie Railway Company to heat a car prior to its loading, and this is obviously what this rule is intended to cover. It would be a physical impossibility for us to call upon any railway, by giving notice either reasonable or unreasonable, to furnish a heated car, for the reason that these cars are heated prior to their receipt by the M. St. P. & S. S. M. Ry., by heaters furnished south of this point gratuitously by the railroads over which the bananas move to this point, and in order to comply with the terms of this rule, the car would have to be unloaded, and you know that that is entirely impossible."

The Canadian Pacific Railway Company makes the following submission as to the construction of the tariff in this respect, said submission having been filed after the original hearing:—

"It makes no difference whatever where the shipment originated; under the tariff applicable from Minneapolis the freight rate did not include the heater charge, and even if there had been a heater in the car previously, and it were then necessary to provide an additional one, the heater charge was properly assessed. As the Board is aware, the charge is for the heater service, including fuel, and is properly assessed whenever a car moves under heat supplied by the company.

"Under reciprocal arrangements made between the various railway companies operating in the United States and Canada, cars in through movements are interchanged, so as to avoid unnecessary trans-shipment of freight.

"The same reciprocal arrangement applies to refrigerator equipment, and in so far as the charge for heater service is concerned, it makes no difference whether the shipment were transferred into a C.P.R. refrigerator car, and heaters furnished by the C.P.R. at point of connection, or whether the C.P.R. took over the connecting line's car with heaters in it. If the C.P.R. uses the heater equipment of a connecting line on shipments coming to it, it reciprocates by allowing the use of its similar equipment in the case of other shipments handed to its connections."

The contention of the applicant is that what was asked for was not a *heated car* service, but a *heater service*, and that the tariff, therefore, did not apply. The item already referred to refers both to *heated refrigerator* car and to *heating*, but the fundamental matter appears to be the heated car. While it may be that the item was intended to apply to a heated car *hauled* from Minneapolis, there is ambiguity in the item as worded.

In a written submission made on behalf of the applicants, said written submission being filed by the head of the Transportation Branch of the Fruit Commissioner's Office, Department of Agriculture, the following language is used:—

"I am informed that previous to the time of complaint Messrs. Plunkett & Savage paid the regular freight charges only on bananas except when ice was used, in which case they paid for actual amount supplied. Between the time of complaint and May 6, 1918, they paid \$22.50 per car on eighteen additional cars for which they asked a refund on same basis as the five carloads mentioned. Since that time shippers have been supplying heaters and fuel, the consignee paying for the fuel and returning heaters to them, paying nothing to the railway company."



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On this being checked up with the railway, the Board was advised that it was the understanding of the responsible official in charge of traffic that if shippers were permitted to supply heaters and the fuel and look after same the railway company would make no charge; that, in other words, the company would make a charge only when heaters and fuel were supplied. This position is also set out in a letter of the assistant general solicitor of the company, under date of February 16, 1920, wherein he refers to the communication of Mr. W. M. Kirkpatrick, Assistant Freight Traffic Manager, already referred to, and states his understanding is that the latter has replied that a charge is made only when the heater and the fuel are supplied.

In a written submission earlier made by the company, the following statement is set out:—

“ In his judgment the Assistant Chief Commissioner states:—

If he (the messenger in charge) had not asked for the additional heaters at Minneapolis, there would have been no extra charge.

“ This statement is of course correct, as, had the heaters and fuel not been supplied, the car would not have moved as a heated car shipment.”

The statement made by Mr. Kirkpatrick, already referred to, relates to the Soo Line Tariff, C.R.C. No. 747, I.C.C. 4457, C.P. No. C.R.C. W-2431, effective February 1, 1919. However, this carries under the item of charges for heated refrigerator cars a provision identical with that referred to as being in force at the time the shipment moved, and the rate quoted is the same.

It is stated in the extracts above given that when the shippers supply heaters and fuel and look after same (the attendance being given by the shippers in either case), there is no heated car charge. Whether this is to be taken as a charge for heating or as including something in addition for the *haulage* of the car is not entirely clear. It may be arguable that since there is the same haulage where the car is heated with the heaters and fuel supplied by the railway as when it is heated by the heaters and fuel supplied by the shipper that the charge is, therefore, based on heater service.

Here, again, there is lack of definiteness. The tariff does not indicate what unit or units of heater service will be supplied for the charges concerned. When the car in question, to take one as a type of the cars concerned, arrived at Minneapolis, there was a heater in it. It was not developed in evidence at the hearing by whom or at what point this heater was supplied on the movement south of Minneapolis. As to the movement up to Minneapolis, the letter from the Cuyamel Company, as above referred to, sets out, in the extract quoted, that—

“ These cars are heated prior to their receipt by the M. St. P. & S.S.M. Ry. by heaters furnished south of this point gratuitously by the railroads over which the bananas move to this point. . . .”

The tariff is not defining the *quantum* of heating for which responsibility will be assumed by the railway for a charge, by way of furnishing “heating,” and, further, in not making clear what difference, if any, there is in the charge where, as apparently was the case here, part of the heating has already been provided for, is ambiguous. A normal rule of construction is where a tariff provision is ambiguous, it should be construed strictly against the railway.

While the Canadian Pacific Railway is a participant in the movement, what is involved is the construction of a tariff filed by a railway operating in the United States, wholly within the jurisdiction of the Interstate Commerce Commission. While the tariff, on what is before the Board, appears to be ambiguous, I do not express a concluded opinion on this; for it must be recognized that the Minneapolis, St. Paul and S. S. Marie Railway, which issued the tariff, has not been before this Board and cannot be compelled to appear. And, consequently, there has not been

before the Board any representation by said railways as to the construction of the item in question. It may also be noted that the arrangement entered into in respect to heaters was one entered into in the United States by a consignor who was not before the Board.

The construction of the terms of the tariff filed by the initial carrier determines throughout the incidence of the item as to heating. The Board has recognized in *Essex Terminal Ry. Co., v. G.T., M.C., Wabash and New York Central Ry. Cos., 22 Can. Ry. Cos., 301 at p. 304*, that as a matter of practical working there have been advantages in recognizing a control by the Interstate Commerce Commission over the rate from a point in the United States to a point in Canada.

In dealing, in the present instance, with the construction of the terms of the tariff filed by the initial carrier, who is within the jurisdiction of the Interstate Commerce Commission, it seems proper that the ruling of the Interstate Commerce Commission in *I. & S. Docket No. 1155, Heated Car Service Regulations, 50 I.C.C., 620*, should be followed. In dealing with the question of international rate practice, Commissioner Harlan, who wrote the judgment which was accepted by the Commission, said at p. 622:—

“For some years joint through rates from Canadian points to interior domestic points have been regarded as being within the general control of the Canadian Commission, while joint rates from domestic points to interior Canadian points are left under the general control of this commission. The origin and scope of this understanding between the two commissions is explained in *International Paper Co., v. D. & H. Co., 33, I.C.C. 270*. It is also referred to in *Rates on High Explosives to G. T. Ry. System Stations, 33, I.C.C. 567*, and was followed in *Aetna Powder Co., v. Wabash R. R. Co., 39, I.C.C. 199*. It has proved to be an efficient working arrangement and will not be departed from by this Commission on light grounds, although we have felt it necessary to point out that our jurisdiction extends to the service of our domestic lines performed within the United States and to the charges therefor, and that where circumstances seem to make such a course necessary we would require the domestic carrier to withdraw from participation in joint through rates to and from Canadian interior points and to establish a local or proportional rate to and from the border.”

The jurisdictional question was not spoken to. Had this been spoken to, the parties would have had earlier advice and the delays caused by the hearings and consideration of written submissions would have been eliminated, so that the parties might have had more prompt recourse to the Interstate Commerce Commission. When it became apparent that there was a jurisdictional difficulty in the way of settlement, the Board gave further attention to considering whether any adequate remedy could be worked out in respect of the Canadian Pacific Railway Company alone.

On consideration of the various phases of the matter, I am regretfully constrained to conclude that the only way in which the matter can be dealt with so as to give an adequate remedy is by dealing with it as a unit. By referring the matter to the jurisdiction of the Interstate Commerce Commission, that body will, in accordance with the ruling in *Heated Car Service Regulations*, above referred to, be in a position to pass upon the construction of the tariff involved, and afford such remedy as to it may seem proper. Whether such reference is to be made by the consignor or by the consignee is a matter to be determined between themselves.

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T. H. TAYLOR CO., CHATHAM, ONT., *re* CHECKING NON-HANDLED FREIGHT

*Judgment of Commissioner Boyce. Dated February 27, 1920. Concurred in by Chief Commissioner Curvell and Assistant Chief Commissioner McLean.*

The complaint involves the rights, as between shipper and carrier, as regards checking of a shipment of flour from Chatham, Ont., to Sydney, N.S., loaded by shippers, upon their private siding, at Chatham, Ont., and sealed with their own seals. On arrival the carriers alleged that the seals were intact and declined to check the contents of the car, or to assume any responsibility for the alleged shortage in its contents.

The relative rights of shipper and carrier, where shipments are made from private sidings of the shipper, are discussed and fully set out in the judgment of the Board, in *re* Bole Grain Company and C.P.R. (see Judgments, Orders, etc., volume 8, page 365), the principle of which is applicable to the complainants' case, and would appear to be a bar to the recognition of their claim. As was laid down in the Bole Grain Company's case, the carriers in the case of shipments from private sidings are not subjected to the same liabilities as are involved where shipments are made in the ordinary course of business, from the terminus of the railway where the carrier receives, receipts for, and loads the shipment, and seals the car. *A fortiori*, where, as in this case, from their private siding, the complainants themselves load a car, presumably checking the contents into the car, and seal that car with their own seals (not with the seals of the railway company), and at destination the seals are found intact, so it cannot be alleged that the seals were tampered with while in the care of the carrier, there is no duty cast upon the railway company to check the contents of the car, from the car, nor any liability for non-delivery of any portion of its contents.

Beyond this principle, as laid down in the case cited, rule 12 of the Canadian Freight Classification applies. That rule reads as follows:—

“Freight weighing 2,000 pounds or over, per piece, or package; also all freight in 6th, 7th, 8th, 9th and 10th classes must be loaded and unloaded by owners.”

Flour is in the 8th class, and as such the shipment mentioned was subject to the rule cited.

The carriers not having loaded the car, nor superintended the loading of the car, and not having in any way concerned themselves with, or voluntarily assumed responsibility for the contents of the car, clearly assume no duty to check out, or become responsible for the contents of the car. It is a case where the railway company would have had a right, following the Bole case cited above, to have noted the bill of lading, “Shippers load and count.”

With the above observations, the claimants will see that their claim cannot be supported.

---

I agree. Reference may also be made to the agreement worked out in 1916 between representatives of the shippers and of the railways as to carload loading on private sidings. One effect of this is that where the car is not loaded by employees of the railway or under its supervision there is no duty imposed on the railway to check out such freight.

S. J. McLEAN.

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FREIGHT ADJUSTING BUREAU, VANCOUVER, B.C., FOR RULING *re* RATES ON SHODDY BLANKETS

*Judgment of Assistant Chief Commissioner McLean, dated February 27, 1920. Concurred in by Chief Commissioner Carvell and Commissioner Rutherford.*

What is involved is the interpretation of apparently contradictory provisions of a tariff.

It is quite clear that item 250 of the tariff (C.R.C. 14) must be read in connection with item 265. The latter, among other things, has "Blankets, other than cotton or shoddy." Reference must therefore be found elsewhere to the shoddy article, and the only other item in the commodity tariff covering blankets is No. 250, which contains, "Blankets, cotton or shoddy." While it is true that this last is headed "Articles made wholly of cotton," provision has to be made for the shoddy blanket excluded from item 265, hence the words "cotton or shoddy." But for the specific exception in item 265 these words would have been redundant, having regard to the word "wholly" in the headline, but being there they must have been inserted with intent, meaning "cotton, as above (wholly) also shoddy." Another interpretation would take shoddy blankets entirely out of the commodity list, as contended by applicants, in which case the first-class rate would apply, namely, \$4.70½, or \$1.25½ per 100 pounds more for the inferior article than for the pure wool blanket of item 265 at \$3.45, and thus create an anomaly that respondents themselves could not be expected to defend.

I consider that applicants have proved title to the \$2.65 rate of item 250, and they have been supported, as the evidence shows, by the C.P.R. Claims Department.

CANADIAN FREIGHT ASSOCIATION *re* INCREASE IN RATES FOR HEATED REFRIGERATOR CARS

*Judgment of Assistant Chief Commissioner McLean, dated February 28, 1920. Concurred in by Chief Commissioner Carvell and Commissioner Rutherford.*

## I

Application is launched by the Canadian Freight Association, acting on behalf of the Canadian railways, for an increase in the rates for the use of heated refrigerator cars for movements in car lots.

## II

The application as launched by the Secretary-Treasurer of the Canadian Freight Association, Western Lines, acting on behalf of the lines from Fort William west, is for authority to increase the rate per car-mile to 1½ cents, minimum \$2. Reference is made in this connection to Order No. 25251 of August 5, 1916, and to General Order No. 173 of October 26, 1916. The situation is that the original tariffs filed for the West, and which were suspended by Order No. 24994, had this suspension lifted by Order No. 25251. The request on behalf of the lines in Western Canada is for an increase to 1½ cents per car per mile, with the existing minimum of \$2.

The matter of rates for heated car service in carlots in Western Canada was dealt with in 1916. Tariffs providing for the rates as set out in general order, as above referred to, had been filed and, on complaint, had been suspended. Thereafter hearings were held in the west the matter being set down for hearing at Winnipeg, Saskatoon, Edmonton, Calgary, Moose Jaw and Regina. As a result of the discussions which took place the representatives of the shippers consented to the charge of 1 cent per car per mile, with a minimum of \$2. Certain readjustments in certain of the tariff rules were made dealing with less than carlot shipments. These are not material in the present discussion.

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The result of Order No. 25251, referred to in the preceding paragraph, is that the rates in question went in under ordinary tariff filing and not under direction by order fixing a basis. The matter was not covered by General Order No. 173.

The present application has been heard at Fort William, Winnipeg, Regina, Saskatoon, Edmonton, Calgary, Vancouver and Victoria. In support of the application for an increased rate, a statement setting out the following particulars was filed at Vancouver by the Canadian Pacific Railway Company:—

COST OF HEATED CAR SERVICE BASED ON FIGURES FOR 1918-1919

|   |                    |             |
|---|--------------------|-------------|
| 1. Total cars handled.. . . . .   | 4,514              |             |
| 2. Total mileage.. . . . .  | 3,947,944          |             |
| 3. Total average per car.. . . . .  | 874.6              |             |
| 4. Capital cost of 4,400 heaters at \$20.. . . . .  | \$88,000.00        |             |
| 5. Interest at 6 per cent.. . . . .   | 5,280.00           |             |
| 6. Interest per car mile.. . . . .  |                    | 0.14        |
| 7. Depreciation—  |                    |             |
| Renewals based on average life of ten years per heater.. . . . .  | 8,800.00           |             |
| 8. Cost of repairs.. . . . .  | 10,384.00          |             |
|   | <u>\$19,184.00</u> |             |
| 9. Depreciation and repairs per mile.. . . . .  |                    | 0.48        |
| 10. Terminal attendance—  |                    |             |
| 50 inspectors at 48 cents per hour.   |                    |             |
| 6 months on heaters.. . . . .   | \$28,500.00        |             |
| Per mile.. . . . .  |                    | 0.73        |
| 11. Office supervision and distribution of heaters, figures on salaries paid general office staff.. . . . . | \$ 1,762.50        | 0.05        |
| 12. Cost of heater fuel per mile—   |                    |             |
| 2 bushels for 36 hours.   |                    |             |
| 15 miles per hour.  |                    |             |
| Charcoal costs 36 cents per bushel.. . . . .  |                    | 0.17        |
| 13. Cost of handling, $\frac{3}{4}$ cents per ton per mile.   |                    |             |
| Average weight, 75 pounds per heater.. . . . .  |                    | 0.05        |
|   |                    | <u>1.62</u> |
| Total cost per mile.. . . . .   |                    | 1.62        |

This was a matter of criticism by the different parties interested and of explanation by the railway.

The Canadian Northern Railway Company filed a statement dealing with the cost of particular items entering into the heater service. As will be noted from the sub-joined statement, this gives a percentage increase average of 82 per cent for the labour and material costs concerned.

“The cost of material and labour pertaining to the above service 1916 as compared with 1919 is as follows:—

|                                    | 1916         | 1919                      | Advance % |
|------------------------------------|--------------|---------------------------|-----------|
| Oil.. . . . .                      | \$ .10 gal.  | \$ .18 $\frac{1}{2}$ gal. | 85        |
| Wick.. . . . .                     | 1.50 doz.    | 2.50 doz.                 | 67        |
| Heater.. . . . .                   | 11.00 each   | 17.70 each                | 67        |
| Labour (superintendence) . . . . . | .24 per hour | .44 per hour              | 83        |
| Labour (repairs).. . . . .         | .37 per hour | .68 per hour              | 84        |
| Labour (helper).. . . . .          | .22 per hour | .45 per hour              | 105       |

“These figures show an average advance of 82 p.c. which is as close to actual figures as we have been able to get, after consulting our Local Freight Agents, Mechanical Departments, etc.”

A general protest against the proposed increase was lodged by the Board of Trade of Weyburn, Sask. The Board of Trade of Regina, while not objecting to the increase proposed, raised some questions as bearing on the less than carlot movements. These matters were gone into, explanation being given that no increases on the service in question were involved in connection with the present application. The Lethbridge Board of Trade submitted a statement saying that its general position was to submit the matter to the decision of the Board. No objections were lodged at Vancouver, Victoria, Edmonton or Fort William.

The Board of Trade of Calgary submitted a written statement the essential points of which were:—

(1) The figures as presented in the Canadian Pacific return do not set out accurately the cost of operating heaters on the through service. The essential criticism here is that the total of some 4,400 heaters required to take care of movements totalling 4,514 cars is excessive, and that there must be, to give such a total, an inclusion of the heaters used on less than carlot movements.

(2) It is contended that the charge for the total wages of fifty inspectors for six months against the through heated car service is improper.

(3) It is alleged that the charge for interest on heaters on a per-mile basis is incorrect. It may be noted that a check of the computation gives a corrected figure of 0.135 cents as against 0.14 cents. It is stated that the costs of operating the service include interest on investment, depreciation, and all other charges, and, therefore, the existing rate is not justified; and it is contended that instead of there being an increase the existing rate should be reduced to one-half cent per car-mile.

The capital cost for a heater is set out in the Canadian Pacific statement as being \$20. Exception was not taken to this. At the same time, the Canadian Northern gives a figure of \$17.50. The Canadian Pacific for Eastern Canada gives a replacement cost of \$18.50. The computation as to fuel expenditure is based on an average speed of 15 miles per hour. In Eastern Canada, a revised figure of 10 miles per hour was given. This appears to be more characteristic.

The points raised by the Calgary and Winnipeg Boards of Trade were gone into at Winnipeg. It was there admitted that the criticism that the car mileage as given included less than carlot mileage was correct and that a deduction of 13 per cent should be made on this account. By deducting 13 per cent, the Canadian Pacific gave, subject to the consideration of certain additional factors later referred to, a revised car-mile cost of 1.41 cents.

Leaving aside the supplementary factors of cost which the Canadian Pacific claimed and which are set out below, the figure of 1.41 cents would, by itself, show an apparent profit of 0.09 cents per car-mile. This would afford on the average car journey a slight profit amounting to 78.7 cents.

The method pursued in arriving at the corrected result of 1.41 cents is, however, based on a fallacy. It assumes that a 13 per cent reduction in the divisor of car mileage means 13 per cent in the quotient. But this reduction in the car mileage following from the same reduction in the number of cars included in the service means that the capital cost and the interest and depreciation charges based thereon are reduced by the same percentage. Consequently, the divisor and dividend having been reduced by the same percentage, it follows that, except in so far as there are fractional differences from the division not being extended, the quotient will be the same as before.

Further, it leaves out of consideration that there are three sets of divisors involved: (1) total car mileage, the divisor for items 6, 9, 10 and 11; (2) mileage per individual car per day for item 12; (3) ton mileage in the case of item 13. The deduction of 13 per cent is not made in the last two cases.

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The position set out in the two preceding paragraphs is evidenced if the Canadian Pacific statement as given, subject to a correction to a basis of ten miles per hour and the appropriate percentage reductions for less than carlot mileage and cars in less than carlot service, is taken. The following results are available:—

|   |              |
|---|--------------|
| 1. Cars handled in carlot movements.....  | 3,927        |
| 2. Mileage of cars handled in C.L.....    | 3,434,711    |
| 3. Average mileage per car.....           | 874.6        |
| 4. Capital cost.....                      | \$ 78,540.00 |
| 5. Interest.....                          | 4,712.00     |
| 6. Interest per car mile.....             | 0.13         |
| 7. Depreciation.....                      | 7,854.00     |
| 8. Depreciation per car mile.....         | 0.22         |
| 9. Repairs.....                           | 9,031.00     |
| 10. Repairs per car mile.....             | 0.26         |
| 11. Terminal attendance.....              | 25,056.00    |
| 12. Terminal attendance per car mile..... | 0.72         |
| 13. Office supervision.....               | 1,533.37     |
| 14. Office supervision per car mile.....  | 0.04         |
| 15. Cost of fuel per car mile.....        | 0.20         |
| 16. Cost of handling per car mile.....    | 0.05         |
| Cost per car mile.....                    | 1.62         |

Items 1, 2, 4, 7, 9, 11 and 13, as given above, are obtained by deducting 13 per cent from corresponding figures in the Canadian Pacific statement.

The figure in the Canadian Pacific statement of 0.17 cents per car mile for fuel cost at a movement of fifteen miles per hour is in error and should be 0.13 cents.

If instead of a speed of ten miles per hour a speed of fifteen miles, as in the original statement is taken, this would mean a deduction of 0.06 cents and a reduced cost figure of 1.55 cents per car mile.

If for the sake of a still more conservative computation the Canadian Northern figure of \$17.70 for a heater is taken, the movement being computed on an average speed of ten miles per hour, the following summary statement of cost items is available:—

|   |        |
|---|--------|
| 6. Interest per car mile.....             | \$0.12 |
| 8. Depreciation per car mile.....         | 0.29   |
| 10. Repairs per car mile.....             | 0.26   |
| 12. Terminal attendance per car mile..... | 0.72   |
| 14. Office supervision per car mile.....  | 0.04   |
| 15. Cost of fuel per car mile.....        | 0.20   |
| 16. Cost of handling per car mile.....    | 0.05   |
| Cost per car mile.....                    | \$1.59 |

A speed of fifteen miles per hour would give a corrected cost figure of 1.52 cents.

If the replacement figure of \$18.50, as used in the east, is taken, the cost per car mile on a ten-mile speed is \$1.60 cents, while on a fifteen-mile speed it is \$1.53 cents per car mile.

The railway submitted that in addition to the items it had dealt with in the statement, it had not included the following which were entitled to have weight and which would very considerably add to the cost of the service:—

“We have not, in compiling the figures covering the cost of heater car service, included the following headings:—

“1. The cost in connection with maintaining heater rooms at the larger terminals, which rooms are used for the storage of heaters and charcoal and pie plates used in starting the heaters and the saltpetre for the dipping of pie plates. Nor have we included the labour employed in these rooms in looking after the items referred to. The pie plates and saltpetre alone are two very expensive items in the course of a season which are absolutely necessary in connection with the use of charcoal heaters.

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"2. We have not included the cost of draying and collecting heaters. For instance, heaters in cars consigned to individual companies, such as the Scott Fruit Company, have to be gathered up and drayed to the freight shed after cars are unloaded. Likewise if Matthews-Blackwell or some other shipper desire to make shipment in heated car we have to send heaters to their warehouse to be placed in cars. The average cost of draying these heaters amounts to approximately 40 cents per heater. The same expense applies to all large terminals, such as Moose Jaw, Calgary, Lethbridge, Vancouver, etc., and is a heavy expense in the course of a season.

"3. We have not included in the expense the cost of picking up heaters at various points in the West, segregating them at the larger terminals and distributing them to various points in the West. As an illustration, on several occasions this season on account of the large number of heaters that have been used in the Okanagan valley, we have been compelled to pick up heaters at various points and segregate them at the larger centres, such as Winnipeg, Moose Jaw, Calgary, and load them in baggage cars and forward them to the Okanagan by passenger train, which has on at least two occasions involved the running of an extra section of passenger train. Likewise there is a large expense attached to the gathering of heaters in this manner and distributing them at all points.

"4. We have not included in the expense the cost of heater car messengers. Messengers are sent on all trains handling five or more cars of perishable freight when weather conditions make it necessary. These messengers are paid on an hourly rate, continuous time, being paid time and a half after being on duty ten hours and double time for Sundays and holidays. As an illustration, a messenger accompanying five or more cars of perishable freight from Calgary to Moose Jaw results in an expense of \$36. Similar service from Calgary to Wetaskiwin costs \$24. These figures are based on the actual cost as paid to messengers the past few weeks.

"5. We have not made any allowance for the extra time required in terminals for the attention to heaters in cars of perishable freight. As an illustration, take for instance a train containing from five to fifteen cars of perishable freight. It is necessary to hold this train up in terminals for one to three hours longer than is necessary to hold a dead train in order to allow sufficient time for attention to be given to the heaters, fire pots cleaned and charcoal supply replenished. In the larger centres heated cars are switched out of trains and moved to platform where the heaters can be given the necessary and proper attention. No allowance at all has been made in connection with expense of switching these cars to and from trains.

"6. There are certain expenses in connection with the handling of charcoal which we have not included in the figures submitted.

"7. There are certain general overhead expenses of a supervisory nature which are not included in the figures submitted.

There was also raised by the Winnipeg Board of Trade the point that the terminal attendance of fifty inspectors, as shown, had not been affirmatively established to be an exclusive service given to the heated refrigerator cars. In the hearing in connection with the eastern portion of the application, it was stated by the Canadian Pacific that the time of the inspectors was exclusively devoted to the heater service and, therefore, that the charge in total was a proper one. Mr. Denison's position, in substance, was:—

"Mr. DENISON: We had due notice of this, Mr. Chairman, and spent some time yesterday with the railway men in conference so that we might



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understand just what they were wanting and the necessity for it. My opinion is that there is nothing extraordinary or unreasonable being adopted. If the cost of one cent, as adopted in 1916, was fair or reasonable, there is no question but what one and a half cents at the present time would be also fair enough; but we went into the figures which the railway people had available and I am perfectly satisfied with the cost of one and a half. So far as the shippers of the Winnipeg Board of Trade are concerned, we have no protest to make."

Due weight was given by Mr. Denison to the statement of the railway filed at the hearing, and in a supplementary communication of December 9 he said that the statements of cost were more or less reasonable, and that if the Board was satisfied, after giving due consideration to his submission, he had no further objection. He made the proviso that the service should be all that weather conditions would permit. This is a general obligation of the railway independent of the particular question of rates concerned.

At the sitting in Vancouver, the British Columbia Traffic and Credit Association of Vernon, B.C., hereinafter called the Traffic Association, which was interested in fruit shipments, had its attention drawn to the matter involved through questions directed to its secretary-manager, Mr. Winslow, who was present at the hearing. Subsequent to this sitting, a telegram was received from him asking for particulars and reasonable time for examination and preparation in rebuttal; and it was at the same time suggested that the matter might stand pending judgment by the Interstate Commerce Commission in connection with the investigation into the general question of heater rates and service it was then conducting. This was argued for on the ground that the American service covered a traffic directly competitive with that of the applicant. If, however, it was not obligatory to take into consideration the competitive situation, then the Traffic Association was agreeable to leave the matter of examination of cost in the hands of the Board, subject to the suggestion that the charges should be such as to warrant an entirely efficient service.

As already pointed out, the matter had been brought to the attention of the Traffic Association. After the receipt of the telegram above set out, a further direction was given to the railway to furnish copy of the application and statements in support of it to the Traffic Association; and direction was given that the said Association should file its objections, if any, within three weeks after receipt.

From communications on file, the railway obeyed this direction under date of December 4. Under date of December 12, the said Traffic Association wrote as follows:—

"While we favour the general proposition that the carriers should receive a fair remuneration for service rendered, we respectfully submit that in the framing of any particular tariff of rates there must be considered also the efficiency and reliability of the service rendered and the competitive rates and service. In these respects our traffic is under certain disabilities both as regards the performing of heater service and in respect to competitive traffic. For some time past, it has been our intention to meet the traffic officials of the Western Lines with a view to amelioration of these disabilities. We now hope that in conjunction with the fruit jobbers of Western Canada to meet the traffic officials in January or February which would permit of a hearing before the Commission, if this is required, in the spring.

"We regret we are unable at the present time to proceed as we desire, as the data for the current season is not available and will take some time for preparation. We would accordingly respectfully request that action by the Commission on the carriers' present application be in the nature of a necessary temporary relief; such action to be without prejudice to a re-opening of the case along the lines we above suggest."

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In referring to the above letter which was addressed to the Chief Commissioner, the Traffic Association, in a letter of same date to the Secretary of the Board, stated its position to be that it had asked the Commission to deal with the carriers' application temporarily affording them what relief was considered necessary, but leaving the matter open, without prejudice, to be dealt with later should the said Traffic Association not be able to come to a satisfactory arrangement with the traffic officials direct; and in another communication, dated December 13, addressed to the Board, said Traffic Association desired its telegram of November 26, already referred to, to be withdrawn.

Under date of February 10, the Traffic Association wrote enclosing resolution setting out its position, as follows:—

“That the Association bring to the attention of the Canadian Board of Railway Commissioners our strong objection to any increase in heating charges unless coupled with it there is carriers' liability.—Carried.”

What is involved in this is the contention that the carrier should be a full insurer; in other words, that as a condition of the increase of rate for heater service, the carrier should accept an extended liability which it does not at present.

### III

General Order No. 173 did two things. In the first place, as to local movements east of Westfort it lifted the suspension which had been imposed by Order 24680, and by so doing permitted the charge of 1 cent per car mile, minimum \$2, to become effective. In the second place, it dealt with the question of group rates on the movement east to the west, and vice versa, and prescribed the basis therefor. The application as launched under date of November 28, 1919, on behalf of lines in Eastern Canada, asking for the amendment of General Order No. 173 by permitting the adoption of a basis of 1½ cents per car mile, minimum \$2, is in effect, first, an application for the amendment of the portion of the order dealing with the movement from the east to the west, and vice versa; and, second, an application to file new tariffs for the movement east of Westfort in substitution for the tariffs allowed to become operative in 1916.

In support of the application, the Canadian Pacific submitted the following statement:—

#### “COST OF HEATED CAR SERVICE

|  |                    |      |
|--|--------------------|------|
| 1. Total cars handled.. . . . .  | 7,048              |      |
| 2. Total mileage.. . . . .   | 4,052,600          |      |
| 3. Average mileage per car.. . . . .   | 575                |      |
| 4. Capital cost of 3,400 heaters.. . . . .   | \$63,000.00        |      |
| 5. Interest at 6 per cent.. . . . .  | 3,780.00           |      |
| 6. Interest per car mile.. . . . .   |                    | 0-09 |
| 7. Depreciation—   |                    |      |
| Renewals based on average life of ten years per heater.. . . . .   | \$6,300.00         |      |
| 8. Cost of repairs.. . . . .   | 8,040.00           |      |
|  | <u>\$14,340.00</u> |      |
| 9. Depreciation and repairs per car mile.. . . . .   |                    | 0-35 |
| 10. Terminal attendance—   |                    |      |
| 44 inspectors at 49 cents per hour (amended).. . . . .   | \$31,046.00        | 0-77 |
| 43 inspectors at 40 cents per hour   |                    |      |
| 8 hours per day  |                    |      |
| 30 days per month  |                    |      |
| 6 months on heaters (original).. . . . .   | 24,768.00          |      |
| 11. Terminal attendance per car mile.. . . . .   |                    | 0-61 |
| 12. Office supervision and distribution of heaters based on salaries paid general office staff.. . . . . | \$1,830.00         |      |
| Per mile.. . . . .   |                    | 0-04 |

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"COST OF HEATED CAR SERVICE.—*Concluded*

|   |            |
|---|------------|
| 13. Cost of fuel per mile   |            |
| 6 gallons for 24 hours  |            |
| 10 miles per hour (amended) . . . . .   | 0-48       |
| 15 miles per hour   |            |
| Oil costs 19 cents per gallon   |            |
| Per mile (original) . . . . .   | 0-32       |
| 14. Cost of handling heaters at $\frac{3}{4}$ cents per ton per mile, average |            |
| weight 75 pounds per heater, 2 heaters per car . . . . .                      | 0-06       |
| Total cost per mile (original) . . . . .                                      | 1-47       |
| 19,040 wicks used at 20 $\frac{3}{4}$ cents each . . . . .                    | \$4,096.00 |
| Cost per mile (additional) . . . . .  | 0-10       |
| Amended cost per mile (amended) . . . . .                                     | 1-89       |

"(The word 'original' in above statement refers to statement of 1-47 as originally filed. The word 'amended' points out the particulars in the schedule giving total of 1-89.)"

The Grand Trunk also furnished the following detailed statement:—

"COST OF HEATED CAR SERVICE BASED ON HEATED CARS MOVING FROM NOVEMBER 1, 1918, TO MARCH 31, 1919

|   |                   |      |
|---|-------------------|------|
| Total cars handled . . . . .  | 1,224             |      |
| Total mileage . . . . .   | 245,148           |      |
| Average mileage per car . . . . .   | 200               |      |
| Capital cost of 500 heaters . . . . .   | \$7,500.00        |      |
| Interest at 6% . . . . .  | 450.00            |      |
| Interest per car mile . . . . .   |                   | 0-18 |
| Depreciation—   |                   |      |
| Renewals based on average life of ten years per heater. \$ 750.00   |                   |      |
| Cost of repairs . . . . .   | 1,170.10          |      |
|   | <u>\$1,920.10</u> |      |
| Depreciation and repairs per car mile . . . . .   |                   | 0-78 |
| Cost of attendance—   |                   |      |
| 1 hour applying heaters . . . . .   | \$575.28          |      |
| $\frac{1}{2}$ hour inspecting heaters, allowing for one inspection en route on each car, at 47 cents per hour . . . . . | 287.64            |      |
| $\frac{1}{2}$ hour removing and taking care of heaters after protecting car . . . . .                                   | 287.64            |      |
|   | <u>\$1,150.56</u> |      |
| Cost of attention per car mile . . . . .  |                   | 0-46 |
| Office supervisions—  |                   |      |
| Figured on wages paid office staff . . . . .  | \$600.00          |      |
| Cost per car mile . . . . .   |                   | 0-24 |
| Cost of fuel—   |                   |      |
| 6 gallons per 24 hours  |                   |      |
| 15 miles per hour   |                   |      |
| Oil costs 20 cents per gallon.  |                   |      |
| Cost of fuel per car mile . . . . .   |                   | 0-33 |
| Total cost per car mile . . . . .   |                   | 1-99 |

"GRAND TRUNK RAILWAY SYSTEM

COST OF HANDLING HEATERS

| Season 1915-1916   | Season 1918-1919          | Increase |
|--|---------------------------|----------|
| Oil . . . . . \$ .11 per gal. . . . .                    | \$ 0.20 per gal. . . . .  | 82%      |
| Wicks . . . . . .76 per doz. . . . .                     | 1.56 per doz. . . . .     | 105%     |
| Heaters . . . . . 11.00 each . . . . .                   | 18.00 . . . . .           | 63%      |
| Repairs . . . . . 1.23 per heater . . . . .              | 2.05 per heater . . . . . | 66%      |
| Wages paid inspectors, etc., attending heaters . . . . . | .47 per hour . . . . .    | 135%     |
| Clerical help, S.C.S. Office . . . . .                   | 60.00 per month . . . . . | 60%      |

REMARKS

|  |   |
|--|---|
| Price of Oil Heaters   | Season 1918-1919  |
| \$ 8.75 Year 1912, 1913, 1914; spring 1915.  | Oil—Based on Coal Oil 16 $\frac{1}{2}$ cents per gallon and Mineral Oil at 23 cents per gallon. |
| 10.50 Fall of 1915.  |   |
| 12.00 Spring of 1916.  |   |
| 15.00 Fall of 1916.  |   |
| 16.50 Spring of 1919.  | Repairs—Based on heaters repaired between November 1, 1918, and March 31, 1919.                 |
| 18.00 1919 with latest improvements.   |   |
| Repairs for 1915-1916 based on 575 heaters repaired at London between January and December, 1916." |   |

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The original cost statement as submitted by Canadian Pacific showed a cost of 1.47 cents per car mile. It will be noted that the statement which is given above shows a total of 1.89 cents. The increases are due to the following factors:—

(a) *Terminal Inspectors.*—The first statement showed forty-three inspectors at 40 cents an hour; the second statement shows at present employed forty-four inspectors at the higher wage of 49 cents per hour. This factor makes an increase of 0.16 of 1 cent per car-mile.

(b) *The cost of fuel.*—In the first statement, the computation is on the basis of fifteen miles per hour. It is set out by counsel for the railway that this average speed is excessive and that the computation should be made on the basis of ten miles per hour. This, with the same consumption of fuel during a 24-hour period and at the same price, gives an increase of 0.16 per car-mile.

(c) *The cost of wicks used.*—As set out in the evidence when the statement was prepared there were no details available as to the cost of wicks. As shown in the statement above, these figure out 0.10 of 1 cent per car-mile.

It will be seen that the items above referred to give a total of 0.36 of 1 cent per car-mile. If the difference due to the calculations as to rate of transit per hour is eliminated this will still leave 0.26, or a total charge of 1.73.

It is contended that there are items of cost in connection with the service which cannot be reduced to dollars and cents. One important one is the service performed in distributing heaters. There are central holding points for heaters at inspection points. At a large terminal like Montreal or Toronto, these heaters may have to be sent out to some private siding for heating a car that has been loaded outwards. In some cases the heaters have to be distributed by team. When there is a line haul involved, if the forwarding of the heater to the point concerned is not one involving emergency, the movement is by freight. In cases of emergency they are moved by passenger trains. Reference was made to a carload of heaters moved by passenger train to St. John on January 6, part for local use and part for distribution.

In connection with the distribution of heaters it is contended it is necessary to make use of other employees in distribution at terminal points. A building is maintained at Montreal for storage for eastern lines of these heaters during the summer months. This building is said to have a rental value of \$2,400 per year.

While the hearing at Ottawa was widely circularized by notification to trade bodies, there was but little protest. A telegram was received from the Quebec Board of Trade, but as received it referred to an increase of 1½ cents and a protest against this. Obviously the Board of Trade was proceeding on erroneous information, as the increase involved was one-half cent. It may be that there was an error in transmission of telegram; but no information bearing on this was filed and nothing further developed from the Board of Trade in question.

Mr. Marshall, for the Toronto Board of Trade, drew attention to some of the provisions of the cost statements, particularly as to the question of terminal costs, and to the number of inspectors necessary. The criticism turned more particularly on the statement of facts which had been made in connection with the 1916 investigation, wherein it was set out by a witness for the Canadian Pacific that a man engaged in this service could occasionally be used in other services of the railway. Counsel for the railway affirmatively stated that on the changed conditions and the practical doubling of mileage under heat at present as compared with 1916, the full time of the men in question was taken up with the heater service; and Mr. Marshall said he accepted this statement.

The general position as submitted by Mr. Marshall was:—

“In so far as the members of the Toronto Board of Trade are concerned, there is no objection whatever to the tariffs of the carriers being increased from one cent per mile, minimum \$2, to 1½ cents per mile for heated car ser-

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vice, providing of course we get a really good service, and that the Board find after examining the statements submitted by the carriers that their costs are approximately right."

Mr. Tilston, for the Montreal Board of Trade, interposed no objection.

The position taken by the Traffic Associations, as already referred to, is tied up to the position as taken by Mr. McIntosh, of the Fruit Commissioner's office, who appeared on behalf of the following:—

- The Ontario Fruit Growers' Association.
- The Nova Scotia Fruit Growers' Association.
- The British Columbia Credit and Traffic Association.
- The Nova Scotia Shipping Association.
- The Western Canada Fruit Jobbers' Association.
- The Ontario Vegetable Growers' Association.
- The Niagara Peninsula Fruit Growers' Association.
- The Quebec Department of Agriculture.

Included in this list is the Traffic Association, and Mr. McIntosh read into the record a telegram from Mr. Winslow, the secretary-manager of the association, dated December 30, as follows:—

"Suggest to this Board that the traffic officials of Western Lines have been invited to meet fruit growers, shippers and jobbers of Western Canada in conference at Vancouver the last week in January for discussion of heated service with a view of more practical arrangements."

The subsequent statement by the Traffic Association has already been set out.

Mr. McIntosh desired that opportunity be afforded for further written submissions on behalf of the Director of the Co-Operation and Markets Branch, Ontario Department of Agriculture, Mr. A. H. McLennan, Vegetable Specialist, and the Potato Council of Ontario. The time which has elapsed has been amply sufficient for the filing of such submissions. None have been received. He also stated a request on behalf of the Fruit and Vegetable Trade of Montreal that a hearing be held in that city, or that they be permitted to file written submissions. The same comment as above may be applied here.

There has just been received the following resolution passed at the Annual Convention of the Ontario Vegetable Growers' Association, this resolution being submitted under date of February 25:—

"Moved by J. J. Davis, seconded by Henry Broughton, that whereas the present heated refrigerator car service as now provided by the Canadian railways, has not been satisfactory in the handling of different varieties of vegetables, particularly onions and potatoes, causing heavy losses and waste of foodstuffs, due to the fact that heaters have not received proper attention in transit, the Ontario Vegetable Growers' Association, in session in Ottawa, January 15, 1920, go on record as being opposed to any further increases in the charges for a heated refrigerator car service under rules and conditions now effective; further, that this association strongly recommends that application be made to the Board of Railway Commissioners for an order requiring the railways to provide a carriers' protective service under which the railways assume liability for loss due to freezing or from artificial overheating not the direct result of negligence of the shipper, and that the railways be permitted to impose a reasonable charge for this service in addition to the regular freight charges; and further that a copy of this resolution be filed with the Board of Railway Commissioners.—Carried unanimously.

As to the question of increased remuneration, Mr. McIntosh did not take exception to the increase in cost. At p. 133 of the evidence, volume 321, he stated: "I think under the present cost of operating that they are entitled to more money for their heated car service;" and at p. 134 he stated: "I do not think there is anything to be gained by keeping the railway companies from a charge they are entitled to for the remainder of the season." He coupled with this, however, the position that the railway should accept the liability of a full insurer. Further statements were submitted by him as bearing upon the inadequacy and defects of the service rendered, it being stated by him, on behalf of some of his clients, that certain vegetables were damaged in transit from excessive heat while others were damaged by frost. The question of the service rendered and the obligation of the railway in connection therewith, as distinct from the matter of being a full insurer, is something which is not necessarily tied up to the discussion of the rate in question.

In the exchange of opinions which took place at the hearing in regard to the question of the carrier assuming the liability of a full insurer, reference was made to the classification provisions in this respect as tied up to the class rates.

The increase as at present proposed is justified by the railways on the basis of cost and independent of any element of profit. On the basis of the figures submitted the increase asked for does not cover the full cost involved. If a carrier is to be a full insurer, it is obvious that the increase in the heater rate herein proposed cannot make any contribution to an insurance fund out of which the railway would pay such losses as might accrue from this extended liability as a full insurer; and this being so, it further developed in the course of the discussion that there was nothing before the Board as to what rate would properly take care of this liability, nor was Mr. McIntosh, who advanced the proposition, able to make any submission which would be helpful to the Board in arriving at a conclusion in the matter. This is not in criticism of Mr. McIntosh, who was simply advancing a principle and who had not in his possession the detailed statistics which it would be necessary to have in striking a rate such as would be necessitated by the extended liability he contended for. At the same time, it may be referred to as indicative of some of the difficulties which must be faced.

As was clearly pointed out by the Chief Commissioner at the hearing, this phase of Mr. McIntosh's contention was injecting into the discussion a proposition which had not been discussed; and that if it was the desire of the parties interested to have such matter brought up, then it would have to be dealt with in the regular way.

As already pointed out, the rate of one cent per car per mile as applicable in the West was worked out by consent of the parties interested. Where shippers' representatives and representatives of the railways sit down together and work out what appears to them to be a reasonable basis of rate, the agreement so arrived at must be given due weight and not lightly disregarded, as would be the effect if one of the contentions of the Calgary Board of Trade in regard to a reduction of the existing rate were acceded to.

The practice of shippers and railways endeavouring, through conference, to agree upon rate rearrangements and iron out their difficulties is one which is much to be commended. There has been on the whole a very distinct improvement in this respect during the past ten years of the Board's history. The function of the Board is not to make rates in the first instance, but to deal with the apparently irreducible minimum of grievance. At times, a railway has taken the position that because a complaint has been filed with the Board it would be improper for the railway, pending hearing and adjudication, to discuss the matter with the applicant, with the view of arriving at some satisfactory conclusion. It may be emphasized that the Board does not take any exception to such adjustment being worked out.

The rate basis of heater car service in the West was a consent one. There is substantial consent that an increase, subject to the Board's analysis of the figures

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submitted, is justifiable. An analysis of the figures both east and west justifies the increase asked for.

The increase in the west and the increase in the east and as between the east and the west may go in, subject to the increase in the maximum rates of the groups as provided for in General Order No. 173 being limited to 50 per cent. This point was not developed in the original application as filed, but on being brought to the attention of the railways at the hearing was agreed to.

In view of the extended hearings which have taken place, the Board is justified in authorizing that the increase in rates shall become effective on seven days' notice.

PEOPLE'S GAS SUPPLY CO., OTTAWA, *re* TRANSPORTATION OF DANGEROUS ARTICLES OTHER THAN EXPLOSIVES

This was an application made by the People's Gas Company, Limited, for repeal of, or an amendment to the second paragraph of rule 1861 (j) of the Regulations for the Transportation of Explosives and other Dangerous Articles by freight. This rule was put into effect by Board's General Order No. 260 of March 17, 1919, amending General Order No. 203, and was the result of the application of the Prest-o-lite Company of Canada, Limited, for an order amending the regulations approved by said general order.

The rule complained against is as follows, and, as pointed out, the objection is to the second paragraph thereof:—

(j) Cylinders containing acetylene gas must be completely filled with a porous material that has been tested with satisfactory results by the Bureau of Explosives, and this material must be charged with acetone, or its equivalent, not to exceed 40 per cent of the interior volumetric capacity of the cylinder. The pressure in cylinders containing acetylene gas must not exceed 250 pounds per square inch at a temperature of 70° F.

"Cylinders containing acetylene gas must not be shipped unless they were charged by the person or company by or for whom the cylinders were manufactured. Provided that they may be charged by a person or company having possession of complete information furnished in writing by the person by or for whom the cylinders were manufactured, showing the nature of the porous filling and solvent in the cylinders and the meaning of the test markings, solvent indicator markings, and other markings on the cylinder."

The applicants claimed that the enforcement of this rule would mean compelling them to go out of business.

Prior to the passing of this rule, the rule that was in force, and which was applied, was as follows:—

"Cylinders containing acetylene gas must be made of tough steel and must be completely filled with porous material that has been tested with satisfactory results by the Bureau of Explosives, and this material must be charged with acetone, or its equivalent, not to exceed 40 per cent of the interior volume capacity of the cylinder. The pressure in cylinders containing acetylene gas must not exceed 250 pounds per square inch at a temperature of 70° F."

The contention of the People's Gas Company is that the Prest-o-lite people, having failed in the courts, the object of this amendment is to preserve to the Prest-o-lite Company the right to control the filling of their tanks, and to exclude the People's Gas Company from carrying on a business they are otherwise empowered by the Parliament of Canada to carry on.

The facts are fully set out in the judgment of Mr. Commissioner Goodeve, dated March 4, 1920, concurred in by Assistant Chief Commissioner McLean and Deputy Chief Commissioner Nantel.

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Held that the conclusion arrived at by the Interstate Commerce Commission, as expressed in its decision, 53 I.C.C. 544, governs this case and that the rule should be amended in a similar manner to that of the Interstate Commerce Commission, subject to an additional rule that every manufacturer of cylinders for the shipment of acetylene gas in Canada shall file with the Inspector of the Bureau of Explosives at Toronto, complete information as to the nature of the porous filling, the kind and quantity of solvent in the cylinders, and the meaning of such markings on the cylinders as are prescribed by the Board's regulations, together with the serial numbers of the cylinders using a particular kind of filler. That upon application of any manufacturer of acetylene gas to the Bureau of Explosives for information necessary to enable him to comply, in the recharging of same, with the regulations of this Board, the same should be furnished

DISPOSITION AND PROTECTION OF EXPRESS MATTER UNLOADED AT FLAG STATIONS

*Judgment of Assistant Chief Commissioner McLorn, dated March 22, 1920, concurred in by Chief Commissioner Carrell, Deputy Chief Commissioner Nantel and Commissioners Goodere and Boyce. 26. Can. Ry. Cas., 35.*

The express receipt provides by subsection (m) of section 5 that the company shall not be liable "for any loss or damage occurring to shipments addressed to stations where there is no agent of the company after such shipments have been left at such stations."

Complaint has been made from time to time that parcels of express are left on the platforms of flag stations, with the result that loss and damage occur in connection with them.

It was pointed out by the express companies that the amount of business done at a flag station point does not warrant the expense of maintaining a separate caretaker; and it is further stated that the express messengers are not permitted to leave their cars. The contention advanced by the express companies that as a rule shipments for flag station points are expected by the consignee who meets the train, the time of arrival of which is well known, is a contention to which much exception is taken; and much of what is said by way of criticism here is justified.

In general, the express companies, the answer of the Dominion Express Company being taken as typical, submit that they are doing all they can to have the goods protected, and that messengers have instructions to see that shipments are unloaded on the platform; and that where there is a shelter the trainmen, in general, see that the goods are put in the shelter; that, generally speaking, at points on the railway, the company has some one on duty most or part of the time; the express shipments are looked after by such person or persons; and the route agents of the express companies going along the line endeavour to learn whether or not such shipments are taken care of in a reasonable way.

The material submitted before the Board does show some legitimate reason for complaint. There are undoubtedly some losses and damages. At the same time, the Board has to deal with the matter from the standpoint of what is practicable. The Board has recognized in connection with the provisions as to flag stations that the requirement of the same or similar facilities at a flag station as at a regular station would, from the standpoint of the volume of traffic involved, be unfair. Placing on a railway, in the case of a flag station, a burden of expense analogous to that properly borne by a regular agency station would not only mean an unfair inroad into the revenue, but would mean that the railways would be exceedingly chary in establishing flag stations if regular station expenses at once attached.



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The matter was gone into very carefully in the judgment of the late Chief Commissioner Mabee in connection with the issuance of the flag station order; and reference to what is therein set out may be made. What has been said in regard to a station where the installation of an agent has not been found justifiable would appear to apply with equal force to express business. To require at a flag station which has small traffic that some person should be employed to handle the express parcels would mean, in many cases, a payment out of revenue considerably in excess of what would be received from the express business to and from the point in question.

At the time the flag station judgment and order issued, the Board, first of all, canvassed the situation in the adjoining States of the American Union with a view to learn as much as possible from their experience. In the present instance, the Board directed the following questions to a representative list of railroad commissions in the United States:—

- (a) Is the shipment handled forward to the first agency point beyond, notification being sent to consignee from said agency point?
- (b) Is the express shipment simply put off on the platform at the non-agency point, and what liability attached to Express Company when this is done?
- (c) Is there any obligation imposed on the Express Company, or on the train crew, when shipment is put off at non-agency point to put same in the freight shed or other shelter existing at said non-agency point?

A summary of the situation from different commissions may be given:—

In the state of New York, when shipments are destined to a place where the express company has no office, the shipment must be marked with the name of the express station at which consignee will accept delivery.

In the state of Georgia, provision is made that where a shipment is consigned to a non-agency station, then, unless otherwise ordered by the shipper, the shipment is carried to the nearest agency station where it is put off, and consignee is notified by the agent that shipment is at such station. If the shipper notifies the express company that he desires shipment put off at a non-agency station, it is put off entirely at his own risk. Further, where a shipment is put off at a non-agency station, there is no obligation imposed upon the express company or train crew to put the same into a freight-shed or other place of shelter.

The Minnesota Commission states the practice in regard to non-agency stations is that shipments are carried forward to the next express agency point beyond the non-agency point, unless some one is at the latter point to receive the shipment and pay the charges; or, if the shipment is prepaid, a notice is inserted in the waybill to put shipment off at non-agency point at owner's risk. There is no rule requiring express companies to put express into freight shed at non-agency points.

The Railroad Commissions of Wisconsin, Missouri, and Iowa report similar regulations, these being governed by the official express receipt.

A similar statement is made by the Public Utilities Commission of the state of Illinois.

The Public Service Commission of Indiana states that the regulations of the American Railway Express Company, which at the time of writing was operating under the supervision of the Federal Government, apply to the matters involved; and in this connection it enclosed a copy of a letter from Mr. H. B. Calkins, Superintendent, American Railway Express Company, at Indianapolis, from which the following is an extract:—

“It is the custom in the United States when a shipper wishes express (other than money, valuables, or C.O.D. shipping), put off at a station where there is no express agent, the charges must be prepaid, and the express receipt

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must be endorsed 'Put off at destination at my risk,' signed by the shipper. The shipment must be endorsed 'Released—Put off at owner's risk.' In this case, a duplicate of the receipt is made and kept on file at the express office at point of origin.

"The express company will not accept a package of money or a valuable package, or a C.O.D. package with the understanding it would be put off at owner's risk."

Mr. Calkins also states that in the case of a shipment destined to a so-called inland town off the railroad, unless the shipper designates an express office where he desires the shipment billed to, the express company ascertains a nearest express office to destination and forwards the package there. The agent there sends a postal notice to the consignee announcing the arrival of the shipment.

It will thus appear from the summary given that the experience of various regulative tribunals in the United States does not disclose anything which would be helpful by way of indicating the line on which there might be an extension of obligation.

While the Board has recognized that a certain minimum is necessary before the Board would be justified in directing the installation of a regular agent at a point which has hitherto been a flag stop, at the same time it has recognized the propriety of having caretakers installed at points whose revenue falls below the \$15,000—the minimum as set out in the flag station order. No rigid rule as to the amount of traffic necessarily involved or the amount of revenue therefrom necessary to justify the installation of a caretaker can be set down. The particular facts have to be given consideration in each case. I am unable to find from the records of American state commissions that the practice of having caretakers with defined functions at flag stations has been developed in the United States as a principle in the way it has been developed here.

An analysis of the orders dealing with the appointment of caretakers has been made. In some cases, orders have issued which have not provided for the handling of express traffic as one of the functions of the caretaker. An analysis of some ninety-three orders in which provision as to express matter is contained has been made. The general provision as to the obligation of the caretaker is, in summary, "to keep station clean and heated for passengers on arrival and departure of trains, and to care for L.C.L. freight and express matter."

Of the ninety-three orders in which these provisions, or words equivalent, will be found, some forty-three are to be found in the provinces west of the Great Lakes.

After careful consideration, I am forced to the conclusion that it would be not only impracticable but also unfair to direct that at every flag station at which express matter is or may be received there should be an agent or employee to receive and take care of such express matter. For the reasons already set out, the matter must be dealt with in an average way. I am of the opinion that in every case where the Board deals with the appointment of a caretaker, the question of express traffic should be given weight, and that in every order issuing in the future one of the functions of the caretaker should be to take care of express traffic.

While I recognize that there are some individual cases of hardship which, unfortunately, this will not take care of, I am at the same time of the opinion that at a point where, on account of the small volume of traffic concerned, the Board is not justified in directing the installation of a caretaker, it necessarily follows that at such point it would not be justified in directing the installation of some one to take care of the express matter.

APPENDIX B

REPORT OF THE CHIEF TRAFFIC OFFICER OF THE BOARD FOR THE YEAR ENDING DECEMBER 31, 1920

SIR,—I have the honour to submit, for the sixteenth annual report of the Board, a memorandum of the freight, passenger, express, telephone, telegraph and sleeping and parlour-car schedules filed with the Board from November 1, 1904, when by order of the Board, under the Authority of section 311 of the Railway Act, 1903, the railway companies commenced filing their tariffs, to December 31, 1919; and from January 1, 1920, to December 31, 1920, inclusive; also, of the more important orders relating to traffic issued by the Board to December 31, 1920:—

SCHEDULES RECEIVED FROM NOVEMBER 1, 1904, TO AND INCLUDING DECEMBER 31, 1919

|                                 |         |         |         |
|---------------------------------|---------|---------|---------|
| Freight—                        |         |         |         |
| Local tariffs.. . . . .         | 12,954  |         |         |
| Supplements.. . . . .           | 27,411  |         |         |
|                                 |         | 40,365  |         |
| Joint tariffs.. . . . .         | 28,695  |         |         |
| Supplements.. . . . .           | 84,321  |         |         |
|                                 |         | 113,016 |         |
| International tariffs.. . . . . | 114,181 |         |         |
| Supplements.. . . . .           | 352,624 |         |         |
|                                 |         | 466,805 |         |
|                                 |         |         | 620,186 |
| Passenger—                      |         |         |         |
| Local tariffs.. . . . .         | 13,900  |         |         |
| Supplements.. . . . .           | 18,034  |         |         |
|                                 |         | 31,934  |         |
| Joint tariffs.. . . . .         | 11,417  |         |         |
| Supplements.. . . . .           | 19,243  |         |         |
|                                 |         | 30,660  |         |
| International tariffs.. . . . . | 22,436  |         |         |
| Supplements.. . . . .           | 44,747  |         |         |
|                                 |         | 67,183  |         |
|                                 |         |         | 129,777 |
| Express—                        |         |         |         |
| Local tariffs.. . . . .         | 5,867   |         |         |
| Supplements.. . . . .           | 55,567  |         |         |
|                                 |         | 61,434  |         |
| Joint tariffs.. . . . .         | 6,196   |         |         |
| Supplements.. . . . .           | 20,273  |         |         |
|                                 |         | 26,469  |         |
| International tariffs.. . . . . | 4,120   |         |         |
| Supplements.. . . . .           | 1,367   |         |         |
|                                 |         | 5,487   |         |
|                                 |         |         | 93,390  |
| Telephone—                      |         |         |         |
| Local tariffs.. . . . .         | 2,252   |         |         |
| Supplements.. . . . .           | 1,326   |         |         |
|                                 |         | 3,578   |         |
| Joint tariffs.. . . . .         | 3,212   |         |         |
| Supplements.. . . . .           | 15,275  |         |         |
|                                 |         | 18,487  |         |
| International tariffs.. . . . . | 429     |         |         |
| Supplements.. . . . .           | 9,715   |         |         |
|                                 |         | 10,144  |         |
|                                 |         |         | 32,209  |
| Telegraph—                      |         |         |         |
| Tariffs.. . . . .               | 153     |         |         |
| Supplements.. . . . .           | 160     |         |         |
|                                 |         | 313     | 313     |

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SCHEDULES RECEIVED FROM NOVEMBER 1, 1904, TO AND INCLUDING  
DECEMBER 31, 1919—*Concluded.*

|  |       |       |                     |
|--|-------|-------|---------------------|
| Sleeping and Parlour Car—                |       |       |                     |
| Local tariffs.. . . . .                  | 132   |       |                     |
| Supplements.. . . . .                    | 153   |       |                     |
|  | <hr/> | 285   |                     |
| Joint tariffs.. . . . .                  | 80    |       |                     |
| Supplements.. . . . .                    | 157   |       |                     |
|  | <hr/> | 237   |                     |
| International tariffs.. . . . .          | 178   |       |                     |
| Supplements.. . . . .                    | 519   |       |                     |
|  | <hr/> | 697   |                     |
|  |       | <hr/> | 1,219               |
| Combined totals, all schedules.. . . . . |       |       | <hr/> <hr/> 877,094 |

SCHEDULES RECEIVED FROM JANUARY 1, 1920, TO AND INCLUDING  
DECEMBER 31, 1920

|                                 |        |        |        |
|---------------------------------|--------|--------|--------|
| Freight—                        |        |        |        |
| Local tariffs.. . . . .         | 1,638  |        |        |
| Supplements.. . . . .           | 2,798  |        |        |
|                                 | <hr/>  | 4,436  |        |
| Joint tariffs.. . . . .         | 3,334  |        |        |
| Supplements.. . . . .           | 8,895  |        |        |
|                                 | <hr/>  | 12,229 |        |
| International tariffs.. . . . . | 5,632  |        |        |
| Supplements.. . . . .           | 19,659 |        |        |
|                                 | <hr/>  | 25,291 |        |
|                                 |        | <hr/>  | 41,956 |
| Passenger—                      |        |        |        |
| Local tariffs.. . . . .         | 1,430  |        |        |
| Supplements.. . . . .           | 1,675  |        |        |
|                                 | <hr/>  | 3,105  |        |
| Joint tariffs.. . . . .         | 1,697  |        |        |
| Supplements.. . . . .           | 2,281  |        |        |
|                                 | <hr/>  | 3,978  |        |
| International tariffs.. . . . . | 3,442  |        |        |
| Supplements.. . . . .           | 7,085  |        |        |
|                                 | <hr/>  | 10,527 |        |
|                                 |        | <hr/>  | 17,610 |
| Express—                        |        |        |        |
| Local tariffs.. . . . .         | 48     |        |        |
| Supplements.. . . . .           | 447    |        |        |
|                                 | <hr/>  | 495    |        |
| Joint tariffs.. . . . .         | 27     |        |        |
| Supplements.. . . . .           | 352    |        |        |
|                                 | <hr/>  | 379    |        |
| International tariffs.. . . . . | 91     |        |        |
| Supplements.. . . . .           | 1,182  |        |        |
|                                 | <hr/>  | 1,273  |        |
|                                 |        | <hr/>  | 2,147  |
| Telephone—                      |        |        |        |
| Local tariffs.. . . . .         | 151    |        |        |
| Supplements.. . . . .           | 476    |        |        |
|                                 | <hr/>  | 627    |        |
| Joint tariffs.. . . . .         | 118    |        |        |
| Supplements.. . . . .           | 4,932  |        |        |
|                                 | <hr/>  | 5,050  |        |
| International tariffs.. . . . . | ....   |        |        |
| Supplements.. . . . .           | ....   |        |        |
|                                 | <hr/>  | ....   |        |
|                                 |        | <hr/>  | 5,677  |
| Telegraph—                      |        |        |        |
| Tariffs.. . . . .               | 16     |        |        |
| Supplements.. . . . .           | 23     |        |        |
|                                 | <hr/>  | 39     |        |
|                                 |        | <hr/>  | 39     |

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SCHEDULES RECEIVED FROM JANUARY 1, 1920, TO AND INCLUDING  
DECEMBER 31, 1920—*Concluded.*

|  |       |               |
|--|-------|---------------|
| Sleeping and Parlour Car—                |       |               |
| Local tariffs . . . . .                  | 18    |               |
| Supplements . . . . .                    | 31    |               |
|  | <hr/> | 49            |
| Joint tariffs . . . . .                  | 29    |               |
| Supplements . . . . .                    | 37    |               |
|  | <hr/> | 66            |
| International tariffs . . . . .          | 29    |               |
| Supplements . . . . .                    | 87    |               |
|  | <hr/> | 109           |
|  |       | <hr/>         |
|  |       | 224           |
| Combined totals, all schedules . . . . . |       | 67,652        |
| Grand total . . . . .                    |       | <hr/> 944,747 |

SUMMARY OF TRAFFIC ORDERS OF GENERAL INTEREST ISSUED DURING THE YEAR ENDED  
DECEMBER 31, 1920

General Order No. 278, January 3, 1920.—Approves tariffs of express companies as filed with the Board.

General Order No. 279, January 5, 1920.—Requires the Canadian Freight Association, on behalf of railways subject to the Board, to restore rates on fresh fruits from Ontario and Quebec points to Winnipeg, Portage la Prairie and Brandon, Man., to the basis prescribed in order of the Board dated October 10, 1904, as increased by General Order No. 212, dated January 5, 1918, Order in Council P.C. 1863, dated July 27, 1918.

No. 29231, January 9, 1920.—Requires the Canadian Freight Association, on behalf of railways subject to the Board, to reinstate export rates to Seattle, and Tacoma, Wash.

No. 29263, January 10, 1920.—Approves Standard Freight Tariff C.R.C. No. 84 of the Fredericton and Grand Lake Coal and Railway Company.

No. 29264, January 10, 1920.—Approves Standard Mileage Freight Tariff C.R.C. No. 51 of the New Brunswick Coal and Railway.

No. 29267, January 13, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Barrie-Angue Telephone Company, operating in the county of Simcoe, Ont.

No. 29280, January 16, 1920.—Requires a reduction in the classification of electric light bulbs, l.c.l., from two times first-class to one and one-half times first-class.

No. 29281, January 16, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Heath Head and Grey Telephone Company, operating in the county of Grey, Ont.

No. 29293, January 23, 1920.—Approves Standard Freight Mileage Tariff C.R.C. No. 1 of the Toronto Suburban Railway Company.

No. 29309, January 26, 1920.—Authorizes railway companies to increase the charge for lining cars used for the carriage of flaxseed in bulk from \$3 to \$4 per car.

No. 29313, January 28, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Sydenham Union Telephone Company, operating in the county of Grey, Ont.

No. 29323, January 30, 1920.—Approves Standard Passenger Tariff C.R.C. No. 4 of the New Brunswick Coal and Railway.

No. 29328, February 2, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the New Glasgow Telephone Company operating in the county of Elgin, Ont.

No. 29357, February 10, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Brougham and Grafton Telephone Company, operating in the county of Renfrew, Ont.

No. 29360, February 10, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the East Woodville Telephone Company, operating in the county of Victoria, Ont.

No. 29370, January 30, 1920.—Approves Standard Passenger Tariff C.R.C. No. 4, of the Fredericton, and Grand Lake Coal & Railway Company.

No. 29398, February 24, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Goulais Bay Telephone Company, operating in the district of Algoma, Ont.

No. 29399, February 23, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Greenwood Telephone Association, Limited, operating in the district of Algoma, Ont.

No. 29400, February 24, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Corporation of the Township of Mornington, operating in the county of Perth, Ont.

General Order No. 284, March 8, 1920.—Permits an increase in the charge for the use of refrigerator cars.

No. 29436, March 2, 1920.—Reduces the classification of road graders from double first-class to one and one-half times first-class.

General Order No. 286, March 4, 1920.—Approves tariffs of telephone companies as filed with the Board.

No. 29439, March 9, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Pleasant View Telephone Company, operating in the county of Grey, Ont.

No. 29467, March 17, 1920.—Approves Supplement No. 1 to Standard Passenger Tariff C.R.C. No. 1 of the Ottawa Electric Railway Company.

General Order No. 287, March 22, 1920.—Amends regulation governing cylinders containing acetylene gas to be shipped by freight.

No. 29496, March 24, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Bethesda and Stouffville Telephone Company, operating in the counties of York and Ontario, Ont.

No. 29497, March 24, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Sebright Telephone Company, operating in the counties of Victoria and Ontario, Ont.

No. 29498, March 24, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the East Grey Telephone Company, operating in the county of Grey, Ont.

No. 29499, March 24, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Derby Telephone Company operating in the county of Grey, Ont.

No. 29507, March 24, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Lake Megantic Pulp Company, operating from the village of Milan to Pond Siding, in the county of Compton, Que.

No. 29512, April 1, 1920.—Prescribes bases for commutation fares.

No. 29523, April 3, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the La Compagnie de Telephone St. Camille, operating in the counties of Wolfe, Richmond and Sherbrooke, Que.

No. 29524, April 7, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Ardrea Telephone Company operating in the county of Simcoe, Ont.

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General Order No. 290, April 12, 1920.—Approves regulations to govern the issue and recording of free transportation by railway companies and make such regulations apply in so far as they are applicable to free transportation issued by express, telegraph and telephone companies.

No. 29528, April 12, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Victory Telephone Company, operating in the counties of Grey and Bruce, Ont.

No. 29529, April 12, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the La Compagnie de Telephone de Warwick, operating in the counties of Drummond and Arthabaska, Que.

No. 29530, April 12, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company, and the Sandwich West Co-operative Company, operating in the County of Essex, Ont.

No. 29532, April 12, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Ayr Rural Telephone Company, operating in the counties of Waterloo, Brant, and Oxford, Ont.

No. 29550, April 19, 1920.—Prescribes fares to be charged by the Ottawa Electric Railway Company.

No. 29557, April 20, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Manse Grove Telephone Association, operating in the county of Victoria, Ont.

General Order No. 292, April 22, 1920.—Approves tariffs of various railway companies increasing Standard Maximum Tariffs of Sleeping and Parlor Car Tolls.

No. 29571, April 26, 1920.—Authorizes the Montreal and Southern Counties Railway Company, to increase its passenger tariff by twenty per cent.

No. 29574, April 24, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the La Compagnie de Telephone de Notre Dame de Ham, operating in the county of Wolfe, Que.

No. 29580, April 28, 1920.—Approves Standard Passenger Tariff C.R.C. No. 24 of the Montreal and Southern Counties Railway Company.

No. 29581, April 27, 1920.—Approves with certain exceptions Supplement No. 2 to Express Classification for Canada No. 4.

No. 29583, April 27, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Pioneer Telephone Company, operating in the county of Oxford, Ont.

No. 29585, April 16, 1920.—Approves Supplement No. 13 to Canadian Freight Classification No. 16.

General Order No. 294, April 30, 1920.—Prescribes increased allowance for car doors furnished by shippers.

No. 29604, April 30, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Bobcaygeon Rural Telephone Company, operating in the counties of Victoria and Peterborough, Ont.

No. 29605, April 30, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Ingleside Telephone Company, operating in the county of Oxford, Ont.

No. 29606, April 30, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Spring Creek Telephone Company, operating in the county of Oxford, Ont.

No. 29620, May 12, 1920.—Approves Standard Passenger Tariff C.R.C. No. 1 of the Woodstock, Thames Valley and Ingersoll Electric Railway Company.

No. 29624, May 6, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Jackson Telephone Company, operating in the county of Grey, Ont.

No. 29625, May 6, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Molesworth Independent Telephone Company, operating in the counties of Perth and Huron, Ont.

No. 29629, May 10, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Central Dufferin Telephone Association, Limited, operating in the county of Dufferin, Ont.

No. 29630, May 10, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Penhurst Telephone Company, operating in the county of Oxford, Ont.

General Order No. 296, May 15, 1920.—Approves regulations for the transportation by express of acids, inflammables, etc., and requires the carriage of laboratory samples of explosives.

No. 29659, May 21, 1920.—Approves Standard Freight Tariff C.R.C. No. E-115 of the Canadian National Railways (Halifax & Southwestern Division).

General Order No. 298, June 2, 1920.—Prescribes forms of contract for the carriage of live stock by freight.

No. 29697, June 2, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Mississippi Telephone Company, operating in the county of Lanark, Ont.

No. 29700, June 2, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Fraser Telephone Company, operating in the county of Oxford, Ont.

No. 29701, June 2, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the South Diagonal Telephone Company, operating in the county of Grey, Ont.

No. 29708, June 2, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Falkirk Telephone Company, operating in the county of Middlesex, Ont.

General Order No. 299, June 5, 1920.—Approves Telegraph tariffs of advanced rates in Canada and to points in the United States to become effective June 14, 1920.

No. 29720, June 8, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Riverside Telephone Company, operating in the county of Oxford, Ont.

No. 29721, June 8, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Brant Telephone Company, operating in the county of Bruce, Ont.

No. 29722, June 8, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Admaston Rural Telephone Association, operating in the county of Renfrew, Ont.

No. 29733, June 9, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Port Hope Telephone Company, operating in the county of Durham, Ont.

No. 29734, June 10, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Dunsford Telephone, Light & Power Co-operative Association, operating in the county of Victoria, Ont.

No. 29738, June 12, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Point Mara Telephone Company, operating in the county of Ontario, Ont.

No. 29745, June 11, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Uptergrove Telephone Company, operating in the county of Ontario, Ont.

No. 29749, June 15, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Dingwall Telephone Company, operating in the county of Oxford, Ont.



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No. 29768, June 18, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Corporation of the Township of Osprey, operating in the county of Grey, Ont.

No. 29786, June 24, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Lanark & Carleton Counties Telephone Company, operating in the counties of Lanark and Carleton, Ont.

No. 29787, June 24, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Excelsior Telephone Company, operating in the county of Oxford, Ont.

No. 29790, June 24, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Mapleshade Telephone Company, operating in the county of Oxford, Ont.

No. 29791, June 24, 1920. Approves agreement for interchange of telephone service between the Bell Telephone Company and the Goodwood Rural Telephone Company, operating in the counties of Lanark and Carleton, Ont.

No. 29797, June 25, 1920.—Approves increased rates published in Western Union Telegraph Company's Tariff C.R.C. No. 8, to become effective June 28, 1920.

No. 29806, June 24, 1920.—Approves Supplement No. 2 to Northern Pacific Standard Tariff of Maximum Parlour Car Tolls C.R.C. No. S-6.

No. 29811, June 26, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the North Renfrew Telephone Company, operating in the county of Renfrew, Ont.

No. 29813, June 28, 1920.—Approves Standard Passenger Tariff C.R.C. No. 5 of the Cumberland Railway and Coal Company.

No. 29814, June 28, 1920.—Approves Standard Freight Mileage Tariff C.R.C. No. 10 of the Cumberland Railway and Coal Company.

No. 29817, June 29, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Fairview Telephone Company, operating in the county of Oxford, Ont.

No. 29849, June 30, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Hogg & Lytle, Limited, operating in the county of Victoria, Ont.

No. 29852, July 13, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Birch Lake Telephone Company, operating in the district of Sudbury, Ont.

No. 29854, July 13, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Desboro Telephone Company, operating in the county of Grey, Ont.

No. 29855, July 13, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Oro Telephone Company, operating in the county of Simcoe, Ont.

No. 29864, July 17, 1920.—Approves Standard Passenger Tariff C.R.C. No. 1 of the Toronto Suburban Railway Company.

No. 29865, July 10, 1920.—Prescribes students or scholars commutation rates for the Toronto Radial and the Brantford and Hamilton Electric Railway Companies.

No. 29899, July 14, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Rose Telephone Company, operating in the district of Algoma, Ont.

No. 29903, July 20, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Rydal Bank-Plummer Telephone Company, operating in the district of Algoma, Ont.

No. 29904, July 13, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Eldon Union Telephone Association, operating in the counties of Victoria and Ontario, Ont.

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No. 29908, July 14, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Zorra Telephone Company, operating in the county of Oxford, Ont.

No. 29931, July 27, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Montreal (Ontario) Telephone Company, operating in the county of Ontario, Ont.

No. 29934, July 27, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Aberdeen, Plummer, Centre Line Telephone Association, operating in the district of Algoma, Ont.

No. 29952, July 31, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Back Line Telephone Company, operating in the county of Dufferin, Ont.

No. 29953, July 31, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the South Norfolk Telephone Company, operating in the county of Norfolk, Ont.

No. 29962, July 31, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Halton Telephone Company, operating in the county of Halton, Ont.

No. 29978, August 12, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Corporation of the Township of Colchester North, operating the Colchester North Municipal Telephone System, in the county of Essex, Ont.

General Order No. 303, August 13, 1920.—Authorizes, with the exception of coal and coke, increases in the Canadian proportion of International freight rates in both directions to the same extent as rates were increased within the United States, effective on and after August 26, 1920.

No. 29984, August 13, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the New Dundee Rural Telephone Company, operating in the counties of Waterloo and Oxford, Ont.

No. 29987, August 14, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Bexley Telephone Company, operating in the county of Victoria, Ont.

No. 29991, August 14, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Arundel Development Company, operating in the counties of Terrebonne, Argenteuil and Ottawa, Que.

No. 29992, August 14, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Rutherglen Rural Telephone Company, operating in the district of Nipissing, Ont.

No. 30002, August 16, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Corporation of the Township of Dover, operating a telephone system known as the Dover Municipal Telephone System, in the county of Kent, Ont.

General Order No. 304, August 19, 1920.—Permits increases in export freight rates to Atlantic ports from stations in Canada so as to preserve the relationship between the export rates from points in the United States. Such increased rates to become effective on and after August 26, 1920.

No. 30047, August 28, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Chapeau Rural Telephone Company, operating in the county of Pontiac, Que.

No. 30063, September 3, 1920.—Approves conditions governing the acceptance of messages for the United Kingdom routed via Marconi Wireless.

General Order No. 308, September 9, 1920.—Authorizes a general increase in freight rates on steam railways of 40 per cent in Eastern Canada and 35 per cent in Western Canada until January 1, 1921, when the increase in Eastern Canada is to be

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35 per cent and in Western Canada 30 per cent. No increase allowed on crushed stone, sand and gravel. An increase of 10 per cent on cordwood for fuel and varying rates per ton on coal from 10 cents to 20 cents.

General Order No. 309, September 9, 1920.—Approves the Standard Freight and Passenger Tariffs of various railways filed under permission of General Order No. 308.

General Order No. 310, September 15, 1920.—Approves the Standard Freight and Passenger Tariffs of various railways filed under permission of General Order No. 309.

No. 30122, September 21, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Peerless Telephone Company, operating in the county of Oxford, Ont.

General Order No. 311, September 23, 1920.—Approves Standard Freight Tariffs of various railways filed under permission of General Order No. 308.

No. 30138, September 24, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Bromley Telephone Association, operating in the county of Renfrew, Ont.

No. 30142, September 25, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Farmers Telephone Company, operating in the counties of Chateaufort, Huntingdon, Beauharnois, and St. Johns, Que.

No. 30164, October 4, 1920.—Approves supplement No. 2 to Standard Passenger Tariff C.R.C. No. 214 of the Maine General Railroad Company.

No. 30178, October 4, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Bonfield Telephone Company, operating in the district of Nipissing, Ont.

No. 30179, October 4, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Corporation of the Township of Emily, operating in the county of Victoria, Ont.

No. 30216, October 12, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Corporation of the Township of Ennismore, operating in the county of Peterborough, Ont.

No. 30231, October 14, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Forest Home Telephone Company, operating in the county of Simcoe, Ont.

No. 30234, October 14, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Le Telephone Somerset (Incorporée), operating in the county of Megantic, Que.

No. 30237, October 21, 1920.—Approves Dominion Atlantic Railway Company's Form of release from liability for damage by frost.

No. 30238, October 21, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Brockville Road Rural Telephone Company, operating in the county of Leeds, Ont.

No. 30241, October 21, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Corporation of the Village of Blyth, operating in the county of Huron, Ont.

No. 30274, October 27, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the R. H. Edgar (Edgar Telephone System), operating in the county of Dufferin, Ont.

No. 30284, November 1, 1920.—Approves Supplement No. 1 to Standard Passenger Tariff C.R.C. No. 5 of the Cumberland Railway and Coal Company.

No. 30285, November 1, 1920.—Approves Supplement No. 1 to Standard Freight Mileage Tariff C.R.C. No. 10 of the Cumberland Railway and Coal Company.

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No. 30293, November 1, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Corporation of the Township of Tyendinaga, operating in the county of Hastings, Ont.

No. 30298, November 8, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Ben Allen Telephone Company, operating in the county of Grey, Ont.

No. 30303, November 9, 1920.—Approves Standard Freight Mileage Tariff C.R.C. No. B-11 of the Western Canada Power Company (Stave Lake Railway).

No. 30308, November 9, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Corporation of the Township of Brooke, operating in the counties of Lambton and Middlesex, Ont.

No. 30313, November 9, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Centre Thorah Telephone Association, operating in the county of Ontario, Ont.

No. 30343, November 18, 1920.—Approves agreement for interchange of telephone Service between the Bell Telephone Company and the Bond's Corners Telephone Company, operating in the county of Oxford, Ont.

No. 30368, November 26, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Omomee Telephone Company, operating in the counties of Victoria and Durham, Ont.

No. 30371, November 26, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the South McNaughton Telephone Company, operating in the county of Renfrew, Ont.

No. 30376, November 29, 1920.—Approves Supplement No. 1 to Standard Freight Mileage Tariff C.R.C. No. 132 of the British Columbia Electric Railway Company.

General Order No. 319, November 30, 1920.—Declares proper charge for milling-in-transit within Canada of grain, the product of which is re-shipped to the United States, was 1 cent per 100 pounds on and after August 26, 1920.

No. 30382, November 30, 1920.—Approves Standard Passenger Tariff C.R.C. No. 42 of the Chatham, Wallaceburg and Lake Erie Railway Company.

No. 30383, November 30, 1920.—Approves Supplement No. 1 to Standard Freight Mileage Tariff C.R.C. No. 576 of the Chatham, Wallaceburg and Lake Erie Railway Company.

No. 30392, November 30, 1920.—Approves Standard Freight Mileage Tariff C.R.C. No. 269 of the Windsor, Essex and Lake Shore Rapid Railway Company.

No. 30409, December 2, 1920.—Approves Supplement No. 1 to Standard Passenger Tariff C.R.C. No. 8 of the British Columbia Electric Railway Company.

General Order No. 320.—Requires express companies to carry pasteurized cream at the same rate as in effect for ordinary cream.

No. 30433, December 9, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the O'Connell-Rathburn Telephone Company, operating in the county of Ontario, Ont.

No. 30434, December 9, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Wahnapiatae Power Company, operating in the district of Sudbury, Ont.

No. 30435, December 13, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Air Board, operating in the county of Simcoe, Ont.

General Order No. 323, December 14, 1920.—Approves Supplements to Standard Passenger Tariff of various railways to become effective January 1, 1921, on the reduced basis prescribed by General Order No. 308.

General Order No. 324, December 14, 1920.—Approves reduced Standard Freight Mileage Tariffs to become effective January 1, 1921, on the basis prescribed by General Order No. 308.

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No. 30438, December 14, 1920.—Approves Standard Passenger Tariff C.R.C. No. 6, of the Cumberland Railway and Coal Company.

No. 30446, December 17, 1920.—Prescribes the basis for rates on fish, carloads, by express from Riverton and Gimli, Man., to stations in the United States.

No. 30456, December 16, 1920.—Approves agreement for interchange of telephone service between the Bell Telephone Company and the Purbrook and Fraserburg Telephone Company, operating in the district of Muskoka, Ont.

No. 30483, December 21, 1920.—Approves agreement for interchange of telephone Service between the Bell Telephone Company and the La Compagnie de Telephone Locale de D'Israeli, operating in the county of Wolfe, Que.

I have the honour to be, sir,

Your obedient servant,

J. HARDWELL,  
*Chief Traffic Officer.*

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**APPENDIX "C"****REPORT OF THE OPERATING DEPARTMENT FOR THE YEAR ENDING  
DECEMBER 31, 1920**

March 8, 1921.

DEAR SIR:—I have the honour to submit herewith, for the Board's Sixteenth Annual report, a synopsis of work performed by the Operating Department during the twelve months ending December 31, 1920.

**REPORTING AND INVESTIGATING OF ACCIDENTS ATTENDED BY PERSONAL INJURY OR LOSS OF LIFE**

During the twelve months accidents to the number of 2,093, covering 254 persons killed and 2,330 persons injured were reported to the Board by the various railway companies under its jurisdiction. For particulars, attention is directed to statements 1, 3 and 4.

A perusal of statements Nos. 2, 5 and 6, which are comparative statements of the killed and injured, as between passengers, employees and others; class of accident and railways, reveals an increase of 31 persons killed and 828 persons injured over the preceding nine months.

Out of a total of 2,093 accidents reported, as above referred to, 1,344 were investigated, covering 240 persons killed and 1,606 injured. Statements Nos. 7, 8, 9 and 10 set out in detail the investigations made as regards collisions, derailments, highway crossing accidents, also accidents the result of working on or under engines. These four statements show a total of 519 investigations covering 106 persons killed and 841 persons injured. The remainder of the investigations, which number 825, covering 134 persons killed and 765 persons injured, are spread over accidents covered by the various other headings referred to in statements Nos. 3, 4 and 5.

It will be observed that out of the total of 254 persons killed and 2,330 injured, there were trespassers to the number of 73 killed and 120 injured. In this connection reference is made to statement No. 15 which shows the number killed and injured by railways and provinces.

The matter of highway crossing accidents, protection provided, etc., is set out in detail in statements Nos. 3, 4, 5, 9, 11, 12, 13, 14 and 15.

It is pointed out that the number of accidents at highway crossings involving automobile traffic is on the increase. A perusal of statement No. 15 shows that there have been 332 accidents in this respect between April 1, 1916, and December 31, 1920, made up as follows: 26 in 1917, 54 in 1918, 66 in 1919, 60 in 1919 (9 months period), and 116 in 1920.

**INSPECTION OF SAFETY APPLIANCES**

The work in this connection is largely carried on under the provisions of section 298 of the Act and General Order No. 102. The year's work is set out in detail in statements Nos. 19, 20, 21A and B. It is needless to say that the inspection of 66,108 cars entails considerable time and labour, both as regards field work, and the resultant checking, recording and filing of the numerous reports, in addition to the correspondence necessary in following up with a view to having the railway companies take the necessary action to have the defects remedied. The inspection of 66,108 cars produced 3,135 defective cars (4.74 per cent) with defects totalling 3,770.

**INSPECTION OF MOTIVE POWER**

This division of the work embraces the entire locomotive and tender, and is carried out under sections 298, 299, 300 and 301 of the Railway Act and General Orders Nos. 12, 31, 66, 78, 102, 107, 131, 171, 199, 226, 289 and 293.

Under General Order No. 78, the so-called "Boiler Inspection Order," some 66,000 report forms comprising the monthly and annual inspections of locomotive boilers and appurtenances were filed during the year.

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During the year locomotives to the number of 9,146 were inspected with defective engines totalling 1,235 (13 per cent) and total defects of 1,518. For details reference is made to statement No. 22.

The checking and recording of the above mentioned forms and reports, together with the correspondence involved, naturally creates an extensive line of work.

INSPECTION OF PASSENGER EQUIPMENT, STATION BUILDINGS AND PREMISES

This work comprises features of safety, cleanliness, accommodation, etc. A large number of matters have been brought to the attention of the proper officials with beneficial results.

APPLICATIONS AND COMPLAINTS RE TRAIN AND STATION SERVICE, HIGHWAY CROSSING PROTECTION, STATION LOCATIONS, CAR SUPPLY, ETC., ETC.

The work under this heading covers a wide range of subjects, and entails, in many instances, a considerable amount of inquiry and research. During the year complaints and applications numbering in the neighbourhood of 1,000 were inquired into and reported upon.

In conclusion it might be stated that in order to accomplish the work briefly outlined above it has necessitated the travelling of the staff of this department, approximately, 400,000 miles.

Yours faithfully,

GEO. SPENCER,

*Chief Operating Officer.*

Mr. A. D. CARTWRIGHT,  
Secretary, B.R.C.

No. 1.—STATEMENT showing number of passengers, employees and others, killed and injured on the various railways in Canada, under the Board's jurisdiction, for the twelve months ending December 31, 1920.

| Name of Railway                      | Passengers |         | Employees |         | Others |         | Total  |         |
|--------------------------------------|------------|---------|-----------|---------|--------|---------|--------|---------|
|                                      | Killed     | Injured | Killed    | Injured | Killed | Injured | Killed | Injured |
| Grand Trunk.....                     | 2          | 161     | 21        | 558     | 47     | 147     | 70     | 866     |
| Canadian Pacific.....                | 12         | 126     | 32        | 261     | 66     | 122     | 110    | 509     |
| Canadian National.....               | 2          | 64      | 17        | 596     | 24     | 72      | 43     | 732     |
| Quebec, Montreal and Southern.....   |            | 3       |           | 8       | 1      | 3       | 1      | 14      |
| Dominion Atlantic.....               |            |         | 1         | 3       |        |         | 1      | 3       |
| Wabash.....                          |            |         |           | 10      |        |         |        | 10      |
| Hull Electric.....                   |            |         |           | 1       | 1      |         | 1      | 1       |
| New York Central.....                |            | 4       |           | 4       |        | 2       |        | 10      |
| Napierville Jet.....                 |            |         |           |         | 4      | 2       | 4      | 2       |
| Grand River.....                     |            | 2       |           | 1       |        | 4       |        | 5       |
| Toronto, Hamilton and Buffalo.....   |            |         | 1         | 12      |        | 4       | 1      | 16      |
| Kettle Valley.....                   | 1          | 2       |           | 10      |        | 1       | 1      | 13      |
| Michigan Central.....                |            |         | 2         | 32      | 5      | 5       | 7      | 37      |
| Algoma Central and Hudson Bay.....   |            |         |           | 1       |        |         |        | 1       |
| Maine Central.....                   |            |         |           |         | 1      |         | 1      |         |
| Algoma Eastern.....                  |            |         |           |         |        | 1       |        | 1       |
| Montreal and Southern Counties.....  |            | 2       |           |         |        |         |        | 2       |
| British Columbia Electric.....       |            |         |           |         |        |         |        |         |
| Brantford and Hamilton Electric..... |            |         | 1         | 3       | 1      | 1       | 1      | 5       |
| Central Vermont.....                 |            | 3       |           |         |        |         |        | 3       |
| Windsor, Essex and Lake Shore.....   |            |         |           | 1       |        | 1       |        | 2       |
| Lake Erie and Northern.....          |            | 1       |           | 2       |        | 2       |        | 5       |
| Grand Trunk Pacific.....             |            |         | 4         | 29      | 2      |         | 6      | 30      |
| Hamilton Radial.....                 |            | 4       |           | 2       | 2      | 3       | 2      | 9       |
| Vancouver, Victoria and Eastern..... |            | 5       |           | 30      |        | 3       |        | 38      |
| Pere Marquette.....                  |            |         |           | 3       |        | 5       |        | 8       |
| Quebec Oriental.....                 |            |         | 1         | 1       |        |         | 1      | 1       |
| Esquimalt and Nanaimo.....           |            | 1       |           | 2       | 1      | 2       | 1      | 5       |
| Midland.....                         |            |         |           |         |        | 1       |        | 1       |
|                                      | 17         | 379     | 80        | 1,570   | 157    | 381     | 254    | 2,330   |

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No. 2.—COMPARATIVE STATEMENT of killed and injured during nine months ending December 31, 1919, and twelve months ending December 31, 1920.

|                                    | Passengers |         | Employees |         | Others |         | Total  |         |
|------------------------------------|------------|---------|-----------|---------|--------|---------|--------|---------|
|                                    | Killed     | Injured | Killed    | Injured | Killed | Injured | Killed | Injured |
| Nine months ending Dec. 31, 1919   | 4          | 274     | 91        | 951     | 128    | 277     | 223    | 1,502   |
| Twelve months ending Dec. 31, 1920 | 17         | 379     | 80        | 1,570   | 157    | 381     | 254    | 2,330   |
| Increase                           | 13         | 105     | 11        | 619     | 29     | 104     | 31     | 828     |
| Decrease                           |            |         |           |         |        |         |        |         |

No. 3.—STATEMENT showing separately the number of passengers, employees and others killed and injured, and the nature of the accidents, for twelve months ending December 31, 1920.

| Character of Accidents  | Passengers |         | Employees |         | Others |         | Total  |         |
|---|------------|---------|-----------|---------|--------|---------|--------|---------|
|   | Killed     | Injured | Killed    | Injured | Killed | Injured | Killed | Injured |
| Derailment  |            | 174     | 10        | 138     | 1      | 4       | 11     | 316     |
| Collision, head-on  |            | 16      |           | 50      |        |         |        | 66      |
| Collision, rear-end   | 8          | 31      | 2         | 25      | 4      | 2       | 14     | 58      |
| Collision in yard   |            | 1       | 2         | 41      |        | 3       | 2      | 45      |
| Collision with cars standing foul                                 |            | 1       |           | 3       |        |         |        | 4       |
| Collision with cars account open switch                           |            | 4       |           | 17      |        |         |        | 21      |
| Collision at level (diamond) crossing                             |            | 4       |           |         |        |         |        | 4       |
| Public highway crossing protected by gates                        |            |         |           |         | 6      | 14      | 6      | 14      |
| Public highway crossing protected by bell                         |            |         |           | 2       | 6      | 27      | 6      | 29      |
| Public highway crossing protected by watchman                     |            |         | 1         |         | 3      | 8       | 4      | 8       |
| Public highway crossing unprotected                               |            |         |           |         | 52     | 164     | 52     | 164     |
| Private crossing  |            |         |           |         | 2      | 10      | 2      | 10      |
| Trespassing   |            |         | 1         | 4       | 72     | 116     | 73     | 120     |
| Working on or under engine  |            |         | 3         | 232     |        |         | 3      | 232     |
| Miscellaneous   |            | 63      | 1         | 293     | 6      | 20      | 7      | 376     |
| Adjusting couplers, coupling and uncoupling                       |            |         | 6         | 101     |        |         | 6      | 101     |
| Run down by engine or car between stations                        |            |         | 9         | 8       |        |         | 9      | 8       |
| Falling off hand car, motor or velocipede                         |            |         | 1         | 49      |        |         | 1      | 49      |
| Hand car, motor, velocipede struck by train                       |            | 1       | 6         | 42      |        | 1       | 6      | 44      |
| Crawling under cars   |            |         |           | 1       |        |         |        | 1       |
| Crawling between cars over couplers                               |            |         | 1         | 8       | 1      |         | 2      | 8       |
| Passing between cars between couplers                             |            |         | 2         | 3       |        |         | 2      | 3       |
| Struck by cars standing foul                                      |            |         |           | 10      |        |         |        | 10      |
| Struck by switchstand, waterspout, mail crane, etc.               |            |         |           | 43      |        |         |        | 43      |
| Crushed between cars and buildings, lumber piles, platforms, etc. |            |         |           | 16      |        |         |        | 16      |
| Explosion of locomotive boiler                                    |            |         |           |         |        |         |        |         |
| Falling off passenger train                                       | 1          | 18      | 2         | 5       |        | 1       | 3      | 24      |
| Falling off tender while handling coal                            |            |         |           | 2       |        |         |        | 2       |
| Falling off tender while taking water                             |            |         |           | 9       |        |         |        | 9       |
| Industrial  |            |         | 2         | 58      |        |         | 2      | 58      |



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No. 3.—STATEMENT showing separately the number of passengers, employees and others killed and injured, and the nature of the accidents, for twelve months ending December 31, 1920.—*Concluded.*

| Character of Accidents   | Passengers |         | Employees |         | Others |         | Total  |         |
|--|------------|---------|-----------|---------|--------|---------|--------|---------|
|  | Killed     | Injured | Killed    | Injured | Killed | Injured | Killed | Injured |
| Riding on pilot or foot board of engine.....                     |            |         | 2         | 16      |        |         | 2      | 16      |
| Overhead obstruction.....  |            |         |           | 3       |        |         |        | 3       |
| Repairing cars on repair track when moved.....                   |            |         |           |         |        |         |        |         |
| Falling off top of car.....                                      |            |         | 3         | 33      |        |         | 3      | 33      |
| Falling between cars.....  |            |         | 3         | 2       |        |         | 3      | 2       |
| Application of air brake.....                                    |            | 7       |           | 46      |        |         |        | 53      |
| Jumping off train in motion.....                                 | 4          | 31      |           | 30      |        | 1       | 4      | 62      |
| Attempt to board train in motion.....                            |            | 25      |           | 30      |        | 2       |        | 57      |
| Washout.....   |            |         | 1         | 2       |        |         | 1      | 2       |
| Bridge gave way or destroyed by fire.....                        |            |         |           |         |        | 1       | 2      | 2       |
| Electrocuted.....  |            |         |           |         |        |         |        |         |
| Run down by engine or cars at stations or in yards.....          | 4          | 3       | 19        | 69      | 3      | 4       | 26     | 76      |
| Passing too close around end of string of cars.....              |            |         |           |         |        |         |        |         |
| Caught in frog, guard rail, or switch rod.....                   |            |         |           | 3       |        |         |        | 3       |
| Caught by engine or car while throwing switch.....               |            |         |           | 4       |        |         |        | 4       |
| Falling off side and end ladders of cars.....                    |            |         |           | 23      |        |         |        | 23      |
| Falling off car while working hand brake.....                    |            |         | 2         | 29      |        |         | 2      | 29      |
| Asphyxiated in tunnel.....                                       |            |         |           |         |        |         |        |         |
| Handling freight and baggage.....                                |            |         |           | 33      |        |         |        | 33      |
| Loading and unloading O.C.S. material.....                       |            |         |           | 36      |        |         |        | 36      |
| Staking or poling cars.....                                      |            |         |           | 1       |        |         |        | 1       |
| Working in coal chute.....                                       |            |         |           | 8       |        |         |        | 8       |
| Cars moved while being loaded or unloaded.....                   |            |         |           | 13      |        | 2       |        | 15      |
| Drawbridge open.....   |            |         |           |         |        |         |        |         |
| Carmen working on or under cars on running track when moved..... |            |         |           | 16      |        |         |        | 16      |
| Chaining and unchaining cars.....                                |            |         |           | 1       |        |         |        | 1       |
| Coupling and uncoupling hose and turning angle cock.....         |            |         | 1         | 12      |        |         | 1      | 12      |
|  | 17         | 379     | 80        | 1,570   | 157    | 381     | 254    | 2,330   |











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|  |   |  |  |  |    |   |   |   |    |   |   |  |  |  |  |  |    |  |   |  |   |   |   |   |   |   |   |  |  |     |  |  |       |  |    |    |    |
|--|---|--|--|--|----|---|---|---|----|---|---|--|--|--|--|--|----|--|---|--|---|---|---|---|---|---|---|--|--|-----|--|--|-------|--|----|----|----|
| Falling off side and end ladders of cars.....                    |   |  |  |  |    |   |   |   |    |   |   |  |  |  |  |  |    |  |   |  |   |   |   |   |   |   |   |  |  |     |  |  |       |  |    |    | 23 |
| Falling off car while working hand brake.....                    |   |  |  |  |    |   |   |   |    |   |   |  |  |  |  |  |    |  |   |  |   |   |   |   |   |   |   |  |  |     |  |  |       |  |    | 29 |    |
| Asphyxiated in tunnel.....                                       |   |  |  |  |    |   |   |   |    |   |   |  |  |  |  |  |    |  |   |  |   |   |   |   |   |   |   |  |  |     |  |  |       |  |    | 33 |    |
| Handling freight and baggage.....                                |   |  |  |  |    |   |   |   |    |   |   |  |  |  |  |  |    |  |   |  |   |   |   |   |   |   |   |  |  |     |  |  |       |  |    | 36 |    |
| Loading and unloading O.C.S. material.....                       |   |  |  |  |    |   |   |   |    |   |   |  |  |  |  |  |    |  |   |  |   |   |   |   |   |   |   |  |  |     |  |  |       |  |    | 1  |    |
| Staking or piling cars.....                                      |   |  |  |  |    |   |   |   |    |   |   |  |  |  |  |  |    |  |   |  |   |   |   |   |   |   |   |  |  |     |  |  |       |  | 8  |    |    |
| Working in coal chute.....                                       |   |  |  |  |    |   |   |   |    |   |   |  |  |  |  |  |    |  |   |  |   |   |   |   |   |   |   |  |  |     |  |  |       |  | 15 |    |    |
| Cars moved while being loaded or unloaded.....                   |   |  |  |  |    |   |   |   |    |   |   |  |  |  |  |  |    |  |   |  |   |   |   |   |   |   |   |  |  |     |  |  |       |  | 16 |    |    |
| Draw bridge open.....  |   |  |  |  |    |   |   |   |    |   |   |  |  |  |  |  |    |  |   |  |   |   |   |   |   |   |   |  |  |     |  |  |       |  | 1  |    |    |
| Carmen working on or under cars on running track when moved..... |   |  |  |  |    |   |   |   |    |   |   |  |  |  |  |  |    |  |   |  |   |   |   |   |   |   |   |  |  |     |  |  |       |  | 12 |    |    |
| Chaining and unchaining cars.....                                |   |  |  |  |    |   |   |   |    |   |   |  |  |  |  |  |    |  |   |  |   |   |   |   |   |   |   |  |  |     |  |  |       |  | 1  |    |    |
| Coupling and uncoupling hose and turning angle cock.....         |   |  |  |  |    |   |   |   |    |   |   |  |  |  |  |  |    |  |   |  |   |   |   |   |   |   |   |  |  |     |  |  |       |  | 1  |    |    |
| Total.....   | 2 |  |  |  | 30 | 6 | 5 | 6 | 30 | 2 | 9 |  |  |  |  |  | 38 |  | 8 |  | 1 | 1 | 1 | 1 | 1 | 5 | 1 |  |  | 254 |  |  | 2,330 |  |    |    |    |

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No. 5.—COMPARATIVE STATEMENT in totals of killed and injured during nine months ending December 31, 1919, and twelve months ending December 31, 1920.

| Character of Accidents  | 9 months<br>1919 |       | 12 months<br>1920 |       | 1920     |     |          |     |
|---|------------------|-------|-------------------|-------|----------|-----|----------|-----|
|   | K.               | I.    | K.                | I.    | Increase |     | Decrease |     |
|   |                  |       |                   |       | K.       | I.  | K.       | I.  |
| Derailment.....   | 13               | 247   | 11                | 316   |          |     |          |     |
| Collision, head-on.....   | 4                | 85    |                   | 66    |          | 69  | 2        |     |
| Collision, rear-end.....  | 1                | 15    | 14                | 58    | 13       | 43  | 4        | 19  |
| Collision in yard.....  |                  | 21    | 2                 | 45    | 2        | 24  |          |     |
| Collision with cars standing foul.....                                |                  | 1     |                   | 4     |          | 3   |          |     |
| Collision with cars account open switch.....                          | 2                | 20    |                   | 21    |          | 1   | 2        |     |
| Collision at level (diamond) crossing.....                            |                  | 3     |                   | 4     |          | 1   |          |     |
| Public highway crossing protected by gates.....                       | 4                | 9     | 6                 | 14    | 2        | 5   |          |     |
| Public highway crossing protected by bell.....                        | 4                | 7     | 6                 | 29    | 2        | 22  |          |     |
| Public highway crossing protected by watchman.....                    | 4                | 9     | 4                 | 8     |          |     |          | 1   |
| Public highway crossing unprotected.....                              | 36               | 138   | 52                | 164   | 16       | 26  |          |     |
| Private crossing.....   | 3                | 13    | 2                 | 10    |          |     | 1        | 3   |
| Trespassing.....  | 64               | 68    | 73                | 120   | 9        | 52  |          |     |
| Working on or under engine.....                                       |                  | 97    | 3                 | 232   | 3        | 135 |          |     |
| Miscellaneous.....  | 12               | 237   | 7                 | 376   |          | 139 | 5        |     |
| Adjusting couplers, coupling and uncoupling.....                      | 3                | 59    | 6                 | 101   | 3        | 42  |          |     |
| Run down by engine or car between stations.....                       |                  |       | 9                 | 8     | 9        | 8   |          |     |
| Falling off hand car, motor, or velocipede.....                       | 5                | 49    | 1                 | 49    |          |     | 4        |     |
| Hand car, motor, velocipede struck by train.....                      | 7                | 8     | 6                 | 44    |          | 36  | 1        |     |
| Crawling under cars.....  |                  | 1     |                   | 1     |          |     |          |     |
| Crawling between cars over couplers.....                              |                  | 4     | 2                 | 8     | 2        | 4   |          |     |
| Passing between cars between couplers.....                            | 1                | 2     | 2                 | 3     | 1        | 1   |          |     |
| Struck by cars standing foul.....                                     | 2                | 4     |                   | 10    |          | 6   | 2        |     |
| Struck by switch stand, water spout, mail crane, etc.....             |                  | 25    |                   | 43    |          | 18  |          |     |
| Crushed between cars and buildings, lumber piles, platforms, etc..... |                  | 6     |                   | 16    |          | 10  |          |     |
| Explosion of locomotive boiler.....                                   |                  |       |                   |       |          |     |          |     |
| Falling off passenger train.....                                      | 1                | 17    | 3                 | 24    | 2        | 7   |          |     |
| Falling off tender while handling coal.....                           | 1                | 3     |                   | 2     |          |     | 1        | 1   |
| Falling off tender while taking water.....                            |                  | 8     |                   | 9     |          | 1   |          |     |
| Industrial.....   | 3                | 18    | 2                 | 58    |          | 40  | 1        |     |
| Riding on pilot or foot board of engine.....                          | 2                | 14    | 2                 | 16    |          | 2   |          |     |
| Overhead obstruction.....   |                  | 8     |                   | 3     |          |     |          | 5   |
| Repairing cars on repair track when moved by engine.....              |                  | 1     |                   |       |          |     |          | 1   |
| Falling off top of car.....   | 7                | 37    | 3                 | 33    |          |     | 4        | 4   |
| Falling between cars.....   | 1                | 5     | 3                 | 2     | 2        |     |          | 3   |
| Application of air brake.....   | 1                | 18    |                   | 53    |          | 35  | 1        |     |
| Jumping off train in motion.....                                      | 1                | 54    | 4                 | 62    | 3        | 8   |          |     |
| Attempt to board train in motion.....                                 | 1                | 31    |                   | 57    |          | 26  | 1        |     |
| Washout.....  |                  |       | 1                 | 2     | 1        | 2   |          |     |
| Bridge gave way or destroyed by fire.....                             |                  |       | 1                 | 2     | 1        | 2   |          |     |
| Electrocuted.....   |                  |       |                   |       |          |     |          |     |
| Run down by engine or cars at stations or in yards.....               | 27               | 41    | 26                | 76    |          | 35  | 1        |     |
| Passing too close around end of string of cars.....                   |                  |       |                   |       |          |     |          |     |
| Caught in frog, guard rail, or switch rod.....                        |                  | 3     |                   | 3     |          |     |          |     |
| Caught by engine or car while throwing switch.....                    |                  | 2     |                   | 4     |          | 2   |          |     |
| Falling off side and end ladders of cars.....                         |                  | 13    |                   | 23    |          | 10  |          |     |
| Falling off car while working hand brake.....                         |                  | 11    | 2                 | 29    | 2        | 18  |          |     |
| Asphyxiated in tunnel.....  | 1                |       |                   |       |          |     | 1        |     |
| Handling freight and baggage.....                                     | 1                | 20    |                   | 33    |          | 13  | 1        |     |
| Loading and unloading O.C.S. material.....                            | 3                | 15    |                   | 36    |          | 21  | 3        |     |
| Staking or poling cars.....   |                  |       |                   | 1     |          | 1   |          |     |
| Working in coal chute.....  |                  | 4     |                   | 8     |          | 4   |          |     |
| Cars moved while being loaded or unloaded.....                        |                  | 6     |                   | 15    |          | 9   |          |     |
| Drawbridge open.....  |                  |       |                   |       |          |     |          |     |
| Carmen working on or under cars on running track when moved.....      | 1                | 2     |                   | 16    |          | 14  | 1        |     |
| Chaining and unchaining cars.....                                     |                  |       |                   | 1     |          | 1   |          |     |
| Coupling and uncoupling hose and turning angle cock.....              | 1                | 3     | 1                 | 12    |          | 9   |          |     |
| Working on track or bridge.....                                       | 5                | 36    |                   |       |          |     | 5        | 36  |
| Locomotive dropping crown sheet of fire box.....                      |                  | 4     |                   |       |          |     |          | 4   |
| Building and repairing.....   | 1                |       |                   |       |          |     | 1        |     |
|   | 223              | 1,502 | 254               | 2,330 | 73       | 905 | 42       | 77  |
|   | 254              | 2,330 |                   |       |          |     | 73       | 905 |
| Increase.....   | 31               | 828   |                   |       |          |     | 31       | 828 |



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No. 6.—COMPARATIVE STATEMENT in totals of killed and injured during nine months ending December 31, 1919, and twelve months ending December 31, 1920.

| Name of Railway                      | 9 months, 1919 |       | 12 months, 1920 |       | 12 months, 1920 |     |          |     |
|--------------------------------------|----------------|-------|-----------------|-------|-----------------|-----|----------|-----|
|                                      |                |       |                 |       | Increase        |     | Decrease |     |
|                                      | K.             | I.    | K.              | I.    | K.              | I.  | K.       | I.  |
| Grand Trunk.....                     | 56             | 651   | 70              | 866   | 14              | 215 |          |     |
| Canadian Pacific.....                | 94             | 363   | 110             | 509   | 16              | 146 |          |     |
| Canadian National.....               | 46             | 322   | 43              | 732   |                 | 410 | 3        |     |
| Grand Trunk Pacific.....             | 3              | 42    | 6               | 30    | 3               |     |          | 12  |
| Quebec Central.....                  | 1              |       |                 |       |                 |     | 1        |     |
| Toronto, Hamilton and Buffalo.....   | 1              | 7     | 1               | 16    |                 | 9   |          |     |
| Grand River.....                     | 1              | 2     |                 | 5     |                 | 3   | 1        |     |
| Brantford and Hamilton.....          | 2              | 1     | 3               | 5     | 1               | 4   |          |     |
| Esquimault and Nanaimo.....          |                | 2     | 1               | 5     | 1               | 3   |          |     |
| Michigan Central.....                | 6              | 45    | 7               | 37    | 1               |     |          | 8   |
| Quebec, Montreal and Southern.....   |                | 7     | 1               | 14    | 1               | 7   |          |     |
| Kettle Valley.....                   |                | 4     | 1               | 13    | 1               | 9   |          |     |
| Algoma Central and Hudson Bay.....   | 2              | 6     |                 | 1     |                 |     | 2        | 5   |
| Windsor, Essex and Lake Shore.....   |                | 5     |                 | 2     |                 |     |          | 3   |
| Wabash.....                          | 3              | 12    |                 | 10    |                 |     | 3        | 2   |
| New York Central.....                | 2              | 6     |                 | 10    |                 | 4   | 2        |     |
| Lake Erie and Northern.....          | 1              | 11    |                 | 5     |                 |     | 1        | 6   |
| Vancouver, Victoria and Eastern..... | 4              | 8     |                 | 38    |                 | 30  | 4        |     |
| Fère Marquette.....                  | 1              | 3     |                 | 8     |                 | 5   | 1        |     |
| Maine Central.....                   |                | 2     | 1               |       | 1               |     |          | 2   |
| Hamilton Radial.....                 |                | 3     | 2               | 9     | 2               | 6   |          |     |
| British Columbia Electric.....       |                |       | 1               | 1     | 1               | 1   |          |     |
| Hull Electric.....                   |                |       | 1               | 1     | 1               | 1   |          |     |
| Dominion Atlantic.....               |                |       | 1               | 3     | 1               | 3   |          |     |
| Napierville Jet.....                 |                |       | 4               | 2     | 4               | 2   |          |     |
| Algoma Eastern.....                  |                |       |                 | 1     |                 | 1   |          |     |
| Montreal and Southern Counties.....  |                |       |                 | 2     |                 | 2   |          |     |
| Central Vermont.....                 |                |       |                 | 3     |                 | 3   |          |     |
| Quebec Oriental.....                 |                |       | 1               | 1     | 1               | 1   |          |     |
| Midland.....                         |                |       |                 | 1     |                 | 1   |          |     |
|                                      | 223            | 1,502 | 254             | 2,330 | 49              | 866 | 18       | 38  |
|                                      | 254            | 2,330 |                 |       |                 |     | 49       | 866 |
| Increase.....                        | 31             | 828   |                 |       |                 |     | 31       | 828 |

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## No. 7.—STATEMENT showing collisions attended by personal injury investigated during the year ending December 31, 1920.

| File         | Date     | Railway        | Place  | Killed | Injured |
|--------------|----------|----------------|--|--------|---------|
| Inv. 8298... | Jan. 16  | C.P.R.         | Chalk River Yard, Ont.                       |        | 3       |
| " 8302...    | Jan. 25  | C.P.R.         | Corbeil, Ont., 2 miles east                  | 9      | 21      |
| " 8305...    | Dec. 17  | G.T.P.         | Regina Wye, Sask.                            |        | 2       |
| " 8307...    | Jan. 1   | C.N.R.         | Canora, Sask.                                | 2      | 1       |
| " 8313...    | Jan. 14  | G.T.R.         | Midland station, Ont.                        |        | 2       |
| " 8316...    | Jan. 1   | C.P.R.         | Winnipeg Depot, Man.                         |        | 1       |
| " 8322...    | Jan. 28  | G.T.R.         | Madawaska, Ont.                              |        | 2       |
| " 8326...    | Dec. 22  | C.N.R.         | Humbolt, Sask., west end of yard             |        | 1       |
| " 8331...    | Jan. 25  | C.N.R.         | Rosetown, Sask.                              |        | 1       |
| " 8337...    | Jan. 30  | C.P.R.         | Sudbury Yard, Ont.                           |        | 2       |
| " 8342...    | Feb. 1   | C.P.R.         | Deux Rivieres, Ont.                          |        | 1       |
| " 8352...    | Jan. 15  | M.C.R.         | Welland, Ont.                                |        | 1       |
| " 8360...    | Dec. 18  | C.N.R.         | Jellicoe, Ont., 5½ poles west of east switch |        | 1       |
| " 8361...    | Jan. 30  | C.N.R.         | Bethune, Sask.                               | 1      |         |
| " 8366...    | Jan. 2   | C.P.R.         | Toronto Terminals, Cabui "C"                 |        | 2       |
| " 8372...    | Feb. 4   | G.T.R.         | South River, Ont.                            |        | 1       |
| " 8375...    | Feb. 1   | G.T.R.         | North Bay Yard, Ont.                         |        | 1       |
| " 8411...    | Nov. 23  | V.Y. & E.      | Colebrook, B.C., Bridge 70, 1 mile south     |        | 1       |
| " 8420...    | Jan. 7   | V.Y. & E.      | Vancouver Yard, B.C.                         |        | 1       |
| " 8429...    | Jan. 25  | C.P.R.         | Brooks, Alta.                                |        | 1       |
| " 8484...    | Mar. 9   | C.P.R.         | Fogamasing, Ont.                             |        | 2       |
| " 8512...    | Feb. 16  | G.T.R.         | Ridgeway, Ont.                               |        | 7       |
| " 8518...    | Mar. 19  | G.T.R.         | Erlington, Ont., near station                |        | 1       |
| " 8535...    | Feb. 27  | Ham. Rad.      | Hamilton, Princess St.                       |        | 3       |
| " 8548...    | Feb. 27  | C.N.R.         | Mileage 157-6, Brazeau Subdivision, Alta.    |        | 10      |
| " 8587...    | Mar. 6   | C.N.R.         | Alexander Jet., Que., 1 mile west            |        | 2       |
| " 8632...    | April 17 | G.T.R.         | Burlington Jct., Ont.                        |        | 2       |
| " 8633...    | April 7  | C.N.R.         | Sudbury Yard, Ont.                           |        | 1       |
| " 8640...    | Feb. 12  | C.N.R.         | Prince Albert, Sask.                         |        | 2       |
| " 8644...    | Mar. 11  | P.M.R.         | Wallaceburg, Ont.                            |        | 1       |
| " 8741...    | April 30 | G.T.R.         | London Yard, Ont.                            |        | 1       |
| " 8749...    | May 8    | C.P.R.         | Spicer, Ont.                                 |        | 7       |
| " 8771...    | April 28 | H.R.E.         | Hamilton, Birch Avenue, Ont.                 |        | 1       |
| " 8777...    | May 10   | C.P.R.         | Sherbrooke, Que.                             |        | 6       |
| " 8784...    | May 21   | C.P.R.         | Smiths Falls, Ont.                           |        | 1       |
| " 8854...    | June 25  | G.T.R.         | Hadlow, Que.                                 | 1      | 10      |
| " 8891...    | June 16  | G.T.R.         | Grimsby, Ont.                                |        | 1       |
| " 8907...    | July 3   | G.T.R.         | Port Union, Ont., ¼ mile west                |        | 1       |
| " 8915...    | May 21   | C.N.R.         | Yarker Yard, Ont.                            |        | 2       |
| " 8933...    | July 20  | G.T.R.         | Port Hope, Ont., east of station             |        | 1       |
| " 8968...    | July 24  | B. & H.        | Langford Siding, Ont.                        |        | 1       |
| " 8997...    | July 30  | C.P.R. & L.    | St. Ry...<br>London, Ont., Richmond St.      |        | 3       |
| " 9025...    | Aug. 11  | G.T.R.         | Ingersoll, Ont.                              | 3      |         |
| " 9031...    | June 26  | G.N.R.         | White Rock, B.C.                             |        | 4       |
| " 9049...    | Aug. 12  | G.T.R.         | Tureot Yard, Que.                            |        | 1       |
| " 9052...    | July 16  | C.N.R.         | Vermillion Yard, Alta.                       |        | 1       |
| " 9055...    | Aug. 10  | G.T.P.         | Hawkins, Alta.                               |        | 5       |
| " 9097...    | July 8   | G.T.R.         | Belleville Yard, Ont.                        |        | 1       |
| " 9107...    | Aug. 16  | C.N.R.         | Lake Joseph, Ont.                            |        | 2       |
| " 9117...    | Aug. 17  | C.N.R.         | Parry Sound, Ont.                            |        | 7       |
| " 9150...    | Sept. 14 | G.T.R.         | Woodstock, Ont., 2 miles east                |        | 1       |
| " 9156...    | Sept. 1  | G.T.R.         | St. George, Ont.                             |        | 1       |
| " 9211...    | Aug. 19  | C.N.R.         | White Otter, Ont.                            |        | 1       |
| " 9277...    | Sept. 28 | C.N.R.         | Canora, Sask.                                | 4      | 2       |
| " 9293...    | Oct. 2   | N. St. C. & T. | Thorold, Ont.                                |        | 13      |
| " 9296...    | Oct. 13  | L. E. & N.     | Lutesville, Ont.                             |        | 1       |
| " 9300...    | Oct. 11  | G.T.R.         | Toronto, Ont.                                |        | 1       |
| " 9303...    | Oct. 5   | G.T.R.         | Allandale, Ont.                              |        | 1       |
| " 9312...    | Oct. 11  | M.C.R.         | Windsor, Ont.                                |        | 1       |
| " 9318...    | Oct. 17  | G.T.R.         | Sarnia, Ont.                                 |        | 1       |
| " 9339...    | Oct. 16  | C.N.R.         | Liverpool, N.S.                              |        | 1       |
| " 9352...    | Oct. 14  | C.N.R.         | McKirdy, Ont.                                |        | 1       |
| " 9382...    | Oct. 9   | C.P.R.         | Murdoch, Man.                                |        | 1       |
| " 9385...    | Oct. 7   | C.P.R.         | Indian Head, Sask.                           |        | 1       |
| " 9392...    | Oct. 20  | C.P.R.         | Ondriit, Ont.                                | 1      |         |
| " 9405...    | Nov. 6   | C.P.R.         | Broadview, Sask.                             |        | 1       |

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No. 7.—STATEMENT showing collisions attended by personal injury investigated during the year ending December 31, 1920.—*Continued.*

| File         | Date        | Railway               | Place                                   | Killed | Injured |
|--------------|-------------|-----------------------|---|--------|---------|
| Iuv. 9406... | Nov. 3...   | C.P.R.....            | Minnedosa, Man.....                     |        | 1       |
| " 9409...    | Nov. 19...  | C.P.R.....            | Outremont Yard, Que.....                |        | 1       |
| " 9421...    | Nov. 1...   | C.N.R.....            | Thorold, Ont., Pine Street Siding.....  |        | 1       |
| " 9427...    | Nov. 5...   | C.N.R.....            | Silver Plains, Man.....                 |        | 1       |
| " 9432...    | Nov. 20...  | G.T.R.....            | Linwood, Ont.....                       |        | 1       |
| " 9439...    | Oct. 12...  | G.N.R.....            | Vancouver, B.C.....                     |        | 1       |
| " 9470...    | Sept. 20... | C.P.R.....            | Oakville, Ont.....                      |        | 2       |
| " 9474...    | Nov. 21...  | C.P.R.....            | Lake Louise, Alta., 4 miles west.....   |        | 7       |
| " 8518...    | Oct. 20...  | C.N.R.....            | Belleville Yard, Ont.....               |        | 1       |
| " 9525...    | Dec. 8...   | C.P.R.....            | North Transcona Yard, Man.....          |        | 2       |
| " 9546...    | Nov. 25...  | C.N.R.....            | Melville, Sask.....                     |        | 1       |
| " 9549...    | Dec. 14...  | G.T.R.....            | Richmond Yard, Que.....                 |        | 1       |
| " 9553...    | Dec. 7...   | G.T.R.....            | Braantford, Ont., St. Pauls Subway..... |        | 1       |
| " 8913...    | July -2...  | H.R.C. &<br>T.H. & B. | Hamilton, Ont., Ottawa Street.....      |        | 1       |
| " 9122...    | Aug. 17...  | C.N.R.....            | Washago Diamond, Ont.....               |        | 1       |
| 81           |             |                       |   | 21     | 184     |

11 GEORGE V, A. 1921

No. 8.—STATEMENT showing derailments attended by personal injury investigated during the year ending December 31, 1920.

| File      | Date     | Railway     | Place  | Killed | Injured |
|-----------|----------|-------------|--|--------|---------|
| Inv. 8267 | Dec. 29  | G.T.R.      | Merritton Yard, Ont.                         |        | 1       |
| " 8272    | Dec. 11  | C.N.R.      | Warden, Man., 4 poles south                  |        | 1       |
| " 8292    | Dec. 26  | C.P.R.      | Fredericton Jct., N.B.                       |        | 2       |
| " 8293    | Jan. 1   | C.N.R.      | Mecheche, Alta.                              |        | 1       |
| " 8294    | Dec. 4   | C.N.R.      | M.P. 79, Kindersley Subdivision, Alta.       |        | 2       |
| " 8301    | Dec. 3   | C.N.R.      | Kylemore, Sask.                              |        | 1       |
| " 8306    | Nov. 29  | C.N.R.      | Chua Chua, B.C., M.P. 90-9, Kamloops Sub.    |        | 1       |
| " 8312    | Jan. 20  | G.T.R.      | Campbellford, Ont., 2½ miles west            |        | 9       |
| " 8373    | Feb. 2   | C.N.R.      | M.P. 97, near Brighton, Ont.                 |        | 1       |
| " 8384    | Feb. 21  | G.T.R.      | M.P. 204, near South Powassen, Ont.          |        | 2       |
| " 8385    | Feb. 5   | G.T.R.      | Hespeler, 1½ miles South, Ont.               |        | 5       |
| " 8412    | Dec. 2   | C.N.R.      | M.P. 581, Alta., Vermillion Subdivision      |        | 2       |
| " 8437    | Feb. 19  | G.T.R.      | Howick, Que., 2 miles north                  |        | 1       |
| " 8438    | Feb. 17  | G.T.R.      | Dalkeith, Ont., near water tank              |        | 3       |
| " 8439    | Feb. 16  | G.T.R.      | Coteau Jct., Que., Farm Crossing             |        | 1       |
| " 8446    | Jan. 29  | C.V.R.      | Granby, Que.                                 |        | 3       |
| " 8449    | Jan. 27  | C.N.R.      | Linwood, Ont., M.P. 275½                     |        | 1       |
| " 8464    | Mar. 2   | C.N.R.      | Ascalon, Ont., ½ mile west, Mileage 19       |        | 1       |
| " 8470    | Mar. 2   | C.P.R.      | Megantic, Que.                               |        | 1       |
| " 8483    | Mar. 1   | C.P.R.      | Mileage 38½, west of Metagama                |        | 9       |
| " 8491    | Feb. 19  | C.N.R.      | Oba, Ont.                                    |        | 1       |
| " 8516    | Mar. 8   | G.T.R.      | Belleville, Ont.                             |        | 1       |
| " 8528    | Mar. 10  | G.T.P.      | Biggar Yard, Sask.                           |        | 1       |
| " 8536    | Jan. 21  | C.N.R.      | Mileage 168, near Bucktown, N.S.             |        | 1       |
| " 8545    | Mar. 6   | C.P.R.      | Glenton, Que.                                |        | 2       |
| " 8546    | Jan. 22  | Q.O.R.      | Nouvelle, Que.                               |        | 1       |
| " 8547    | Mar. 22  | C.N.R.      | Mileage 234-6, near Belleville, N.S.         |        | 12      |
| " 8554    | Jan. 31  | C.N.R.      | Lytton, B.C.                                 |        | 2       |
| " 8556    | Feb. 27  | C.N.R.      | M.P. 369, Alta., 12 poles west, Calgary Sub. |        | 7       |
| " 8566    | April 3  | G.T.R.      | Carthow, Ont.                                |        | 1       |
| " 8569    | Dec. 11  | C.N.R.      | McGee, Sask.                                 |        | 1       |
| " 8570    | April 2  | C.N.R.      | St. Margarets, N.S.                          |        | 1       |
| " 8591    | April 13 | C.N.R.      | Colbright Pit, Ont.                          |        | 1       |
| " 8614    | Mar. 24  | C.N.R.      | Irvine, B.C.                                 |        | 1       |
| " 8641    | Feb. 25  | G.T.P.      | Ebenezer, Sask.                              | 1      |         |
| " 8643    | Mar. 18  | C.N.R.      | Ladysmith, Man.                              |        | 4       |
| " 8649    | Mar. 19  | C.N.R.      | M.P. 111½, Shellbrook Sub., Sask.            | 1      |         |
| " 8652    | Feb. 2   | C.N.R.      | Summit Club, Que.                            |        | 2       |
| " 8658    | Mar. 17  | C.N.R.      | McArthur, Ont.                               |        | 6       |
| " 8665    | April 22 | C.P.R.      | Pincher Yard, Alta.                          |        | 1       |
| " 8670    | April 7  | G.T.R.      | Black water Jct., Ont.                       |        | 3       |
| " 8682    | April 3  | C.N.R.      | Peesane, Sask.                               |        | 8       |
| " 8719    | May 5    | G.T.R.      | Paisley, Ont.                                |        | 1       |
| " 8723    | Mar. 15  | C.N.R.      | Crooked Lake, Sask.                          |        | 1       |
| " 8727    | April 6  | C.N.R.      | North Lake, Ont., 8 poles west               |        | 1       |
| " 8746    | April 19 | C.P.R.      | Wotton Springs, Que.                         |        | 9       |
| " 8764    | May 13   | C.P.R.      | Healey, Ont.                                 |        | 1       |
| " 8797    | May 23   | C.P.R.      | Galt, Ont.                                   |        | 2       |
| " 8806    | May 22   | C.P.R.      | Roots, N.B.                                  |        | 2       |
| " 8810    | April 20 | C.N.R.      | Marcy, B.C.                                  |        | 3       |
| " 8851    | May 10   | C.P.R.      | Willow River, B.C.                           |        | 4       |
| " 8852    | May 23   | C.N.R.      | Lamoral, Alta.                               |        | 1       |
| " 8874    | June 24  | G.T.P.      | Ancrum, Sask.                                |        | 1       |
| " 8919    | July 18  | C.N.R.      | Mileage 24, Pembroke Sub., Ont.              |        | 2       |
| " 8904    | May 15   | C.N.R.      | Dufresne, Ont.                               |        | 1       |
| " 8937    | July 10  | C.P.R.      | Ingolf, Ont., 2-6 miles east                 |        | 1       |
| " 8938    | July 8   | G.T.R.      | Victoriaville, Que.                          |        | 1       |
| " 8954    | July 30  | G.T.R.      | St. Marys, Ont.                              |        | 2       |
| " 8956    | July 21  | G.T.R.      | Kellys, Ont., ½ mile west                    |        | 3       |
| " 8973    | April 25 | C.N.R.      | Harling, Alta.                               | 1      | 2       |
| " 9016    | July 10  | C.P.R.      | Mileage 62, Maniwaki Sub. Que.               |        | 2       |
| " 9047    | July 27  | G.T.P.      | Gainford, Alta.                              | 1      | 1       |
| " 9048    | July 18  | C.N.R.      | Gonor, Man.                                  |        | 1       |
| " 9050    | Aug. 14  | G.T.R.      | Waterville, Que.                             |        | 22      |
| " 9069    | July 23  | A.C. & H.B. | Searchmont, Ont.                             | 1      | 2       |
| " 9071    | Aug. 11  | P.M.R.      | McGregor, Ont.                               |        | 2       |
| " 9075    | July 30  | C.N.R.      | Sudbury, Ont.                                |        | 1       |
| " 9085    | Aug. 11  | G.T.R.      | Fort Erie, Ont.                              |        | 2       |

SESSIONAL PAPER No. 20c

No. 8.—STATEMENT showing derailments attended by personal injury investigated during the year ending December 31, 1920.—Continued.

| File      | Date     | Railway   | Place  | Killed | Injured |
|-----------|----------|-----------|--|--------|---------|
| Inv. 9087 | Aug. 23  | G.T.R.    | Lorneville Jct., Ont.                          |        | 1       |
| " 9089    | Aug. 18  | G.T.P.    | Tako, Sask.                                    |        | 1       |
| " 9128    | Aug. 23  | C.P.R.    | Abernethy, Sask.                               |        | 2       |
| " 9132    | Aug. 12  | G.T.P.    | Regina, Sask.                                  |        | 1       |
| " 9135    | Aug. 27  | G.T.R.    | Windsor Mills, Que.                            |        | 1       |
| " 9171    | Sept. 26 | C.P.R.    | Castleford, Ont.                               |        | 1       |
| " 9202    | Aug. 20  | G.T.R.    | Hamilton, Ont.                                 |        | 1       |
| " 9228    | Sept. 10 | G.T.R.    | Georgetown, Ont.                               |        | 1       |
| " 9247    | Sept. 22 | C.P.R.    | Labarthe, B.C.                                 |        | 1       |
| " 9262    | Oct. 11  | G.T.R.    | Aylmer, Ont.                                   |        | 1       |
| " 9280    | Sept. 9  | C.N.R.    | Makaroff, Man.                                 |        | 4       |
| " 9283    | Oct. 21  | G.T.R.    | Burlington Jct., Ont.                          |        | 1       |
| " 9290    | Sept. 19 | C.N.R.    | Shawmere, Ont., 3·3 miles west.                |        | 1       |
| " 9320    | Oct. 12  | C.P.R.    | DeSales, Que.                                  |        | 21      |
| " 9329    | Sept. 17 | C.N.R.    | McAbee, B.C.                                   | 1      | 1       |
| " 9340    | Oct. 13  | D.A.R.    | Truro, N.S.                                    | 1      | 3       |
| " 9342    | Sept. 11 | C.N.R.    | Boutiliers, N.S.                               | 1      | 1       |
| " 9354    | Oct. 26  | C.N.R.    | Long Lake, Ont.                                |        | 1       |
| " 9377    | Oct. 10  | G.T.R.    | Pt. St. Charles, Que.                          |        | 1       |
| " 9387    | Nov. 17  | C.N.R.    | Azen, Ont., west of                            |        | 1       |
| " 9388    | Nov. 19  | C.P.R.    | Pogamasing, Ont., 2 miles east.                |        | 23      |
| " 9417    | Nov. 25  | G.T.R.    | York, Ont., $\frac{3}{4}$ miles east.          | 2      | 25      |
| " 9437    | Sept. 29 | K.V.R.    | Midsay, B.C., west of M.P. 85·1.               |        | 1       |
| " 9480    | Nov. 15  | G.T.R.    | Brantford, Ont.                                |        | 1       |
| " 9482    | Nov. 17  | C.N.R.    | Rawdon Jct., Que., 1 $\frac{1}{2}$ miles west. |        | 1       |
| " 9485    | Oct. 7   | C.N.R.    | Pyramid, B.C.                                  |        | 1       |
| " 9505    | Nov. 24  | G.T.R.    | Jarvis, Ont.                                   |        | 1       |
| " 9517    | Oct. 21  | C.N.R.    | Vonda, Sask.                                   |        | 1       |
| " 9520    | Sept. 28 | C.N.R.    | M.P. 12, Lovett Subdivision, Alta.             |        | 1       |
| " 9521    | Oct. 2   | C.N.R.    | M.P. 3·5, Mountain Park Sub., Alta.            |        | 1       |
| " 9552    | Dec. 14  | Q.M. & S. | Yamaska, St. Catherine Bridge, Que.            | 1      | 8       |
| " 9561    | Dec. 18  | M.C.R.    | Windsor, Ont.                                  |        | 1       |
| " 9572    | Dec. 3   | C.N.R.    | Ncepawa, Man.                                  |        | 1       |
| 101       |          |           |  | 10     | 288     |

No. 9.—STATEMENT showing highway crossing accidents attended by personal injury investigated during the year ending December 31, 1920.

| File   | Date    | Time       | Railway   | PLACE   | Killed | Injured | Protection  | Remarks       |
|--------|---------|------------|-----------|---|--------|---------|-------------|---------------|
| 8221   | Nov. 25 | 10 11 a.m. | K.V.R.    | Merritt, second crossing west of station, B.C.                  | —      | 1       | Unprotected | Automobile    |
| " 8226 | Oct. 9  | 7 25 a.m.  | C.N.R.    | Montreal, Que., Gamble Street                                   | 1      | 1       | Unprotected | Pedestrians   |
| " 8229 | Dec. 3  | 8 30 a.m.  | M.C.R.    | Windsor, Ont., Gravel Road                                      | 1      | 1       | Gates       | Pedestrians   |
| " 8230 | Dec. 11 | 2 22 p.m.  | M.C.R.    | Ruscombe, Ont., crossing 1 mile west                            | 1      | 1       | Unprotected | Horse and rig |
| " 8231 | Dec. 11 | 1 20 p.m.  | H.R.E.    | Cainsville, Ont., crossing east                                 | 1      | 1       | Unprotected | Automobile    |
| " 8232 | Dec. 10 | 11 10 a.m. | C.P.R.    | LaKe Shore, Ont., Howard Road                                   | —      | 2       | Unprotected | Automobile    |
| " 8233 | Dec. 20 | 6 30 p.m.  | C.P.R.    | Cooksville, Ont., crossing east of station                      | —      | 1       | Unprotected | Automobile    |
| " 8238 | Dec. 19 | 9 20 a.m.  | M.C.R.    | Comber, Ont., crossing one mile south                           | 1      | 1       | Unprotected | Automobile    |
| " 8239 | Oct. 31 | 3 25 p.m.  | C.N.R.    | Montreal, Que., Bourbomere Street                               | —      | 1       | Unprotected | Horse and rig |
| " 8240 | Nov. 26 | 11 18 a.m. | G.T.R.    | Hamilton, Ont., Victoria Avenue                                 | —      | 1       | Unprotected | Pedestrian    |
| " 8242 | Dec. 16 | 11 18 a.m. | L.E. & N. | Bramford, Ont., Gilkinson Street                                | —      | 1       | Unprotected | Horse and rig |
| " 8244 | Dec. 2  | 10 45 a.m. | C.P.R.    | Chatham, Ont., Raleigh Street                                   | —      | 2       | Unprotected | Automobile    |
| " 8249 | Dec. 6  | 5 05 p.m.  | M.C.R.    | Aylmer, Ont., first road crossing east of station               | 1      | 1       | Unprotected | Automobile    |
| " 8254 | Dec. 31 | 10 30 p.m. | C.P.R.    | Montreal West, Que., Elmhurst Avenue                            | 3      | 1       | Unprotected | Automobile    |
| " 8260 | Dec. 13 | 11 50 a.m. | C.P.R.    | North Bay, Ont., Golf Street                                    | —      | 1       | Unprotected | Automobile    |
| " 8261 | Dec. 3  | 8 40 a.m.  | G.T.R.    | Niagara Falls, Ont., Victoria Street                            | —      | 1       | Unprotected | Horse and rig |
| " 8268 | Dec. 31 | 2 25 p.m.  | L.E. & N. | Stimco, Ont., Victoria Street                                   | —      | 1       | Unprotected | Horse and rig |
| " 8280 | Dec. 20 | 11 15 a.m. | G.T.R.    | Corbyville, Ont., Brenton's Crossing                            | 1      | 1       | Unprotected | Automobile    |
| " 8283 | Dec. 26 | 6 40 p.m.  | C.T.R.    | Edmonton, Alta., 96th Street                                    | —      | 3       | Unprotected | Horse and rig |
| " 8284 | Dec. 31 | 11 00 a.m. | C.T.R.    | London, Ont., Waterloo Street                                   | —      | 1       | Gates       | Automobile    |
| " 8285 | Jan. 9  | 1 05 p.m.  | G.T.R.    | Newmarket, Ont., Huron Street                                   | —      | 2       | Unprotected | Horse and rig |
| " 8303 | Dec. 29 | 4 25 p.m.  | G.T.R.    | Port Credit, Ont., Hurontario Street                            | 1      | 1       | Watchman    | Pedestrian    |
| " 8328 | Dec. 21 | 4 25 p.m.  | C.P.R.    | Ingersoll, Ont., Wodham Street                                  | —      | 2       | Unprotected | Pedestrian    |
| " 8332 | Jan. 3  | 9 48 a.m.  | C.P.R.    | LaVal Rapids, Que., Montreal Terminals, Prince de Gallis Street | —      | 1       | Unprotected | Horse and rig |
| " 8340 | Jan. 23 | 11 20 a.m. | G.T.R.    | Versulles, Que., crossing at mileage 12-91                      | —      | 1       | Unprotected | Horse and rig |
| " 8343 | Dec. 18 | 9 28 a.m.  | C.P.R.    | York, Ont., Victoria Park Avenue                                | —      | 1       | Unprotected | Automobile    |
| " 8350 | Dec. 29 | 11 35 a.m. | P.M.R.    | Toronto, Ont., York Street                                      | —      | 1       | Bell        | Motor truck   |
| " 8356 | Dec. 27 | 10 13 a.m. | P.M.R.    | Leamington, Ont., Erie Street                                   | —      | 1       | Bell        | Horse and rig |
| " 8357 | Jan. 26 | 1 10 p.m.  | G.T.R.    | Wrentham, Ont., first crossing west                             | —      | 2       | Unprotected | Automobile    |
| " 8400 | Feb. 4  | 1 15 a.m.  | G.T.R.    | Galt, Ont., Main Street   | —      | 1       | Watchman    | Horse and rig |
| " 8401 | Feb. 3  | 1 18 a.m.  | G.T.R.    | Stratford, Ont., Nelson Street                                  | —      | 1       | Unprotected | Horse and rig |
| " 8405 | Feb. 10 | 40 40 a.m. | C.P.R.    | Kitchener, Ont., Wellington Street                              | —      | 1       | Unprotected | Automobile    |
| " 8444 | Feb. 28 | 11 10 a.m. | C.P.R.    | Chelmsford, Ont., crossing east of station                      | —      | 1       | Unprotected | Horse and rig |
| " 8451 | Dec. 15 | 3 45 p.m.  | C.N.R.    | Westboro, Ont., Westboro Crossing, 2 miles from Ottawa          | 1      | 1       | Unprotected | Horse and rig |
| " 8469 | Jan. 15 | 8 05 a.m.  | C.P.R.    | Cereel, Alta., first crossing west                              | —      | 1       | Unprotected | Horse and rig |
| " 8501 | Mar. 4  | 11 40 p.m. | C.N.R.    | Sapperton, B.C., Cumberland Avenue                              | —      | 1       | Unprotected | Auto truck    |
| " 8592 | Dec. 23 | 12 01 p.m. | C.P.R.    | North Bay, Ont., Thibault Hill Crossing                         | 1      | 1       | Unprotected | Horse and rig |
| " 8592 | Dec. 23 | 12 01 p.m. | C.P.R.    | Westfort, Ont., Mountain Avenue crossing                        | 1      | 1       | Unprotected | Auto truck    |

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|        |          |             |               |   |   |             |               |
|--------|----------|-------------|---------------|---|---|-------------|---------------|
| " 8511 | Feb. 21  | 8. 10 a.m.  | G.T.R.        | Strafford, Ont., Erie Street.                           | 1 | Bell        | Horse and rig |
| " 8515 | Feb. 28  | 7. 10 a.m.  | B.C. Elec.    | Strathcona, B.C., 37th Avenue, Mun. Point Gray.         | 2 | Unprotected | Automobile    |
| " 8521 | Feb. 14  | 10. 10 a.m. | G.T.R.        | Brantford, Ont., Sheridan Street.                       | - | Unprotected | Auto truck    |
| " 8542 | Mar. 19  | 7. 50 p.m.  | G.T.R.        | Toronto, Ont., Bloor Street.                            | - | Gates       | Automobile    |
| " 8545 | Mar. 18  | 5. 10 a.m.  | G.T.R.        | London, Ont., Mainland Street.                          | 1 | Unprotected | Automobile    |
| " 8596 | Mar. 28  | 2. 20 p.m.  | C.P.R.        | Belleveille, Ont., crossing two miles east.             | 1 | Bell        | Horse and rig |
| " 8603 | Mar. 27  | 1. 55 p.m.  | G.T.R.        | Glencoe, Ont., Main Street.                             | 1 | Gates       | Automobile    |
| " 8609 | April 16 | 4. 40 p.m.  | T.H. & B.     | Hamilton, Ont., Sellington Street South.                | - | Unprotected | Automobile    |
| " 8613 | April 20 | 5. 10 p.m.  | C.P.R.        | Amprion, Ont., Patrick Street.                          | 1 | Unprotected | Pedestrian    |
| " 8651 | Jan. 14  | 9. 50 a.m.  | C.N.R.        | Dablon, Que., crossing south of station.                | - | Unprotected | Horse and rig |
| " 8652 | April 10 | 11. 15 p.m. | G.T.R.        | Montreal, Que., St. Remi Street.                        | - | Gates       | Horse and rig |
| " 8653 | April 14 | 9. 00 p.m.  | C.P.R.        | London, Ont., Pall Mall Street.                         | 1 | Unprotected | Pedestrian    |
| " 8686 | April 9  | 6. 16 p.m.  | M.C.R.        | Charing Cross, Ont., first highway east of station.     | 1 | Unprotected | Pedestrian    |
| " 8689 | Mar. 30  | 9. 25 a.m.  | M.C.R.        | Welland, Ont., Main Street.                             | 2 | Unprotected | Automobile    |
| " 8697 | May 8    | 6. 35 p.m.  | G.T.R.        | Ottawa, Ont., Lebreton Street.                          | 1 | Gates       | Automobile    |
| " 8707 | April 21 | 11. 50 a.m. | C.P.R.        | Yamachiche, Que., crossing three miles east.            | - | Bell        | Pedestrian    |
| " 8709 | May 1    | 8. 20 a.m.  | G.T.R.        | Clifton Jct., Ont., Stamford Crossing.                  | 1 | Unprotected | Horse and rig |
| " 8712 | May 19   | 4. 40 p.m.  | G.T.R.        | Kitchener, Ont., Strange Street.                        | - | Unprotected | Automobile    |
| " 8715 | May 1    | 12. 50 p.m. | C.P.R.        | Sault Ste. Marie, Ont., Hudson Street.                  | 2 | Bell        | Automobile    |
| " 8729 | April 19 | 4. 45 p.m.  | G.T.R.        | Hamilton, Ont., Cannon Street.                          | 1 | Unprotected | Pedestrian    |
| " 8752 | May 6    | 3. 45 p.m.  | C.P.R.        | Cobourg, Ont., D'Arcy Street.                           | 1 | Watchman    | Horse and rig |
| " 8755 | May 8    | 4. 47 p.m.  | C.P.R.        | Myrtle, Ont., Brook Road.                               | - | Unprotected | Horse and rig |
| " 8759 | April 8  | 7. 12 a.m.  | N. St.C. & T. | St. Catharines, Ont., Westchester Street.               | 1 | Unprotected | Pedestrian    |
| " 8762 | May 13   | 3. 05 p.m.  | G.T.R.        | Toronto, Ont., Royce Avenue.                            | 1 | Unprotected | Automobile    |
| " 8778 | May 10   | 6. 43 a.m.  | G.T.R.        | Montreal, Que., Clitham Street.                         | 1 | Gates       | Automobile    |
| " 8781 | May 1    | 2. 05 p.m.  | C.P.R.        | Yamachiche, Que., crossing immediately east of station. | - | Gates       | Pedestrian    |
| " 8789 | May 6    | 7. 20 p.m.  | P.M.R.        | Chatham, Ont., Park Street.                             | - | Unprotected | Horse and rig |
| " 8796 | May 25   | 1. 40 p.m.  | C.P.R.        | Canan, Ont., crossing west of station.                  | - | Unprotected | Motor cycle   |
| " 8798 | June 4   | 10. 40 a.m. | C.N.R.        | Torrance, Ont., crossing near station.                  | - | Unprotected | Automobile    |
| " 8803 | April 20 | 5. 00 p.m.  | C.P.R.        | Vernon, B.C., Coldstream Road.                          | 1 | Unprotected | Automobile    |
| " 8818 | June 3   | 2. 30 p.m.  | C.P.R.        | Sault Ste. Marie, Ont., Wellington Street.              | - | Unprotected | Automobile    |
| " 8825 | June 19  | 11. 13 a.m. | G.T.R.        | Montreal, Que., Chatham Street.                         | - | Unprotected | Horse and rig |
| " 8827 | June 9   | 4. 38 p.m.  | G.T.R.        | St. Hubert, crossing west of station.                   | 1 | Gates       | Pedestrian    |
| " 8831 | June 12  | 10. 15 a.m. | C.P.R.        | Voro Road, public crossing just north.                  | - | Bell        | Automobile    |
| " 8835 | June 16  | 9. 10 a.m.  | G.T.R.        | Tavistock, Ont., second crossing south.                 | 1 | Bell        | Horse and rig |
| " 8834 | May 28   | 7. 27 p.m.  | B. & H.E.     | Brantford, Ont., Alfred Street.                         | 1 | Unprotected | Horse and rig |
| " 8837 | June 18  | 7. 31 p.m.  | C.P.R.        | Cuelph, Ont., Eloro Road crossing.                      | 1 | Unprotected | Pedestrian    |
| " 8839 | May 29   | 4. 30 p.m.  | G.T.R.        | Coteau, Ont., crossing one mile west.                   | 2 | Watchman    | Automobile    |
| " 8843 | June 10  | 7. 20 a.m.  | G.T.R.        | Parbill, Ont., first crossing east.                     | - | Unprotected | Pedestrians   |
| " 8845 | June 6   | 11. 15 p.m. | P.M.R.        | Blenheim, Ont., crossing one-quarter mile west.         | 1 | Bell        | Automobile    |
| " 8858 | May 31   | 2. 48 p.m.  | C.P.R.        | Strathmore, Alta., crossing 2.5 miles west.             | - | Unprotected | Automobile    |
| " 8873 | June 22  | 3. 55 p.m.  | G.T.R.        | Montreal, Que., Fulford Street.                         | 2 | Unprotected | Automobile    |
| " 8875 | June 25  | 2. 58 p.m.  | C.P.R.        | North, Ont., Drummond Street.                           | 1 | Gates       | Pedestrian    |
| " 8895 | June 6   | 1. 36 p.m.  | C.N.R.        | Flic Man., first crossing west of station.              | - | Bell        | Horse and rig |
| " 8900 | June 28  | 3. 00 p.m.  | H.R.E.        | Hamilton, Ont., Depue Street.                           | 1 | Unprotected | Pedestrian    |
| " 8916 | July 5   | 4. 32 p.m.  | C.N.R.        | St. Norbert, Man., crossing immediately south.          | - | Unprotected | Auto truck    |
| " 8918 | June 24  | 8. 10 a.m.  | C.P.R.        | Port Moody, B.C., Queen Street.                         | 1 | Unprotected | Automobile    |
| " 8931 | July 25  | 4. 15 p.m.  | C.P.R.        | St. Johns, Que., St. James Street.                      | 1 | Bell        | Pedestrian    |
| " 8936 | June 30  | 4. 47 p.m.  | E. & N.       | Wellington South, B.C., crossing 1.953 feet north.      | 5 | Unprotected | Automobile    |
| " 8936 | June 30  | 4. 47 p.m.  | E. & N.       | Wellington South, B.C., crossing 1.953 feet north.      | 3 | Unprotected | Automobile    |

No. 9.—STATEMENT showing highway crossing accidents attended by personal injury investigated during the year ending December 31, 1920.—Continued.

| File      | Date     | Time       | Railway | PLACE  | Killed | Injured | Protection  | Remarks       |
|-----------|----------|------------|---------|--|--------|---------|-------------|---------------|
| Inv. 8912 | July 27  | 7 58 p.m.  | G.T.R.  | Greenfield, Ont., Cameron's Crossing, 2 miles east Maxville.   | 2      | 3       | Unprotected | Automobile    |
| " 8943    | July 1   | 12 15 p.m. | C.N.R.  | Lachure, Que., first public crossing west.                     | —      | 3       | Unprotected | Automobile    |
| " 8951    | July 10  | 6 13 p.m.  | G.T.R.  | Oakville, Ont., first crossing west.                           | 1      | 1       | Bell        | Automobile    |
| " 8964    | July 29  | 7 55 p.m.  | C.P.R.  | West Toronto, Ont., St. Clair Avenue.                          | —      | 2       | Gates       | Automobile    |
| " 8969    | July 22  | 3 12 p.m.  | G.T.R.  | Montreal, Que., Charlevoix Street.                             | —      | 1       | Gates       | Pedestrian    |
| " 8972    | Aug. 1   | 12 48 p.m. | G.T.R.  | Waterville, Que., Government Road crossing.                    | —      | 7       | Bell        | Automobile    |
| " 8975    | July 27  | 2 20 p.m.  | G.T.R.  | Falconberg, Ont., first crossing north.                        | 1      | 1       | Unprotected | Automobile    |
| " 8981    | Aug. 10  | 8 13 p.m.  | G.T.R.  | St. Hyacinthe, Que., Bourdage Street.                          | 2      | —       | Unprotected | Automobile    |
| " 8982    | July 7   | 5 00 p.m.  | C.N.R.  | Aylesbury, Sask., King Street.                                 | —      | 1       | Gates       | Automobile    |
| " 8986    | June 30  | 6 30 a.m.  | C.P.R.  | Montreal, Que., Papineau Avenue.                               | 1      | —       | Unprotected | Pedestrian    |
| " 8998    | Aug. 6   | 4 15 p.m.  | H.R.E.  | Hamilton Beach, Ont., crossing at station No. 12.              | 1      | —       | Unprotected | Pedestrian    |
| " 8999    | Aug. 2   | 9 55 p.m.  | G.T.R.  | St. Thomas, Ont., Hughes Street.                               | —      | —       | Unprotected | Automobile    |
| " 9023    | Aug. 6   | 6 20 p.m.  | C.P.R.  | Dalhousie Mills, Ont., crossing 1 1/2 miles west.              | 1      | —       | Unprotected | Automobile    |
| " 9024    | July 14  | 9 00 a.m.  | C.P.R.  | Carleton Place, Ont., Tannery crossing.                        | —      | 1       | Unprotected | Horse and rig |
| " 9027    | Aug. 23  | 5 56 a.m.  | C.P.R.  | Ottawa, Springfield crossing, 3 1/2 miles west of Ottawa, Ont. | —      | 1       | Unprotected | Horse and rig |
| " 9034    | July 24  | 5 25 p.m.  | C.P.R.  | Grand Forks, B. C., third crossing east.                       | —      | 3       | Bell        | Automobile    |
| " 9045    | July 2   | 4 50 p.m.  | C.P.R.  | Quebec, Que., Lalberte Street.                                 | —      | 1       | Bell        | Horse and rig |
| " 9046    | June 26  | 1 52 p.m.  | C.P.R.  | Quebec, Que., Crown Street.                                    | —      | 1       | Gates       | Pedestrian    |
| " 9053    | Aug. 9   | 10 03 a.m. | C.P.R.  | Lacombe, Alta., first crossing north.                          | 1      | —       | Unprotected | Automobile    |
| " 9064    | July 3   | 4 20 p.m.  | C.P.R.  | Allan Cot. N.B., Lorneville crossing.                          | —      | 5       | Unprotected | Automobile    |
| " 9068    | June 20  | 9 15 p.m.  | C.P.R.  | Sault Ste. Marie, Ont., Huron Street.                          | —      | 1       | Unprotected | Automobile    |
| " 9082    | Aug. 30  | 4 10 p.m.  | G.T.R.  | London, Ont., William Street.                                  | —      | 1       | Watchman    | Auto truck    |
| " 9084    | July 30  | 9 00 a.m.  | C.N.R.  | Herouxville, Que., first crossing west of station.             | —      | 1       | Unprotected | Automobile    |
| " 9098    | July 15  | 4 50 p.m.  | G.T.R.  | Oromec, Ont., first crossing east of Sturgeon St.              | 1      | 2       | Unprotected | Automobile    |
| " 9099    | Aug. 2   | 6 45 a.m.  | G.T.R.  | Port Credit, Ont., first crossing east of station.             | —      | 1       | Watchman    | Auto truck    |
| " 9101    | Aug. 23  | 10 21 a.m. | G.T.R.  | Kerwood, Ont., crossing east of station.                       | —      | 1       | Bell        | Horse and rig |
| " 9106    | Aug. 21  | 10 19 a.m. | G.T.R.  | Huntingdon, Que., Dalhousie Street.                            | —      | 1       | Unprotected | Horse and rig |
| " 9108    | Sept. 8  | 8 03 a.m.  | G.T.R.  | Komoka, Ont., Main Street.                                     | —      | 1       | Bell        | Automobile    |
| " 9109    | Aug. 3   | 1 25 p.m.  | C.P.R.  | Darlington, Ont., crossing near east switch.                   | —      | 1       | Unprotected | Automobile    |
| " 9110    | Aug. 18  | 10 39 a.m. | C.N.R.  | Trenton, Ont., Dufferin Street.                                | 2      | 5       | Unprotected | Automobile    |
| " 9114    | Sept. 4  | 6 07 p.m.  | G.T.R.  | Aurora, Ont., Yonge Street.                                    | —      | 1       | Bell        | Automobile    |
| " 9121    | Aug. 24  | 2 30 p.m.  | G.T.R.  | Kitchener, Ont., Ahrens Street.                                | —      | 1       | Unprotected | Automobile    |
| " 9123    | Aug. 14  | 6 00 p.m.  | H.R.E.  | Hamilton, Ont., Brant Street.                                  | —      | 1       | Unprotected | Horse and rig |
| " 9136    | Sept. 7  | 3 55 p.m.  | C.N.R.  | Hanna, Alta., east crossing.                                   | —      | 1       | Unprotected | Horse and rig |
| " 9137    | Sept. 17 | 9 17 a.m.  | C.P.R.  | Sand Point, Ont., crossing one-half mile west.                 | —      | —       | Unprotected | Pedestrian    |
| " 9140    | Aug. 28  | 9 40 a.m.  | H.R.E.  | Hamilton, Ont., crossing at station No. 12.                    | 1      | —       | Unprotected | Automobile    |
| " 9141    | Aug. 24  | 9 12 a.m.  | C.P.R.  | Hull, Que., St. Henry Street.                                  | 1      | 1       | Unprotected | Automobile    |
| " 9149    | Sept. 6  | 8 15 a.m.  | G.T.R.  | Vineland, Ont., Town Line crossing.                            | —      | 1       | Unprotected | Automobile    |
| " 9161    | July 31  | 1 25 p.m.  | G.T.R.  | Prescott, Ont., Edward Street.                                 | —      | 2       | Bell        | Automobile    |
| " 9172    | Sept. 28 | 11 55 a.m. | G.T.R.  | Kimburn, Ont., crossing one-half mile east.                    | —      | 2       | Unprotected | Horse and rig |



SESSIONAL PAPER No. 20c

|   |      |          |            |              |  |   |             |               |
|---|------|----------|------------|--------------|--|---|-------------|---------------|
| " | 9175 | Sept. 2  | 2-10 p.m.  | G.T.R.       | Orillia, Ont., first crossing north.....               | 1 | Unprotected | Automobile    |
| " | 9187 | Aug. 13  | 5-30 p.m.  | C.N.R.       | Longburn, Man., crossing 25 poles west.....            | 1 | Unprotected | Automobile    |
| " | 9197 | Sept. 12 | 2-15 a.m.  | C.P.R.       | Blackfalds, Alta., crossing at mileage 9-2.....        | 1 | Unprotected | Automobile    |
| " | 9199 | Sept. 20 | 9-45 p.m.  | C.P.R.       | Busted, Ont., Norman Crossing.....                     | 1 | Bell        | Automobile    |
| " | 9200 | Sept. 20 | 11-45 a.m. | C.N.R.       | Capevol, Ont., Yong Street.....                        | 1 | Unprotected | Automobile    |
| " | 9203 | Aug. 24  | 6-58 a.m.  | M.C.R.       | St. Thomas, Ont., Railway Street.....                  | 1 | Bell        | Automobile    |
| " | 9217 | Sept. 30 | 9-20 a.m.  | C.P.R.       | West Toronto, Ont., Royce Avenue.....                  | 1 | Gates       | Pedestrian    |
| " | 9218 | Sept. 20 | 3-35 p.m.  | C.P.R.       | Quebec, Que., Crown Street.....                        | 1 | Gates       | Pedestrian    |
| " | 9220 | Sept. 6  | 6-45 p.m.  | C.P.R.       | Verner, Ont., first crossing east.....                 | 1 | Unprotected | Horse and rig |
| " | 9221 | Sept. 30 | 1-45 p.m.  | G.T.R.       | Ft. Covington, Que., first crossing north.....         | 1 | Unprotected | Automobile    |
| " | 9222 | Sept. 2  | 11-20 a.m. | G.T.R.       | Drumbo, Ont., second crossing east of station.....     | 3 | Unprotected | Automobile    |
| " | 9225 | Aug. 7   | 2-00 p.m.  | C.N.R.       | Westfort, Ont., Brock Street.....                      | 1 | Unprotected | Automobile    |
| " | 9242 | Oct. 12  | 10-15 a.m. | C.P.R.       | Wolverton, Ont., first crossing east of station.....   | 1 | Gates       | Automobile    |
| " | 9243 | Sept. 2  | 10-53 a.m. | G.T.R.       | Walkerville, Ont., Devonshire Road.....                | 1 | Unprotected | Pedestrian    |
| " | 9245 | Oct. 1   | 8-40 a.m.  | G.T.R.       | Strathroy, Ont., Oxford Street.....                    | 1 | Unprotected | Automobile    |
| " | 9248 | Sept. 17 | 9-28 a.m.  | C.N.R.       | Emo, Ont., Jessie Street.....                          | 1 | Unprotected | Horse and rig |
| " | 9254 | Oct. 5   | 3-24 p.m.  | C.P.R.       | Spencerville, Ont., first crossing south.....          | 1 | Unprotected | Automobile    |
| " | 9261 | Oct. 14  | 11-00 p.m. | G.T.R.       | Cornwall, Ont., first crossing east.....               | 1 | Unprotected | Automobile    |
| " | 9269 | Oct. 2   | 8-45 p.m.  | C.P.R.       | Point du Lac, Que., crossing three miles west.....     | 1 | Unprotected | Automobile    |
| " | 9285 | Oct. 11  | 12-12 p.m. | G.T.R.       | Newbury, Ont., Hagartry Street.....                    | 1 | Unprotected | Automobile    |
| " | 9212 | July 22  | 7-49 a.m.  | C.N.R.       | Fredenshal, Man., crossing six miles east of town..... | 1 | Unprotected | Automobile    |
| " | 9289 | Sept. 13 | 9-00 a.m.  | C.N.R.       | McCreary, Man., crossing five miles north.....         | 1 | Unprotected | Automobile    |
| " | 9292 | Sept. 29 | 1-55 a.m.  | G.T.R.       | Burlington, Ont., Water Street.....                    | 2 | Unprotected | Automobile    |
| " | 9295 | Oct. 9   | 7-35 p.m.  | G.T.R.       | Beachville, Ont., first crossing east.....             | 1 | Bell        | Pedestrian    |
| " | 9297 | Oct. 18  | 6-30 p.m.  | B. & H.E.    | Ancaster, Ont., B. & H. Stone Road crossing.....       | 1 | Unprotected | Automobile    |
| " | 9298 | Oct. 16  | 12-52 p.m. | C.P.R.       | Arkwood, Ont., crossing one mile west.....             | 1 | Unprotected | Automobile    |
| " | 9324 | Oct. 9   | 10-50 p.m. | C.P.R.       | Camrose, Alta., first crossing east of station.....    | 1 | Unprotected | Automobile    |
| " | 9325 | Oct. 7   | 2-40 p.m.  | C.P.R.       | Wetaskiwin, Alta., crossing 1-9 miles north.....       | 2 | Unprotected | Automobile    |
| " | 9326 | Nov. 4   | 9-25 a.m.  | C.P.R.       | Montreal West, Que., Elmhurst Avenue.....              | 1 | Unprotected | Automobile    |
| " | 9330 | Oct. 16  | 10-15 p.m. | C.P.R.       | Jellicoe, Ont., crossing two miles west.....           | 2 | Unprotected | Automobile    |
| " | 9350 | Oct. 2   | 3-35 p.m.  | C.N.R.       | M.P. 66, Chester Subdivision, N.S., crossing near..... | 1 | Unprotected | Automobile    |
| " | 9358 | Oct. 12  | 2-39 p.m.  | C.P.R.       | Algona, Ont., crossing between station and tank.....   | 1 | Unprotected | Automobile    |
| " | 9368 | Sept. 23 | 8-40 a.m.  | C.P.R.       | Delrowne, Man., first crossing east.....               | 1 | Unprotected | Automobile    |
| " | 9386 | Nov. 12  | 7-43 a.m.  | C.N.R.       | Thurlow, Ont., crossing 1 1/2 miles west.....          | 1 | Unprotected | Automobile    |
| " | 9389 | Nov. 13  | 4-00 p.m.  | C.N.R.       | Hillier, Ont., crossing 1 1/2 miles east.....          | 1 | Unprotected | Horse and rig |
| " | 9414 | Nov. 17  | 7-40 p.m.  | G.T.R.       | Chatham, Ont., Lacroix Street.....                     | 1 | Unprotected | Automobile    |
| " | 9415 | Nov. 26  | 4-30 p.m.  | G.T.R.       | Alvinston, Ont., second crossing west.....             | 2 | Unprotected | Automobile    |
| " | 9422 | Oct. 13  | 11-00 p.m. | G.T.R.       | Sarnia, Ont., Christina Street.....                    | 3 | Unprotected | Automobile    |
| " | 9425 | Oct. 27  | 1-20 p.m.  | G.T.R.       | Toronto, Ont., Pape Avenue.....                        | 3 | Gates       | Pedestrian    |
| " | 9435 | Nov. 6   | 10-55 a.m. | M.C.R.       | Buxton, Ont., second crossing west.....                | 1 | Unprotected | Horse and rig |
| " | 9436 | Nov. 11  | 2-56 p.m.  | G.T.R.       | Mallorytown, Ont., first crossing east.....            | 2 | Bell        | Automobile    |
| " | 9444 | Oct. 15  | 5-30 p.m.  | C.N.R.       | Dorelee, Alta., Main Road crossing.....                | 1 | Unprotected | Pedestrian    |
| " | 9451 | Nov. 1   | 6-35 p.m.  | G.T.R.       | Caledonia, Ont., Main Street.....                      | 2 | Bell        | Automobile    |
| " | 9461 | Nov. 13  | 10-20 p.m. | C.P.R.       | Cap St. Martin, Que., Le Cap crossing.....             | 1 | Bell        | Automobile    |
| " | 9468 | Nov. 13  | 10-28 a.m. | T.H. & B.    | Hamilton, Ont., Paillie Street.....                    | 1 | Watchman    | Pedestrian    |
| " | 9469 | Sept. 26 | 7-41 a.m.  | N.St.C. & T. | St. Catharines, Ont., Furryman Avenue.....             | 2 | Unprotected | Motor cycle   |
| " | 9471 | Sept. 29 | 5-10 p.m.  | G.T.R.       | Hamilton, Ont., Kelly Street.....                      | 1 | Unprotected | Horse and rig |
| " | 9472 | Nov. 9   | 12-01 a.m. | G.T.R.       | Jordan, Ont., crossing east—first.....                 | 1 | Bell        | Automobile    |
| " | 9484 | Nov. 30  | 7-55 a.m.  | G.T.R.       | Ormsdown, Que., first crossing north.....              | 1 | Unprotected | Horse and rig |

No. 9.—STATEMENT showing highway crossing accidents attended by personal injury investigated during the year ending December 31, 1920.—*Concluded.*

| File   | Date    | Time       | Railway | PLACE   | Lilled | I injured | Protection  | Remarks       |
|--------|---------|------------|---------|---|--------|-----------|-------------|---------------|
| " 9486 | Nov. 23 | 11.55 a.m. | G.T.R.  | Hamilton, Ont., Ottawa Street.....                      | 1      | —         | Gates       | Pedestrian    |
| " 9487 | Nov. 29 | 12.45 p.m. | G.T.R.  | Merriton, Ont., Hartzell Rd., 1 mile north-west.....    | —      | 2         | Unprotected | Automobile    |
| " 9489 | July 30 | 7.40 p.m.  | C.N.R.  | Arran, Sask., crossing near.....                        | —      | 3         | Unprotected | Automobile    |
| " 9493 | Nov. 13 | 11.40 p.m. | C.P.R.  | Sedley, Sask., crossing one mile north.....             | —      | 1         | Unprotected | Automobile    |
| " 9497 | Dec. 1  | 8.45 p.m.  | C.P.R.  | Sault Ste. Marie, Ont., Wellington Street.....          | —      | 1         | Unprotected | Automobile    |
| " 9498 | Dec. 28 | 11.50 a.m. | C.P.R.  | Winnipeg, Man., Morse Place crossing, Munroe Ave.....   | —      | 7         | Unprotected | Automobile    |
| " 9519 | Nov. 20 | 4.45 p.m.  | C.N.R.  | Cardinal, Man., Crossing 1½ miles north.....            | 4      | 1         | Unprotected | Automobile    |
| " 9523 | Nov. 9  | 11.15 a.m. | N.J.Ry. | Lacolle, Que., crossing 1½ miles north.....             | —      | 1         | Unprotected | Horse and rig |
| " 9545 | Dec. 1  | 12.43 p.m. | C.N.R.  | Prince Albert, Sask., east end Saskatchewan Bridge..... | —      | 3         | Unprotected | Automobile    |
| " 9555 | Dec. 2  | 7.35 a.m.  | C.P.R.  | Kleinberg, Ont., crossing ½ mile north.....             | —      | 2         | Unprotected | Automobile    |
| " 9557 | Nov. 20 | 8.07 a.m.  | G.T.R.  | St. Jacobs, Ont., crossing 1.3-10 miles east.....       | 2      | 3         | Unprotected | Automobile    |
| " 9569 | Nov. 21 | 12.04 p.m. | C.P.R.  | Maskinonge, Que., crossing 1½ miles east.....           | —      | 1         | Unprotected | Horse and rig |
| " 9569 | Dec. 7  | 9.55 a.m.  | G.T.R.  | St. Jacobs, Ont., second crossing south.....            | —      | 1         | Unprotected | Automobile    |
| " 9578 | Nov. 10 | 11.53 a.m. | G.T.R.  | Baden, Ont., crossing 1½ miles east.....                | —      | 1         | Unprotected | Automobile    |
| " 9578 | Nov. 17 | 12.15 p.m. | C.N.R.  | Port Arthur, Ont., Manitou Street.....                  | —      | 1         | Unprotected | Automobile    |
| 191    |         |            |         |   | 72     | 221       |             |               |

No. 10.—STATEMENT showing accidents to employees while working on or under engines, investigated during the year ending December 31, 1920.

| File      | Date     | Railway    | Place                             | Remarks  | Killed | Injured |
|-----------|----------|------------|-----------------------------------|--|--------|---------|
| Inv. 8265 | Dec. 17  | Wabash     | Aylmer, Ont.                      | Fell off engine while lighting lamp.                     | —      | 1       |
| " 8310    | Dec. 24  | G.T.R.     | Renfrew, Ont.                     | Shaking grates.  | —      | 1       |
| " 8324    | Dec. 11  | C.N.R.     | Englefeld, Sask.                  | Water glass broke.                                       | —      | 1       |
| " 8341    | Jan. 26  | C.N.R.     | Cushing Jct., Que., 2 miles west. | Broken pipe of ashpan sprinkler.                         | —      | 1       |
| " 8370    | Feb. 1   | G.T.R.     | Tavistock Jct., Ont.              | Drip plate fell.   | —      | 1       |
| " 8376    | Jan. 21  | G.T.R.     | Paris Jct., Ont.                  | Blower valve blew out.                                   | —      | 1       |
| " 8383    | Jan. 19  | G.T.R.     | Parkdale Stn., Ont., ½ mile east. | Arch tube burst.   | —      | 1       |
| " 8417    | Dec. 27  | C.N.R.     | Camrose, Alta.                    | Leaning out of cab window.                               | —      | 2       |
| " 8428    | Oct. 22  | K.V.R.     | Jessica, B.C.                     | Fell off tender of engine.                               | —      | 1       |
| " 8445    | Feb. 14  | G.T.R.     | Huntsville, Ont.                  | Scalded by hot water from engine.                        | —      | 1       |
| " 8447    | Jan. 16  | C.N.R.     | Cardiff, Alta., at water tank     | Cab roof came down account owing to depression in track. | —      | 1       |
| " 8478    | Feb. 26  | G.T.R.     | Fort Erie Yard, Ont.              | Getting down from engine stepped in a hole.              | —      | 1       |
| " 8479    | Feb. 27  | T. H. & B. | Coyle, Ont.                       | Slipped on ice on rear of tender tank.                   | —      | 1       |
| " 8495    | Mar. 7   | G.T.R.     | Thamesville, Ont.                 | Struck arm against driver brake adjuster.                | —      | 1       |
| " 8497    | Mar. 1   | G.T.R.     | Harriston, Ont.                   | Shaking grate bars came off.                             | —      | 1       |
| " 8498    | Mar. 3   | G.T.R.     | St. Pauls, Ont.                   | Shaking grate bar slipped.                               | —      | 1       |
| " 8505    | Mar. 9   | G.T.R.     | Allandale coal chute, Ont.        | Fell off tender while climbing over same.                | —      | 1       |
| " 8519    | Feb. 9   | C.N.R.     | Capreol, Ont.                     | Fell on apron plate.                                     | —      | 1       |
| " 8522    | Feb. 1   | C.P.R.     | Monklands, Ont.                   | Fell while taking coal on tender.                        | —      | 1       |
| " 8523    | Mar. 8   | C.P.R.     | Guelph Jct., Ont.                 | While taking water fell off engine.                      | —      | 1       |
| " 8525    | Mar. 2   | Wab.       | Middlemiss, Ont.                  | Repairing spring saddle on engine.                       | —      | 1       |
| " 8559    | Mar. 16  | G.T.R.     | Paris Jct., Ont.                  | Squeezed between top of cab and engine.                  | —      | 1       |
| " 8560    | Mar. 14  | G.T.R.     | Wyoming, Ont.                     | Finger caught in cab vestibule.                          | —      | 1       |
| " 8561    | Mar. 21  | M.C.R.     | Welland, Ont.                     | Fell off tender while taking water.                      | —      | 1       |
| " 8562    | Mar. 5   | G.T.R.     | Cookstown, Ont.                   | Shaking grates.  | —      | 1       |
| " 8565    | Mar. 9   | C.P.R.     | Ridout, Ont., ½ mile east.        | Right inspirator steam pipe collar came off.             | —      | 1       |
| " 8573    | Mar. 3   | G.T.R.     | Guelph roundhouse, Ont.           | Jumped off engine when it was near coal chute.           | —      | 1       |
| " 8577    | Mar. 9   | G.T.R.     | Eganville, Ont.                   | Struck on head by coal.                                  | —      | 1       |
| " 8582    | Mar. 20  | C.P.R.     | Shanks, Que.                      | While cleaning reflector fell off.                       | —      | 1       |
| " 8584    | Mar. 20  | G.T.R.     | Montreal Turcot roundhouse, Que.  | While oiling lamp slipped.                               | —      | 1       |
| " 8588    | Mar. 27  | G.T.R.     | Hamilton Yard, Ont.               | Slipped while shaking grates.                            | —      | 1       |
| " 8650    | April 2  | G.T.R.     | Hamilton, Ont.                    | Shaking grates.  | —      | 1       |
| " 8663    | Mar. 22  | G.T.R.     | Ottawa, Ont.                      | Getting off engine at coal chute.                        | —      | 1       |
| " 8678    | April 20 | G.T.R.     | Waubashene, Ont.                  | Reverse lever struck him on groin.                       | —      | 1       |
| " 8684    | April 28 | C.N.R.     | Marlet, B.C.                      | Closing water glass.                                     | —      | 1       |
| " 8716    | May 2    | G.T.R.     | Woodstock, N.B.                   | Fell out of engine.                                      | —      | 1       |
| " 8717    | April 9  | G.T.R.     | York Yard, Ont.                   | Fire and steam broke out in cab.                         | —      | 1       |
| " 8718    | May 3    | G.T.R.     | Monkdale, Ont.                    | Closing grate bars.                                      | —      | 1       |
| " 8721    | May 4    | G.T.P.     | Finnic, Sask.                     | Water glass broke.                                       | —      | 1       |
| " 8740    | Feb. 15  | C.N.R.     | St. Camut, Que.                   | Reversing lever.   | —      | 1       |

No. 10.—STATEMENT showing accidents to employees while working on or under engines, investigated during the year ending 31, 1920.—Continued.

| File | Date    | Railway | Place                               | Remarks   | Killed | Injured |
|------|---------|---------|-------------------------------------|---|--------|---------|
| Inv. | May 11  | G.T.R.  | Brantford, Ont.                     | Working under engine on asphalt.                | 1      | —       |
| "    | May 15  | G.T.R.  | Camperdown, Ont.                    | Struck by falling bolt.                         | —      | —       |
| "    | May 17  | G.T.R.  | Fort Erie, Ont.                     | Thrown off footboard.                           | —      | —       |
| "    | April 7 | C.P.R.  | Ottawa, Ont.                        | Fell off running board.                         | —      | —       |
| "    | May 24  | G.T.R.  | Windsor, Ont.                       | Washout plug blew out.                          | —      | —       |
| "    | May 15  | C.P.R.  | St. John Station, N.B.              | Grab iron broke on engine.                      | —      | 2       |
| "    | June 4  | C.P.R.  | Three Rivers, Que.                  | Loading coal.                                   | —      | —       |
| "    | May 31  | Wab.    | Chenece, Ont.                       | Struck by reversing lever.                      | —      | —       |
| "    | Mar. 15 | C.N.R.  | Jellicoe shop track, Ont.           | Opening fire box door.                          | —      | —       |
| "    | June 4  | C.P.R.  | Corrie, Ont.                        | While taking water valve rope broke.            | —      | —       |
| "    | June 13 | G.T.R.  | Southwark Yard, Que.                | Defective hose.                                 | —      | —       |
| "    | June 9  | G.T.R.  | Pt. St. Charles, Que.               | Caught in brake valve handle.                   | —      | —       |
| "    | June 19 | G.T.R.  | Raven Lake, Ont.                    | Shaking grate bars.                             | —      | —       |
| "    | June 16 | G.T.R.  | Tilsonburg, Ont.                    | Water glass broke.                              | —      | —       |
| "    | June 13 | G.T.R.  | London, Ont.                        | Cylinder cock defective.                        | —      | —       |
| "    | June 18 | G.T.R.  | York, Ont.                          | Standing near engine when it started.           | —      | —       |
| "    | June 8  | C.N.R.  | Sifton, Man.                        | Planks covering drain caved in.                 | —      | —       |
| "    | June 21 | G.T.R.  | Ottawa, Ont.                        | Fell against reversing lever.                   | —      | —       |
| "    | June 28 | G.T.R.  | Lindsay, Ont.                       | Putting up tender brake hanger.                 | —      | —       |
| "    | June 22 | G.T.R.  | Toronto, Bathurst St., Ont.         | Shaking grates.                                 | —      | —       |
| "    | June 5  | C.N.R.  | Fernie, B.C.                        | Shaker bar slipped off.                         | —      | —       |
| "    | Mar. 3  | C.P.R.  | Worthington, Ont.                   | Dynamo on engine blew up.                       | —      | —       |
| "    | July 13 | K.V.R.  | Oxley Lake, B.C.                    | While sprinkling water on coal.                 | —      | —       |
| "    | July 9  | C.N.R.  | St. Paulin, Que.                    | Shaking grates.                                 | —      | —       |
| "    | July 15 | G.T.R.  | Bramilton Yard, Ont.                | Fell off top of engine.                         | —      | —       |
| "    | July 9  | G.T.R.  | Sarnia roundhouse, Ont.             | Struck by reversing lever.                      | —      | —       |
| "    | July 29 | G.T.R.  | St. Marys Jct., Ont.                | Hand caught between curtain plate and coal box. | —      | —       |
| "    | July 3  | G.T.R.  | Toronto, Ont., near Bathurst St.    | Sprinkling hose blew off.                       | —      | —       |
| "    | Aug. 8  | C.N.R.  | Carleton Place, Ont.                | Fell while oiling engine.                       | —      | —       |
| "    | Aug. 1  | C.P.R.  | Carleton Place, Ont.                | Brake beam slipped and struck him.              | —      | —       |
| "    | July 29 | C.P.R.  | Flamboro, Ont.                      | Struck by reversing lever.                      | —      | —       |
| "    | Aug. 6  | G.T.R.  | Hamilton, Junction Cut, Ont.        | Plug blew out of injector.                      | —      | —       |
| "    | July 13 | G.T.R.  | Ottawa, Ont.                        | Replacing grates.                               | —      | —       |
| "    | July 26 | G.T.R.  | Renfrew, Ont.                       | Struck blow off valve on sand pipe.             | —      | —       |
| "    | Aug. 8  | C.P.R.  | Geoph Jct., Ont.                    | Raising reverse lever.                          | —      | —       |
| "    | Aug. 23 | C.N.R.  | Noire Dame, Que.                    | Scalded by squirt hose.                         | —      | —       |
| "    | Aug. 14 | C.N.R.  | Joliette Yard, Que.                 | Examining ashpan.                               | —      | —       |
| "    | Aug. 2  | G.T.R.  | Between Bronte and Darlington, Ont. | —   | —      | —       |
| "    | Aug. 11 | G.T.R.  | Kosheo, Ont.                        | —   | —      | —       |
| "    | Aug. 21 | G.T.R.  | Hensall, Ont.                       | —   | —      | —       |

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|   |      |       |    |         |                                   |   |
|---|------|-------|----|---------|-----------------------------------|---|
| " | 9131 | Aug.  | 11 | C.N.R.  | Saskatoon, Sask.                  | Placing replacer.                                       |
| " | 9138 | Aug.  | 23 | C.N.R.  | Paswegin, Sask.                   | Squirt hose burst.                                      |
| " | 9144 | Aug.  | 5  | G.T.R.  | Coteau Jet., Que.                 | Hot bearings.   |
| " | 9150 | July  | 29 | C.N.R.  | Portage, Man.                     | Squirt hose blew off.                                   |
| " | 9173 | July  | 2  | C.N.R.  | Moose Jaw, Sask.                  | Fell off engine.  |
| " | 9178 | Sept. | 10 | G.T.R.  | Montreal, Que.                    | Struck by piston.                                       |
| " | 9184 | Sept. | 16 | C.P.R.  | M.P. 104, Sutherland Sub., Sask.  | Washout plug blew out.                                  |
| " | 9189 | June  | 18 | C.P.R.  | Schreiber, Ont.                   | Engine passed over hand.                                |
| " | 9204 | Sept. | 2  | G.T.R.  | Palmerston, Ont.                  | Shaker bar broke.                                       |
| " | 9205 | Sept. | 9  | C.N.R.  | Trenton, Ont.                     | Finger caught between operating wheel and coal gate.    |
| " | 9207 | Sept. | 14 | G.T.R.  | Lindsay, Ont.                     | Shaking grates.   |
| " | 9208 | Aug.  | 29 | G.T.R.  | Gravenhurst, Ont.                 | Dumping ashpan.   |
| " | 9213 | Sept. | 11 | C.N.R.  | Smiths Falls, Ont.                | Uncoupling brake rigging.                               |
| " | 9227 | Sept. | 13 | C.N.R.  | James Bay, Ont.                   | Sprinkler hose blew off.                                |
| " | 9229 | Sept. | 22 | G.T.R.  | Barrie, Ont.                      | Shutting off throttle.                                  |
| " | 9232 | Sept. | 25 | G.T.R.  | Ingersoll, Ont.                   | Cleaning out ashes on one engine and run down by other. |
| " | 9237 | Sept. | 15 | G.T.R.  | Kingston Jet., Ont.               | Adjusting brake.  |
| " | 9251 | Oct.  | 9  | C.P.R.  | Grand Coulee, Sask.               | Steam pipe broke.                                       |
| " | 9257 | Aug.  | 14 | K.V.R.  | Cochituhalla, B.C.                | Stepping off engine.                                    |
| " | 9282 | Oct.  | 21 | C.P.R.  | Peterson, Ont.                    | Steam heat equipment blew out.                          |
| " | 9284 | Oct.  | 18 | C.P.R.  | Bolton, Ont.                      | Caught between side rod and driving wheel.              |
| " | 9286 | Oct.  | 9  | G.T.R.  | Belleville Yard, Ont.             | Fell off running board of engine.                       |
| " | 9312 | Oct.  | 2  | G.T.R.  | Guelph Jet., Ont.                 | Shaking grate bars.                                     |
| " | 9316 | Oct.  | 19 | G.T.R.  | Stratford, Ont.                   | Cleaning ashpan.  |
| " | 9317 | Oct.  | 14 | G.T.R.  | London, Ont.                      | Oiling engine.  |
| " | 9321 | Oct.  | 18 | G.T.R.  | Belle River, Ont.                 | Scalded while shifting off steam.                       |
| " | 9322 | Oct.  | 1  | G.T.R.  | Ottawa, Ont., Bank St., Yard.     | Fell from smoke box of engine.                          |
| " | 9323 | Sept. | 25 | C.N.R.  | Pierre Paul, Que.                 | Caught in reverse lever.                                |
| " | 9334 | Oct.  | 17 | G.T.R.  | Lake Frances, Man.                | Opening blow-off pipe.                                  |
| " | 9337 | Oct.  | 28 | G.T.R.  | St. Johns, Que.                   | Fell between engine and tender.                         |
| " | 9341 | Oct.  | 12 | C.N.R.  | Maxville, Ont.                    | Shaking grates.   |
| " | 9343 | Oct.  | 23 | C.N.R.  | Melville, Sask.                   | Tube plug blew out.                                     |
| " | 9363 | Oct.  | 27 | G.T.R.  | Goodwater, Sask.                  | Gas in fire box exploded and blew door open.            |
| " | 9364 | Oct.  | 15 | G.T.R.  | Holmesville, Ont.                 | Knuckle pin broke.                                      |
| " | 9379 | Nov.  | 8  | G.T.R.  | Brighton, Ont.                    | Fell into open manhole.                                 |
| " | 9393 | Oct.  | 17 | G.T.R.  | Monireul, Turcot Shop Track, Que. | Climbing from rail to tank caught hand in coal door.    |
| " | 9397 | Nov.  | 3  | G.T.R.  | Mimico, Ont.                      | Jammed between water crane.                             |
| " | 9399 | Nov.  | 12 | C.P.R.  | Orangeville, Ont.                 | Fell off back of tender.                                |
| " | 9401 | Nov.  | 11 | G.T.R.  | Thorndale, Ont.                   | Struck by water spout while taking water on engine.     |
| " | 9428 | Oct.  | 26 | C.P.R.  | Owen Sound, Ont.                  | Hand caught in firebox door.                            |
| " | 9431 | Nov.  | 18 | G.T.R.  | Hamilton, Ont.                    | Handling washout plug.                                  |
| " | 9431 | Nov.  | 21 | G.T.R.  | Cobourg, Ont.                     | Shaking grates.   |
| " | 9442 | Sept. | 19 | E. & N. | Nanoooc Bay, B.C.                 | Turning top valve.                                      |
| " | 9452 | Oct.  | 29 | C.N.R.  | Oyen, Alta.                       | Gas in firebox exploded.                                |
| " | 9453 | Oct.  | 26 | C.N.R.  | Flaxcombe, Sask.                  | Lever dropped on foot.                                  |
| " | 9454 | Nov.  | 4  | C.N.R.  | Munson, Alta.                     | Cleaning ashpan.  |
| " | 9476 | Nov.  | 23 | C.P.R.  | Christie, Ont.                    | Injector broke.   |
| " | 9477 | Nov.  | 20 | C.P.R.  | McGaw, Ont.                       | Iron nut flew off firebox door.                         |

No. 10.—STATEMENT showing accidents to employees while working on or under engines, investigated during the year ending 31, 1920.—*Concluded.*

| File      | Date     | Railway | Place                       | Remarks                                | Killed | Injured |
|-----------|----------|---------|-----------------------------|--|--------|---------|
| Nov. 9481 | Nov. 26  | C.N.R.  | Brighton, Ont.              | Operating lever slipped                | —      | —       |
| " 9501    | Nov. 13  | C.N.R.  | Parkley, Sask.              | Fell off side of engine                | —      | —       |
| " 9509    | Dec. 6   | G.T.R.  | Montreal, Turcot, Que.      | Fell on coal while on top of tender    | —      | —       |
| " 9510    | Nov. 2   | C.N.R.  | Watrous, Sask.              | Hand caught in firebox door            | —      | —       |
| " 9515    | Nov. 22  | C.P.R.  | Renfrew, Ont.               | Fell off tender of engine              | —      | —       |
| " 9512    | Nov. 3   | C.N.R.  | Warden, Alta.               | Caught between eccentric rod and crank | —      | —       |
| " 9562    | Dec. 1   | C.N.R.  | Rumsey Yard, Alta.          | Opening blow off rock                  | —      | —       |
| " 9563    | Dec. 13  | G.T.R.  | Chatham, Ont.               | Slipped on engine steps                | —      | —       |
| " 9570    | Dec. 14  | G.T.R.  | Elmwood, Ont., 1 mile south | Washout plug blew out                  | —      | —       |
| " 8382    | Dec. 13  | G.T.R.  | Windsor Yard, Ont.          | Fell off engine                        | —      | —       |
| " 8456    | Nov. 18  | C.N.R.  | Melville Yard, Sask.        | Fire blew out of fire box              | —      | —       |
| " 8180    | Jan. 14  | C.P.R.  | St. Marys, Ont.             | Fell off tender while taking water     | —      | —       |
| " 8539    | Feb. 7   | M.C.R.  | Waterford, Ont.             | Fell off tender                        | —      | —       |
| " 8648    | Feb. 1   | G.T.R.  | Madawaska, Ont.             | Opening car heater steam valve         | —      | —       |
| " 8258    | Mar. 2   | G.T.R.  | Pt. St. Charles Yard, Que.  | Pulling crane around                   | —      | —       |
| " 146     | April 13 | G.T.R.  | Vinc, Ont.                  | Hand caught on reverse lever           | —      | —       |
| " 148     | Dec. 16  | C.P.R.  | Chalk River, Ont.           | Fixing headlight                       | 3      | 148     |

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No. 11.—STATEMENT showing the number of highway crossing accidents with the total number of killed and injured by provinces and railways for twelve months ending December 31, 1920.

| Name of Railway.                   | Nova Scotia |    |    | New Brunswick |    |    | Quebec |    |    | Ontario |    |     | Manitoba |    |    | Saskatchewan |    |    | Alberta |    |    | British Columbia |    |     | Total |    |    |
|------------------------------------|-------------|----|----|---------------|----|----|--------|----|----|---------|----|-----|----------|----|----|--------------|----|----|---------|----|----|------------------|----|-----|-------|----|----|
|                                    | Acc.        | K. | I. | Acc.          | K. | I. | Acc.   | K. | I. | Acc.    | K. | I.  | Acc.     | K. | I. | Acc.         | K. | I. | Acc.    | K. | I. | Acc.             | K. | I.  | Acc.  | K. | I. |
| Grand Trunk.....                   |             |    |    |               |    |    | 13     | 4  | 15 | 60      | 11 | 75  |          |    |    |              |    |    |         |    |    | 73               | 15 | 90  |       |    |    |
| Canadian Pacific.....              |             |    |    | 1             |    | 5  | 16     | 9  | 14 | 33      | 15 | 26  |          | 4  | 1  | 3            |    | 2  |         |    |    | 66               | 32 | 63  |       |    |    |
| Canadian National.....             |             |    |    |               |    |    | 4      |    |    | 12      | 5  | 16  |          | 8  | 1  | 13           |    | 4  |         |    |    | 32               | 7  | 43  |       |    |    |
| Napierville, Jet.....              |             |    |    |               |    |    | 1      | 4  | 2  |         |    |     |          |    |    |              |    |    |         |    |    | 1                | 4  | 2   |       |    |    |
| Tor., Hamilton and<br>Buffalo..... |             |    |    |               |    |    |        |    |    |         |    |     |          |    |    |              |    |    |         |    |    |                  |    |     |       |    |    |
| Michigan Central.....              |             |    |    |               |    |    |        |    |    | 2       | 1  | 1   |          |    |    |              |    |    |         |    |    | 2                | 1  | 1   |       |    |    |
| British Columbia<br>Elec.....      |             |    |    |               |    |    |        |    |    | 5       | 4  | 2   |          |    |    |              |    |    |         |    |    | 5                | 4  | 2   |       |    |    |
| Brantford and Ham-<br>ilton.....   |             |    |    |               |    |    |        |    |    |         |    |     |          |    |    |              |    |    |         |    |    | 1                | 1  | 1   |       |    |    |
| Lake Erie and<br>Northern.....     |             |    |    |               |    |    |        |    |    | 3       | 1  | 2   |          |    |    |              |    |    |         |    |    |                  |    |     |       |    |    |
| Pere Marquet(e).....               |             |    |    |               |    |    |        |    |    | 1       |    | 1   |          |    |    |              |    |    |         |    |    |                  |    |     |       |    |    |
| Esquimalt and<br>Nanaimo.....      |             |    |    |               |    |    |        |    |    | 4       |    | 5   |          |    |    |              |    |    |         |    |    | 1                |    | 4   |       |    |    |
| Hamilton Radial.....               |             |    |    |               |    |    |        |    |    | 4       | 2  | 3   |          |    |    |              |    |    |         |    |    |                  |    |     |       |    |    |
| Total.....                         | 1           |    |    | 1             | 1  | 5  | 34     | 17 | 37 | 124     | 39 | 131 | 12       | 2  | 16 | 5            | 8  | 10 | 6       | 10 | 6  | 193              | 68 | 215 | 7     | 4  | 7  |

No. 12.—STATEMENT showing highway crossings at which protection provided, and nature of protection, during period of twelve months ending December 31, 1920.

| File No.  | Order No. | Location of Crossing   | Railway                    | Nature of Protection   |
|-----------|-----------|--|----------------------------|--|
| 26765-141 | 29338     | Guelph, Ont., Victoria road, about 1 mile east.....                | G.T.R. (1).....            | Automatic bell and removal of bank.  |
| 26765-98  | 29408     | Lacan, Ont., Main street.....                                      | G.T.R. (2).....            | Automatic bell and Wig Wag in lieu of watchman.  |
| 26744-6   | 29411     | St. Jean Baptiste, Man., Main road.....                            | C.N.R. (2).....            | Automatic bell and Wig Wag.  |
| 26842-11  | 29471     | Wolland, Ont., Stone road crossing, 2 miles East.....              | M.C.R. (3).....            | Diversion of road, and removal of trees.   |
| 26765-96  | 29490     | Beachville, Ont., Munroe's crossing.....                           | G.T.R. (13).....           | Two automatic bells in lieu of watchman.   |
| 26765-96  | 29021     | Beachville, Ont., Martin street.....                               | G.T.R. (5).....            | Automatic bell; and cars kept off siding between station and crossing, in lieu of watchman.          |
| 9437-147  | 29500     | Toronto, Ont., Eastern Ave., immediately W. of Don river.....      | G.T.R. and C.P.R. (6)..... | Automatic bell.  |
| 9437-147  | 28729     | .....  | E. & N. (4).....           | Watchman between 7 a.m. and 11 p.m.  |
| 25498-1   | 29548     | .....  | G.T.R. (7).....            | Removal of trees and installation of Wig Wag signal in addition to automatic bell already installed. |
| 27318-7   | 29581     | Simcoe, Ont., Victoria street.....                                 | G.T.R. (8).....            | Wig Wag signal, in addition to bell already installed.   |
| 9437-1202 | 29710     | West Hill, Ont., Kingston road.....                                | T.H. & E. (6).....         | Watchman between 7.30 a.m. and 11.30 p.m.  |
| 9437-1267 | 29746     | Ottawa, Ont., Parkdale avenue.....                                 | G.T.R. (9).....            | Removal of obstructions.   |
| 27802-4   | 29760     | Hamilton, Ont., Wellington street south.....                       | C.P.R. (8).....            | Removal of bell now installed to north side of road, and, in addition, install Wig Wag Signal.       |
| 9437-922  | 29837     | Niagara Falls, Ont., Hydro crossing.....                           | C.P.R. (2).....            | Automatic bell and Wig Wag.  |
| 3701-236  | 29930     | Bellefleur, Ont., crossing 2 miles east.....                       | G.T.R. (9).....            | Removal of banks, trees and brush, and install wire fence instead of board fence.                    |
| 26727-61  | 29999     | Guelph, Ont., crossing 1 mile north.....                           | C.P.R. (10).....           | Removal of high ground which obstructs view of track.  |
| 26765-128 | 30046     | Amnargi, Ont., Garrison road.....                                  | C.P.R. (11).....           | Gates, in lieu of watchman.  |
| 26727-53  | 30087     | Twp. of Morris, Ont., side road crossing between lots 5 and 6..... | C.P.R. (12).....           | Automatic bell and Wig Wag signal.   |
| 26727-58  | 30132     | London, Ont., Pall Mall st.....                                    | C.P.R. (13).....           | Speed limitation of six miles an hour.   |
| 9437-292  | 30152     | London, Ont., Waterloo st.....                                     | C.P.R. (14).....           |  |
| 26727-68  | 30348     | Darlington, Ont., crossing near east switch.....                   | C.P.R. (15).....           |  |
| 26711-20  | 30386     | Trenton, Ont., Dufferin st., (Orono sub., main line).....          | C.N.R. (16).....           |  |
| 9437-681  | 30442     | Prescott, Ont., Edward street.....                                 | C.P.R. (17).....           |  |
| 27611-14  | 30478     | Camrose, Alta., first crossing east.....                           | C.P.R. (18).....           |  |



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No. 13.—STATEMENT showing the number of highway crossings at which protection has been ordered by the Board, and the nature of protection set out by Provinces, for twelve months ending December 31, 1920.

| Name of Railway   | Nova Scotia | New Brunswick | Quebec | Ontario |   | Manitoba | Saskatchewan | British Columbia | Alberta. | Total |
|---|-------------|---------------|--------|---------|---|----------|--------------|------------------|----------|-------|
|   |             |               |        |         |   |          |              |                  |          |       |
| Bell and removal of bank.....(1)  |             |               |        | 1       |   |          |              |                  |          | 1     |
| Bell and Wig Wag.....(2)  |             |               |        | 3       | 1 |          |              |                  |          | 4     |
| Diversion and removal of trees.....(3)  |             |               |        | 1       |   |          |              |                  |          | 1     |
| Bell.....(4)  |             |               |        | 1       |   |          |              |                  |          | 1     |
| Bell and cars kept clear between station and crossing.....(5)                       |             |               |        | 1       |   |          |              |                  |          | 1     |
| Watchman (part time only).....(6)   |             |               |        | 2       |   |          |              |                  |          | 2     |
| Wig Wag and removal of trees in addition to bell previously installed.....(7)       |             |               |        | 1       |   |          |              |                  |          | 1     |
| Wig Wag in addition to bell previously installed.....(8)                            |             |               |        | 2       |   |          |              |                  |          | 2     |
| Removal of view obstruction.....(9)   |             |               |        | 3       |   |          |              |                  |          | 3     |
| Gates.....(10)  |             |               |        | 3       |   |          |              |                  |          | 3     |
| Wig Wag and cars kept clear 300', in addition to bell previously installed.....(11) |             |               |        | 1       |   |          |              |                  |          | 1     |
| Speed limitation of six miles an hour.....(12)                                      |             |               |        |         |   |          |              | 1                |          | 1     |
| Two automatic bells (one on each side of double track).....(13)                     |             |               |        | 1       |   |          |              |                  |          | 1     |
|   |             |               |        | 20      | 1 |          |              |                  | 1        | 22    |

No. 14.—STATEMENT showing number of persons killed and injured at public highway crossings, separately, for each year for three years ending March 31, 1919, nine months ending December 31, 1919, and twelve months ending December 31, 1920.

| Year                                    | Gates |    | Bell |    | Watchman |    | Unprotected |     | Total |     |
|---|-------|----|------|----|----------|----|-------------|-----|-------|-----|
|   | K.    | I. | K.   | I. | K.       | I. | K.          | I.  | K.    | I.  |
| 1917.....                               | 10    | 15 | 4    | 10 | 1        | 13 | 43          | 98  | 60    | 136 |
| 1918.....                               | 6     | 15 | 9    | 12 | 5        | 5  | 52          | 119 | 67    | 151 |
| 1919.....                               | 3     | 20 | 10   | 20 | 1        | 7  | 27          | 115 | 41    | 162 |
| Nine months ending Dec. 31, 1919.....   | 4     | 9  | 4    | 7  | 4        | 9  | 36          | 138 | 48    | 163 |
| Twelve months ending Dec. 31, 1920..... | 6     | 14 | 6    | 29 | 4        | 8  | 52          | 164 | 68    | 215 |
|   | 29    | 73 | 33   | 78 | 10       | 42 | 212         | 634 | 284   | 827 |

No. 15.—STATEMENT showing number of highway crossing accidents, the nature of same, for each and every year separately for the three years ending March 31, 1919, nine months ending December 31, 1919, and twelve months ending December 31, 1920.

|                  | Gates |      |       |       |      |      | Watchman |      |       |      |      |       | Bell |      |      |       |       |      | Unprotected |      |      |       |      |      | Total |      |      |      |      |       |      |  |
|------------------|-------|------|-------|-------|------|------|----------|------|-------|------|------|-------|------|------|------|-------|-------|------|-------------|------|------|-------|------|------|-------|------|------|------|------|-------|------|--|
|                  | 1917  |      | 1918  |       | 1919 |      | 1917     |      | 1918  |      | 1919 |       | 1917 |      | 1918 |       | 1919  |      | 1917        |      | 1918 |       | 1919 |      | 1917  |      | 1918 |      | 1919 |       | 1920 |  |
|                  | mos.  | mos. | mos.  | mos.  | mos. | mos. | Total    | mos. | mos.  | mos. | mos. | Total | mos. | mos. | mos. | mos.  | Total | mos. | mos.        | mos. | mos. | Total | mos. | mos. | mos.  | mos. | mos. | mos. | mos. | Total |      |  |
| Automobile...    | 2     | 1    | 3     | 4     | 4    | 14   | 1        | 3    | 1     | 1    | 2    | 8     | 4    | 5    | 13   | 5     | 17    | 44   | 23          | 45   | 49   | 50    | 93   | 36   | 54    | 66   | 60   | 16   | 332  |       |      |  |
| Horse and rig... | 2     | 1    | ..... | ..... | 2    | 5    | 4        | 3    | ..... | 1    | 2    | 10    | 7    | 3    | 1    | ..... | 7     | 18   | 45          | 43   | 28   | 25    | 33   | 174  | 58    | 50   | 29   | 26   | 44   | 207   |      |  |
| Pedestrian ...   | 12    | 9    | 17    | 4     | 13   | 55   | 1        | 1    | 6     | 3    | 3    | 14    | 4    | 4    | 3    | 1     | 3     | 15   | 25          | 21   | 21   | 22    | 12   | 42   | 35    | 47   | 30   | 31   | 185  |       |      |  |
|                  | 16    | 11   | 20    | 8     | 19   | 74   | 6        | 7    | 7     | 5    | 7    | 32    | 15   | 12   | 17   | 6     | 27    | 77   | 99          | 109  | 98   | 97    | 138  | 541  | 136   | 139  | 142  | 116  | 191  | 724   |      |  |

The total 724 accidents covers 284 persons killed and 827 persons injured, as referred to in preceding statement.

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No. 16.—STATEMENT showing the number of trespassers killed and injured by Provinces and Railways for twelve months ending December 31, 1920

| Name of Railway                 | Nova Scotia |    | New Brunswick |    | Quebec |    | Ontario |    | Manitoba |    | Saskatchewan |    | Alberta |    | British Columbia |    | Total |     |
|---------------------------------|-------------|----|---------------|----|--------|----|---------|----|----------|----|--------------|----|---------|----|------------------|----|-------|-----|
|                                 | K.          | I. | K.            | I. | K.     | I. | K.      | I. | K.       | I. | K.           | I. | K.      | I. | K.               | I. | K.    | I.  |
| Grand Trunk                     |             |    |               |    | 12     | 11 | 16      | 39 | 4        | 3  | 1            | 6  | 1       | 4  | 5                | 5  | 28    | 50  |
| Canadian Pacific                |             |    | 1             | 2  | 6      | 10 | 13      | 12 | 1        | 2  | 2            | 1  | 1       | 1  | 1                | 31 | 42    |     |
| Canadian National               |             |    |               |    | 2      | 4  | 2       |    |          |    |              |    |         |    |                  | 8  | 19    |     |
| Hull Electric                   |             |    |               |    | 1      | 1  |         |    |          |    |              |    |         |    |                  | 1  |       |     |
| New York Central                |             |    |               |    |        |    |         |    |          |    |              |    |         |    |                  |    |       |     |
| Grand River                     |             |    |               |    |        |    |         |    |          |    |              |    |         |    |                  |    |       |     |
| Toronto, Hamilton and Buffalo   |             |    |               |    |        |    | 1       | 1  |          |    |              |    |         |    |                  |    |       |     |
| Michigan Central                |             |    |               |    |        |    | 2       |    |          |    |              |    |         |    |                  |    |       |     |
| Maine Central                   |             |    |               |    |        |    | 1       | 1  |          |    |              |    |         |    |                  |    |       |     |
| Brantford and Hamilton          |             |    |               |    |        |    |         |    |          |    |              |    |         |    |                  |    |       |     |
| Windsor, Essex and Lake Shore   |             |    |               |    |        |    |         |    |          |    |              |    |         |    |                  |    |       |     |
| Lake Erie and Northern          |             |    |               |    |        |    |         |    |          |    |              |    |         |    |                  |    |       |     |
| Grand Trunk Pacific             |             |    |               |    |        |    |         |    |          |    |              |    |         |    |                  |    |       |     |
| Vancouver, Victoria and Eastern |             |    |               |    |        |    |         |    |          |    |              |    |         |    |                  |    |       |     |
| Midland                         |             |    |               |    |        |    |         |    |          |    |              |    |         |    |                  |    |       |     |
|                                 |             |    | 1             | 2  | 22     | 26 | 33      | 57 | 5        | 6  | 3            | 7  | 1       | 16 | 8                | 6  | 73    | 120 |

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No. 17.—STATEMENT showing the number of persons killed and injured on the various railways under the jurisdiction of the Board from April 1, 1912, until March 31, 1919, nine months ending December 31, 1919, and twelve months ending December 31, 1920, classified under three headings and shown separately for each and every year.

| Year                | Passengers |       | Employees |        | Others |       | Total |        |
|---------------------|------------|-------|-----------|--------|--------|-------|-------|--------|
|                     | K.         | I.    | K.        | I.     | K.     | I.    | K.    | I.     |
| 1912.....           | 28         | 292   | 230       | 1,381  | 231    | 238   | 489   | 1,911  |
| 1913.....           | 21         | 410   | 303       | 1,603  | 319    | 218   | 643   | 2,231  |
| 1914.....           | 31         | 339   | 249       | 1,250  | 314    | 310   | 594   | 1,899  |
| 1915.....           | 8          | 239   | 99        | 873    | 230    | 251   | 337   | 1,363  |
| 1916.....           | 17         | 140   | 120       | 788    | 200    | 197   | 337   | 1,125  |
| 1917.....           | 16         | 280   | 155       | 1,174  | 212    | 239   | 383   | 1,693  |
| 1918.....           | 22         | 342   | 137       | 1,220  | 174    | 268   | 333   | 1,830  |
| 1919.....           | 28         | 202   | 117       | 1,344  | 119    | 267   | 264   | 1,813  |
| 1919—9 months.....  | 4          | 274   | 91        | 951    | 128    | 277   | 223   | 1,502  |
| 1920—12 months..... | 17         | 379   | 80        | 1,570  | 157    | 381   | 254   | 2,330  |
|                     | 192        | 2,897 | 1,581     | 12,154 | 2,084  | 2,646 | 3,857 | 17,697 |

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No. 18.—STATEMENT showing the number of persons killed and injured in the more prominent accidents on the various railways under the jurisdiction of the Board shown separately for each year of the three years ending March 31, 1919, nine months ending December 31, 1919, and twelve months ending December 31, 1920.

|  | 1917  |     | 1918  |     | 1919  |     | 9 months 1919 |     | 12 months 1920 |       | Total |       |
|--|-------|-----|-------|-----|-------|-----|---------------|-----|----------------|-------|-------|-------|
|  | K.    | I.  | K.    | I.  | K.    | I.  | K.            | I.  | K.             | I.    | K.    | I.    |
| Derailment.....                            | 10    | 234 | 19    | 242 | 9     | 159 | 13            | 247 | 11             | 316   | 62    | 1,198 |
| Collision head on.....                     | 6     | 45  | 6     | 47  | 8     | 57  | 4             | 85  | .....          | 66    | 24    | 300   |
| Collision rear end.....                    | 16    | 42  | 14    | 86  | 3     | 53  | 1             | 15  | 14             | 58    | 48    | 254   |
| Collision in yard.....                     | 3     | 13  | 9     | 58  | 2     | 40  | .....         | 2   | 2              | 45    | 16    | 177   |
| Collision with cars, open switch.....      | 2     | 5   | ..... | 7   | 1     | 7   | 2             | 20  | .....          | 21    | 3     | 70    |
| Collision with cars foul of main line..... | 2     | 5   | ..... | 14  | ..... | 1   | .....         | 1   | .....          | 4     | 2     | 25    |
| Collision at level crossing.....           | 2     | 22  | ..... | 14  | 3     | 18  | .....         | 3   | .....          | 4     | 5     | 61    |
| Highway crossing protected.....            | 15    | 38  | 15    | 32  | 14    | 47  | 12            | 25  | 16             | 51    | 72    | 193   |
| Highway crossing unprotected.....          | 45    | 98  | 52    | 119 | 27    | 115 | 36            | 138 | 52             | 164   | 212   | 634   |
| Adjusting couplers, uncoupling, etc.....   | 5     | 53  | 5     | 70  | 6     | 75  | 3             | 59  | 6              | 101   | 25    | 358   |
| Trespassing.....                           | 129   | 79  | 93    | 64  | 77    | 102 | 64            | 68  | 73             | 120   | 436   | 433   |
| Hand car, motor, struck by train.....      | 6     | 7   | 5     | 11  | 10    | 15  | 7             | 8   | 6              | 44    | 34    | 85    |
| Struck by switch stand, etc.....           | ..... | 19  | ..... | 15  | 2     | 22  | .....         | 25  | .....          | 43    | 2     | 124   |
| Crushed between cars and buildings.....    | 1     | 17  | 1     | 12  | 3     | 13  | .....         | 6   | 3              | 16    | 5     | 64    |
| Falling off passenger train.....           | 4     | 13  | 4     | 13  | 7     | 7   | 1             | 17  | .....          | 24    | 19    | 74    |
| Falling off top of car.....                | 4     | 21  | 6     | 23  | 3     | 37  | 7             | 37  | 3              | 33    | 22    | 151   |
| Falling between cars going over top.....   | 2     | 4   | 1     | 2   | 3     | 9   | 1             | 5   | 3              | 9     | 10    | 22    |
| Jumping off train in motion.....           | 12    | 53  | 6     | 46  | 5     | 46  | 1             | 54  | 4              | 62    | 28    | 261   |
| Attempt to board train in motion.....      | 4     | 30  | 13    | 24  | 3     | 35  | 1             | 31  | .....          | 57    | 21    | 177   |
| Run down by engine of car.....             | 63    | 56  | 43    | 50  | 32    | 54  | 27            | 41  | 26             | 76    | 191   | 277   |
| Locomotive dropping crown sheet.....       | 2     | 2   | 18    | 3   | 1     | 8   | .....         | 4   | .....          | ..... | 19    | 17    |
|  | 329   | 866 | 310   | 952 | 218   | 920 | 180           | 910 | 219            | 1,307 | 1,256 | 4,955 |

No. 19.—STATEMENT showing number of cars inspected together with defects for twelve months ending December 31, 1920.

| Name of Railway               | Cars Inspected | Cars Defective | Per Cent Defective | Grand Total Defects | Complers and parts | Per Cent Defective | Uncoupling Mechanism | Per Cent Defective | Hand-holds | Per Cent Defective | Air Brakes | Per Cent Defective |
|-------------------------------|----------------|----------------|--------------------|---------------------|--------------------|--------------------|----------------------|--------------------|------------|--------------------|------------|--------------------|
| Canadian Pacific              | 31,540         | 1,433          | 4.54               | 1,801               | 60                 | 3.33               | 282                  | 15.65              | 49         | 2.72               | 1,113      | 61.79              |
| Grand Trunk                   | 18,968         | 892            | 4.70               | 1,037               | 40                 | 3.86               | 182                  | 17.55              | 38         | 3.66               | 655        | 63.06              |
| Canadian National             | 82,565         | 416            | 3.01               | 1,464               | 27                 | 5.82               | 119                  | 25.65              | 18         | 3.87               | 234        | 50.43              |
| Grand Trunk Pacific           | 1,695          | 70             | 4.12               | 71                  | 3                  | 4.22               | 19                   | 26.76              | 5          | 7.01               | 31         | 43.66              |
| Pere Marquette                | 270            | 23             | 8.50               | 24                  | 1                  | 4.17               | 3                    | 12.50              | 3          | 4.28               | 20         | 83.33              |
| Toronto, Hamilton and Buffalo | 1,391          | 61             | 4.38               | 70                  | 1                  | 1.43               | 10                   | 14.29              | 3          | 4.28               | 50         | 71.43              |
| Boston and Maine              | 2,906          | 14             | 6.77               | 17                  | 1                  | 1.09               | 1                    | 5.88               | 1          | 3.26               | 12         | 70.59              |
| Michigan Central              | 2,335          | 83             | 3.55               | 92                  | 3                  | 4.48               | 9                    | 9.78               | 3          | 1.50               | 76         | 82.60              |
| Dominion Atlantic             | 565            | 48             | 9.50               | 67                  | 1                  | 2.63               | 12                   | 17.90              | 1          | 5.56               | 41         | 61.20              |
| Halifax and Southwestern      | 310            | 28             | 9.03               | 38                  | 1                  | 2.63               | 9                    | 23.68              | 3          | 3.13               | 20         | 52.63              |
| Algoma Central and Hudson Bay | 260            | 18             | 6.92               | 18                  | 2                  | 3.13               | 2                    | 11.11              | 1          | 3.13               | 11         | 77.77              |
| Quebec Central                | 143            | 45             | 31.46              | 64                  | 2                  | 3.13               | 9                    | 14.06              | 2          | 3.13               | 45         | 70.31              |
| Winnipeg Joint Terminals      | 235            | 4              | 1.70               | 7                   | .....              | .....              | .....                | .....              | .....      | .....              | 7          | 100.00             |
|                               | 66,108         | 3,135          | 4.74               | 3,770               | 139                | 3.69               | 657                  | 17.48              | 123        | 3.21               | 2,318      | 61.48              |

| Name of Railway               | Ladders | Per Cent Defective | Sill Steps | Per Cent Defective | Height of Couplers | Per Cent Defective | Miscellaneous | Per Cent Defective |
|-------------------------------|---------|--------------------|------------|--------------------|--------------------|--------------------|---------------|--------------------|
| Canadian Pacific              | 105     | 5.83               | 145        | 8.05               | 4                  | 0.22               | 43            | 2.38               |
| Grand Trunk                   | 33      | 3.18               | 49         | 4.74               | 13                 | 1.25               | 27            | 2.60               |
| Canadian National             | 12      | 2.51               | 32         | 6.89               | 2                  | 0.43               | 20            | 4.42               |
| Grand Trunk Pacific           | 5       | 7.04               | 4          | 5.63               | 4                  | .....              | 4             | 5.63               |
| Pere Marquette                | .....   | .....              | .....      | .....              | .....              | .....              | .....         | .....              |
| Toronto, Hamilton and Buffalo | 4       | 5.71               | 1          | 1.43               | .....              | .....              | 1             | 1.43               |
| Boston and Maine              | 1       | 5.88               | 3          | 17.65              | .....              | .....              | .....         | .....              |
| Michigan Central              | .....   | .....              | .....      | .....              | 2                  | 2.07               | 1             | 1.09               |
| Dominion Atlantic             | 2       | 2.98               | 8          | 11.94              | .....              | .....              | .....         | .....              |
| Halifax and Southwestern      | 1       | 2.61               | 3          | 7.89               | .....              | .....              | 1             | 2.61               |
| Algoma Central and Hudson Bay | 1       | 5.56               | .....      | .....              | .....              | .....              | .....         | .....              |
| Quebec Oriental               | 2       | 3.12               | 4          | 6.25               | .....              | .....              | .....         | .....              |
| Winnipeg Joint Terminals      | .....   | .....              | .....      | .....              | .....              | .....              | .....         | .....              |
|                               | 166     | 4.40               | 249        | 6.60               | 21                 | 0.55               | 97            | 2.57               |

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No. 20.—STATEMENT showing defective safety appliances on freight cars as reported by the inspectors for twelve months ending December 31, 1920.

| COUPLERS AND PARTS                        |     | AIR BRAKES  |       |
|---|-----|---|-------|
| Coupler body broken.....                  | 8   | Triple valve defective.....   |       |
| Coupler body worn.....                    | 1   | Triple valve missing.....   |       |
| Guard arm short.....                      | 14  | Reservoir defective.....  |       |
| Knuckle broken.....                       | 1   | Reservoir loose.....  | 1     |
| Knuckle worn.....                         |     | Cylinder defective.....   | 15    |
| Knuckle missing.....                      | 6   | Cylinder loose.....   | 38    |
| Knuckle pin broken.....                   | 4   | Cylinder and triple valve not cleaned within twelve months.....     | 32    |
| Knuckle pin wrong.....                    |     | Cylinder and triple valve not stencilled with date of cleaning..... |       |
| Knuckle pin bent.....                     |     | Cut out cock defective.....   | 64    |
| Knuckle pin missing.....                  | 6   | Release cock defective.....   | 4     |
| Lock block broken.....                    | 95  | Release cock missing.....   | 2     |
| Lock block worn.....                      |     | Release rod broken.....   | 132   |
| Lock block wrong.....                     |     | Release rod missing.....  | 103   |
| Lock block bent.....                      |     | Angle cock defective.....   | 137   |
| Lock block inoperative.....               | 1   | Angle cock missing.....   | 5     |
| Lock block missing.....                   | 1   | Train pipe broken.....  | 15    |
| Lock block key missing.....               | 1   | Train pipe loose.....   | 52    |
| Lock block trigger missing.....           | 1   | Train pipe bracket missing.....                                     | 66    |
|   |     | Crossover pipe defective.....                                       | 20    |
| Total.....                                | 139 | Hose defective.....   | 2     |
|   |     | Hose missing.....   | 52    |
| UNCOUPLING MECHANISM                      |     | Hose gasket missing.....  | 10    |
| Uncoupling lever broken.....              | 33  | Retaining valve defective.....                                      | 29    |
| Uncoupling lever wrong.....               | 6   | Retaining valve missing.....  | 6     |
| Uncoupling lever bent.....                | 37  | Retaining pipe defective.....                                       | 92    |
| Uncoupling lever incorrectly applied..... | 6   | Retaining pipe missing.....   | 6     |
| Uncoupling lever missing.....             | 28  | Brake rigging defective.....  | 178   |
| Uncoupling chain broken.....              | 464 | Brake cut out.....  | 1,252 |
| Uncoupling chain too long.....            | 3   | Brake cut out card old.....   |       |
| Uncoupling chain too short.....           | 2   | No brakes of any kind.....  | 4     |
| Uncoupling chain kinked.....              | 1   | Pump missing.....   | 1     |
| Uncoupling chain missing.....             | 31  |   |       |
| End casting broken.....                   | 4   | Total.....  | 2,318 |
| End casting wrong.....                    |     |   |       |
| End casting bent.....                     |     | LADDERS   |       |
| End casting loose.....                    | 6   | Ladder round broken.....  | 18    |
| End casting incorrectly applied.....      |     | Ladder round bent.....  | 101   |
| End casting missing.....                  | 9   | Ladder round loose.....   | 8     |
| Keeper broken.....                        | 5   | Ladder round missing.....   | 4     |
| Keeper wrong.....                         |     | Ladder loose.....   | 7     |
| Keeper bent.....                          | 1   | Ladder incorrectly applied.....                                     | 28    |
| Keeper loose.....                         | 13  |   |       |
| Keeper incorrectly applied.....           | 1   | Total.....  | 166   |
| Keeper missing.....                       | 7   |   |       |
| Angle clip loose.....                     |     | SILL STEPS  |       |
| Total.....                                | 657 | Sill step broken.....   | 5     |
|   |     | Sill step bent.....   | 227   |
| HANDHOLDS                                 |     | Sill step loose.....  | 4     |
| Handhold broken.....                      | 10  | Sill steps incorrectly applied.....                                 | 10    |
| Handhold bent.....                        | 92  | Sill step missing.....  | 3     |
| Handhold loose.....                       | 12  |   |       |
| Handhold incorrectly applied.....         | 2   | Total.....  | 249   |
| Handhold missing.....                     | 7   |   |       |
| Total.....                                | 123 | MISCELLANEOUS—Total.....  |       |
|   |     |   | 97    |
| HEIGHT OF COUPLERS                        |     | Grand total.....  | 3,770 |
| Coupler too high.....                     |     |   |       |
| Coupler too low.....                      | 9   |   |       |
| Carrier iron loose.....                   | 12  |   |       |
| Total.....                                | 21  |   |       |

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No. 21A.—STATEMENT of defects on freight cars shown separately for three years ending March 31, 1919, nine months ending December 31, 1919, and twelve months ending December 31, 1920.

|                           | 1917  | 1918  | 1919  | Nine months ending Dec. 31, 1919 | Twelve months ending Dec. 31, 1920 | Total  |
|---------------------------|-------|-------|-------|----------------------------------|------------------------------------|--------|
| Couplers and parts.....   | 100   | 54    | 109   | 71                               | 139                                | 473    |
| Uncoupling mechanism..... | 548   | 470   | 809   | 398                              | 657                                | 2,882  |
| Handholds.....            | 291   | 158   | 152   | 55                               | 123                                | 779    |
| Air brakes.....           | 1,887 | 1,710 | 2,959 | 1,507                            | 2,318                              | 10,381 |
| Ladders.....              | 99    | 97    | 142   | 71                               | 166                                | 575    |
| Sill steps.....           | 195   | 158   | 236   | 179                              | 249                                | 1,017  |
| Height of couplers.....   | 4     | 6     | 11    | 9                                | 21                                 | 51     |
| Miscellaneous.....        | 371   | 214   | 342   | 92                               | 97                                 | 1,116  |
|                           | 3,495 | 2,867 | 4,760 | 2,382                            | 3,770                              | 17,274 |



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No. 21B.—STATEMENT of Cars Inspected and Defective Shown Separately for Three Years Ending March 31, 1919, Nine Months Ending December 31, 1919, and Twelve Months Ending December 31, 1920.

|                          | 1917   | 1918   | 1919   | Nine months ending Dec. 31, 1919 | Twelve months ending Dec. 31, 1920 | Total   |
|--------------------------|--------|--------|--------|----------------------------------|------------------------------------|---------|
| Cars inspected.....      | 58,073 | 52,224 | 77,261 | 45,871                           | 66,108                             | 299,537 |
| Cars defective.....      | 2,957  | 2,499  | 4,232  | 2,142                            | 3,135                              | 14,965  |
| Percentage defective.... | 5.09   | 4.79   | 5.48   | 4.67                             | 4.74                               | 4.99    |







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|   |    |    |     |    |     |    |    |    |    |    |    |    |       |       |
|---|----|----|-----|----|-----|----|----|----|----|----|----|----|-------|-------|
| 38 Packing nuts.....  | 1  | 5  | 3   | 12 | 2   | 13 | 20 | -  | 26 | 3  | 5  | 5  | 5     | 1,518 |
| 39 Packing, piston rod and valve stem.....                            | 16 | 58 | 101 | 20 | 1   | 27 | 91 | 14 | 85 | 23 | 9  | 15 | 9,146 |       |
| 40 Pilots or pilot beams.....   | 1  | 5  | 3   | 12 | 1   | 7  | 13 | -  | 20 | 3  | 5  | 5  | 1,235 |       |
| 41 Plugs or studs.....  | 6  | 9  | 3   | 60 | 100 | 26 | 14 | -  | 24 | 13 | 56 | 33 | 13    |       |
| 42 Reversing gear.....  |    |    |     |    |     |    |    |    |    |    |    |    |       |       |
| 43 Rods, main or side, crank pins or collars.....                     |    |    |     |    |     |    |    |    |    |    |    |    |       |       |
| 44 Safety valves.....   |    |    |     |    |     |    |    |    |    |    |    |    |       |       |
| 45 Sanders.....   |    |    |     |    |     |    |    |    |    |    |    |    |       |       |
| 46 Springs or spring rigging.....                                     |    |    |     |    |     |    |    |    | 3  |    |    |    |       |       |
| 47 Squirt hose.....   |    |    |     |    |     |    |    |    |    |    |    |    |       |       |
| 48 Staybolts.....   |    |    |     |    |     |    |    |    |    |    |    |    |       |       |
| 49 Staybolts broken.....  |    |    |     |    |     |    |    |    |    |    |    |    |       |       |
| 50 Steam pipes.....   |    |    |     |    |     |    |    |    |    |    |    |    |       |       |
| 51 Steam Valves.....  |    |    |     |    |     |    |    |    |    |    |    |    |       |       |
| 52 Steps.....   |    |    |     |    |     |    |    |    | 2  |    |    |    |       |       |
| 53 Tanks or tank valves.....  |    |    |     |    |     |    |    |    |    |    |    |    |       |       |
| 54 Telltale holes.....  |    |    |     |    |     |    |    |    |    |    |    |    |       |       |
| 55 Throttle or throttle rigging.....                                  |    |    |     |    |     |    |    |    |    |    |    |    |       |       |
| 56 Trucks, engine or trailing.....                                    |    |    |     |    |     |    |    |    | 2  |    |    |    |       |       |
| 57 Trucks, tender.....  |    |    |     |    |     |    |    |    | 1  |    |    |    |       |       |
| 58 Valve motion.....  |    |    |     |    |     |    |    |    |    |    |    |    |       |       |
| 59 Washout plugs.....   |    |    |     |    |     |    |    |    |    |    |    |    |       |       |
| 60 Water bar or combustion flues.....                                 |    |    |     |    |     |    |    |    |    |    |    |    |       |       |
| 61 Waterglass, fittings or shields.....                               |    |    |     |    |     |    |    |    |    |    |    |    |       |       |
| 62 Wheels.....  |    |    |     |    |     |    |    |    |    | 4  |    |    |       |       |
| 63 Miscellaneous, signal appliance, badge, plates, brakes (hand)..... | 1  |    | 1   | 6  | 6   |    | 4  |    | 6  | 1  | 5  |    | 87    |       |
| 64 Fire protective appliances.....                                    |    |    |     |    |     |    |    |    |    |    |    |    | 449   |       |
| Number of defects.....  | 1  | 5  | 3   | 12 | 2   | 13 | 20 |    | 26 | 3  | 5  | 5  | 1,518 |       |
| Locomotives inspected.....  | 16 | 58 | 101 | 20 | 1   | 27 | 91 | 14 | 85 | 23 | 9  | 15 | 9,146 |       |
| Locomotives defective.....  | 1  | 5  | 3   | 12 | 1   | 7  | 13 | -  | 20 | 3  | 5  | 5  | 1,235 |       |
| Percentage inspected, found defective.....                            | 6  | 9  | 3   | 60 | 100 | 26 | 14 | -  | 24 | 13 | 56 | 33 | 13    |       |

**APPENDIX "D"****REPORT OF THE CHIEF FIRE INSPECTOR OF THE BOARD FOR THE  
TWELVE MONTHS ENDING DECEMBER 31, 1920**

Mr. A. D. CARTWRIGHT,  
Secretary, Board of Railway Commissioners,  
Ottawa, Ont.

SIR:—I have the honour to submit, for the sixteenth annual report of the Board, the annual report of the Fire Inspection Department for the year ending December 31, 1920.

**ORGANIZATION**

The organization for local inspection has continued, in co-operation with the Dominion and provincial forest fire protective organizations, along substantially the same lines as previously reported.

**RAILWAY FIRE PATROLS**

The patrol requirements were generally well carried out by the railways. On certain portions of the Canadian National and Grand Trunk Pacific lines in Alberta and British Columbia it was found necessary to intensify the patrols, and supplementary requirements were issued to the companies concerned. This action was made necessary by the increased fire hazard, due to a period of drought, coupled with the use, as locomotive fuel, of light-bodied grades of coal.

The only complaint received during the fire season with respect to the maintenance of special patrols was as to the requirements for the Brazeau subdivision of the Canadian National Railways, where there was room for considerable improvement.

Reference was made in the last annual report of this Department to trials being under way to demonstrate the feasibility of handling special patrols by section forces. These experiments have continued during the past year, particularly on Canadian Pacific lines in British Columbia, and there is every prospect of the plan being adopted on a material scale during the ensuing year, under conditions to be prescribed by the Chief Fire Inspector.

**FIRE STATISTICS**

The fire season of 1920 in the eastern and western sections of the Dominion was a hazardous one, while in the central sections or Prairie Provinces conditions were on the whole favourable to fire protection.

Extremely dry weather was experienced during the month of May and the early part of June in the provinces of Nova Scotia, New Brunswick and Quebec. Hot, dry weather, with high winds, was experienced during July, August and September in British Columbia, particularly between the Alberta boundary and Fort George, and down the valley of the North Thompson river.

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A grand total of 1,732 fires from all causes were reported as having originated within 300 feet of railway lines in forested territory, along railways subject to the jurisdiction of the Board, as follows:—

| Province                   | Number of fires | Per cent of total |
|----------------------------|-----------------|-------------------|
| British Columbia. . . . .  | 524             | 30.3              |
| Prairie Provinces. . . . . | 480             | 27.7              |
| Ontario. . . . .           | 504             | 29.1              |
| Quebec. . . . .            | 134             | 7.7               |
| New Brunswick. . . . .     | 34              | 2.0               |
| Nova Scotia. . . . .       | 56              | 3.2               |
| Totals. . . . .            | 1,732           | 100.0             |

Of these, 745 are class A fires, covering less than one-fourth acre each, and doing no damage, while 987 are class B fires which burned over 106,853 acres and destroyed forest growth and forest products valued at \$222,931 and other property valued at \$75,913, a total of \$298,844.

Of the grand total 1,483 fires, or 85.62 per cent were definitely attributed to railway agencies; 61 fires or 3.52 per cent, to known causes other than railways, and 188 fires or 10.85 per cent to unknown causes.

Of the total area of 106,853 acres burned over, 92.31 per cent is chargeable to railway causes, 1.22 per cent to known causes other than railways, and 6.47 per cent to unknown causes.

Of the total of \$298,844 damage, the railways are definitely charged with 93.88 per cent; 2.31 per cent of the damage is due to known causes other than railways, and 3.81 per cent to unknown causes.

Of the 1,483 fires which the railways are definitely charged with having caused, 1,414, or 81.65 per cent of the grand total, are attributed to sparks from locomotives, and 69 fires, or 3.97 per cent of the grand total, to employees.

There has been a serious increase in the number of fires set by locomotive sparks during recent years. This may be attributed in part to increased railway mileage, and in part to an increase in the number of locomotives in use. In the judgment of this department, however, the principal factors are to be found elsewhere. In the sections of this report relating to coal fuel and to fire protective appliances on locomotives, this situation is elaborated further.

The Canadian Government Railways, although administered as a part of the Canadian National Railways System, are not yet under the Board's jurisdiction, and are consequently not covered in this report. This includes the following lines: Intercolonial, including Salisbury and Albert, Moncton and Buctouche, Elgin and Havelock, Caraquet, and International Railway of New Brunswick; Prince Edward Island Railway; New Brunswick and Prince Edward Island Railway; St. John and Quebec Railway; Transcontinental Railway, Moncton to Winnipeg, and the Lake Superior Branch; and Hudson Bay Railway.





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|                                     |       |       |       |       |     |        |     |     |          |
|-------------------------------------|-------|-------|-------|-------|-----|--------|-----|-----|----------|
| Settlers, Class B.....              | 1     | 5     | 2     | 6     | 1   | 17     | 1   | 1   | 17       |
| Other known causes, Class A.....    | 4     | 4     | 3     | 3     | 3   | 11     | 3   | 3   | 11       |
| Other known causes, Class B.....    | 3     | 3     | 4     | 5     | 2   | 18     | 4   | 4   | 18       |
| Total of Class A fires.....         | 7     | 10    | 7     | 12    | 5   | 21     | 7   | 7   | 21       |
| Total of Class B fires.....         | 2     | 10    | 7     | 12    | 3   | 40     | 4   | 4   | 40       |
| Total of all known causes.....      | 9     | 10    | 12    | 19    | 3   | 61     | 4   | 4   | 61       |
| 2. Areas burned (Acres)—            |       |       |       |       |     |        |     |     |          |
| (a) Young forest growth.....        |       | 20    |       | 3     | 55  | 78     |     |     | 78       |
| (b) Timber land.....                |       | 101   |       | 681   | 105 | 1,059  |     |     | 1,059    |
| (c) Slausling or old burn.....      | 50    | 6     | 101   | 29    | 13  | 164    | 14  | 4   | 164      |
| (d) Other classes of land.....      | 30    | 6     | 29    | 13    | 4   | 102    | 82  | 4   | 102      |
| (e) Total.....                      | 80    | 130   | 130   | 689   | 160 | 1,303  | 96  | 4   | 1,303    |
| 3. Value of property destroyed—     |       |       |       |       |     |        |     |     |          |
| (a) Young forest growth.....        | \$    | 69    | \$    | 15    | \$  | 84     |     |     | \$ 84    |
| (b) Standing timber.....            |       | 155   |       | 5,420 | 50  | 343    | 188 | 1   | 343      |
| (c) Forest products.....            | 789   | 214   |       |       |     | 6,474  |     |     | 6,474    |
| (d) Other property.....             |       | 283   |       | 5,435 | 50  | 6,901  | 188 | 1   | 6,901    |
| (e) Total.....                      | 789   | 283   | 155   | 5,435 | 50  | 6,901  | 188 | 1   | 6,901    |
| C. FIRES OF UNKNOWN ORIGIN          |       |       |       |       |     |        |     |     |          |
| (a) Total of Class A fires.....     | 11    | 9     | 8     | 16    |     | 48     |     |     | 48       |
| (b) Total of Class B fires.....     | 28    | 34    | 19    | 34    | 8   | 140    | 3   | 8   | 140      |
| (c) Total of all unknown fires..... | 39    | 43    | 27    | 50    | 8   | 188    | 3   | 11  | 188      |
| 2. Areas burned in acres—           |       |       |       |       |     |        |     |     |          |
| (a) Young forest growth.....        | 135   | 381   | 788   | 117   |     | 1,584  |     |     | 1,584    |
| (b) Timber land.....                | 70    | 15    |       | 6     | 15  | 136    |     | 150 | 136      |
| (c) Slausling or old burn.....      | 247   | 2,205 | 134   | 303   | 158 | 3,815  | 25  | 683 | 3,815    |
| (d) Other classes of land.....      | 936   | 34    | 139   | 240   | 2   | 1,383  | 30  | 30  | 1,383    |
| (e) Total.....                      | 1,388 | 2,635 | 1,061 | 726   | 175 | 6,918  | 28  | 863 | 6,918    |
| 3. Value of property destroyed—     |       |       |       |       |     |        |     |     |          |
| (a) Young forest growth.....        | \$    | 1,156 | \$    | 4,215 | \$  | 6,448  |     |     | \$ 6,448 |
| (b) Standing timber.....            | 900   | 105   |       | 90    |     | 1,245  | 15  | 50  | 1,245    |
| (c) Forest products.....            |       | 680   |       | 5     | 205 | 685    |     |     | 685      |
| (d) Other property.....             |       | 98    | 1,001 | 1,258 | 205 | 3,011  | 55  | 304 | 3,011    |
| (e) Total.....                      | 1,600 | 2,039 | 5,306 | 1,655 | 205 | 11,389 | 70  | 304 | 11,389   |

SUMMARY of reports on fires in Forest Sections originating within 300 feet of track on Railway Lines subject to the jurisdiction of the Board of Railway Commissioners for Canada, Season of 1920—*Concluded*

|  | Canadian Pacific (Western) Lines (a) | Canadian Pacific (Eastern) Lines (b) | Canadian National (Western) Lines (c) | Canadian National (Eastern) Lines (c) | Grand Trunk Pacific | Grand Trunk | Great Northern | Edmonton-Dunvegan and British Columbia | Algonia Central and Hudson Bay | Miscellaneous (c) | Totals    |
|--|--------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|---------------------|-------------|----------------|--|--------------------------------|-------------------|-----------|
| <b>D. GRAND TOTALS FOR ALL CAUSES</b>  |                                      |                                      |                                       |                                       |                     |             |                |  |                                |                   |           |
| <b>1. Number—</b>                      |                                      |                                      |                                       |                                       |                     |             |                |  |                                |                   |           |
| (a) Total of all Class A fires.....    | 146                                  | 37                                   | 65                                    | 272                                   | 156                 | 15          | 7              | 41                                     | 5                              | 16                | 745       |
| (b) Total of all Class B fires.....    | 161                                  | 158                                  | 148                                   | 167                                   | 140                 | 15          | 31             | 101                                    | 23                             | 37                | 987       |
| (c) Total of all fires reported.....   | 310                                  | 195                                  | 213                                   | 439                                   | 296                 | 15          | 38             | 145                                    | 28                             | 53                | 1,732     |
| <b>2. Acres burned in acres—</b>       |                                      |                                      |                                       |                                       |                     |             |                |  |                                |                   |           |
| (a) Young forest growth.....           | 397                                  | 9,281                                | 10,096                                | 37,764                                | 1,076               | 129         | 70             | 241                                    | 7,151                          | 1,519             | 67,724    |
| (b) Timber land.....                   | 1,115                                | 512                                  | 1,773                                 | 5,974                                 | 1,024               | 130         | 195            | 215                                    | 1,523                          | 128               | 12,889    |
| (c) Slashing or old burn.....          | 1,343                                | 3,482                                | 1,214                                 | 8,805                                 | 850                 | 629         | 1,479          | 317                                    | 1,325                          | 8                 | 19,482    |
| (d) Other classes of land.....         | 2,113                                | 204                                  | 2,663                                 | 462                                   | 714                 | 6           | 302            | 217                                    | 34                             | 43                | 6,758     |
| (c) Total.....                         | 4,968                                | 13,479                               | 15,746                                | 53,005                                | 3,664               | 834         | 2,346          | 1,020                                  | 10,033                         | 1,698             | 106,853   |
| <b>3. Value of property destroyed—</b> |                                      |                                      |                                       |                                       |                     |             |                |  |                                |                   |           |
| (a) Young forest growth.....           | \$ 2,874                             | \$ 6,411                             | \$25,583                              | \$66,031                              | \$ 7,013            | \$ 136      | \$ 115         | \$ 823                                 | \$ 9,551                       | \$ 1,772          | \$120,309 |
| (b) Standing timber.....               | 3,296                                | 4,465                                | 14,088                                | 23,296                                | 13,463              | 165         | 1,025          | 430                                    | 1,780                          | 3,917             | 66,165    |
| (c) Forest products.....               | 6                                    | 705                                  | 3,090                                 | 22,206                                | 250                 | .....       | 188            | 52                                     | 7,560                          | 2,400             | 36,457    |
| (d) Other property.....                | 1,415                                | 1,643                                | 2,506                                 | 38,356                                | 445                 | .....       | 212            | 165                                    | 2,201                          | 28,928            | 75,913    |
| (c) Total.....                         | 7,501                                | 13,224                               | 45,267                                | 119,889                               | 21,171              | 643         | 1,540          | 1,470                                  | 21,092                         | 37,017            | 298,844   |

(a) Includes Esquimaux and Nanaimo and Kettle Valley Railways;  
 (b) Includes Dominion Atlantic, Fredericton, and Grand Lake Coal and Railway, and Quebec Central Railway;  
 (c) Includes Canadian National Railway Lines subject to the Board's jurisdiction. Excludes Canadian Government Railways (Transcontinental, Intercolonial, and Hudson Bay Railways);  
 (d) Includes Halifax and South Western Railway;  
 (e) Includes following lines: Algonia Eastern; Atlantic, Quebec, and Western; Cumberland Railway and Coal Co.; Quebec, Montreal, and Southern; Quebec Oriental; Temiscouata; and White Pass and Yukon.  
 NOTE—No fires were reported during 1920 as originating within 300 feet of track along the following lines: Boston and Maine; New Brunswick Coal and Railway; Maine Central; Ottawa and New York; Western Power Company of Canada.  
 Class A fires are those which cover an area of less than one-fourth acre.  
 Class B fires are those which cover an area of one-fourth acre or more.

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## OIL FUEL

During the past year, the use of oil as locomotive fuel was continued on 1,241 miles of track, distributed as follows: Canadian National Railways (Grand Trunk Pacific Railway) between Prince George and Prince Rupert, 468 miles; Canadian Pacific Railway, British Columbia District, between Field and Kamloops, also between North Bend and Vancouver, and on the Arrow Lake and Okanagan Subdivisions, a total of 462 miles; Great Northern Railway lines in southern British Columbia, 115 miles; Esquimalt and Nanaimo Railway on Vancouver Island, 199 miles.

Recent reports are to the effect that the use of oil as locomotive fuel is to be abandoned, and a reversion to coal fuel is to be effected on the following portions of the lines indicated in the foregoing paragraph: Canadian Pacific, all lines except between Field and Revelstoke; Great Northern, all lines in southern British Columbia.

On the Canadian Pacific, between Revelstoke and Kamloops, it is announced that oil fuel will be continued on passenger engines, while coal fuel will be in use on freight engines.

Arrangements are to be made for special fire patrols on lines through forested territory where the use of oil fuel is to be discontinued in whole or in part.

## COAL FUEL

The considerable increase in the number of fires set by sparks from locomotives may properly be attributed in part to a general lowering in the quality of locomotive fuel now used, more particularly on western lines, where there has been a much greater use of free-burning, light-bodied, non-coking coals. The logical remedy for this situation is, however, not the enforced discontinuance of this class of fuel, but the development of a fire protective device for locomotive front ends that will enable such fuel to be used with safety. On the other hand, pending such action, the use of these coals as locomotive fuel should be restricted to the winter months, so far as available supplies of the heavier grades of coal, possessing coking qualities, will permit. So far as action along these lines is impracticable, the obvious remedy is intensified fire patrol.

One specific complaint was received to the effect that lignite coal was being burned as locomotive fuel. On investigation it was found that a mixture of light-bodied non-coking coals together with higher grade coal was being used in which the percentage of low grade coals was excessive.

## FIRE PROTECTIVE APPLIANCES ON LOCOMOTIVES

During the fire season, 2,269 inspections of fire protective appliances on locomotives, operating through forested territory, were made by officers of the Fire Inspection Department. Of this total, the fire protective appliances on 406 locomotives, or 17.89 per cent, were found to be in a defective state.

The Master Mechanics front end will not entirely prevent the setting of fires by locomotive sparks, even when in perfect condition. This situation is rendered doubly serious when free-burning, light-bodied, non-coking coals are used as locomotive fuel during periods of extreme drought, as has been the case in the West, particularly during 1920. The summer use of such fuel was made necessary by the fact that adequate supplies of other grades could not be secured. There is the most urgent need for the development of a front-end appliance that will render safe the use of the class of coals in question; these coals are excellent from the viewpoint of steaming qualities, but they spark excessively.

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The following summary indicates the number of locomotives inspected and the number found defective on the more important lines:—

## SUMMARY OF INSPECTION OF LOCOMOTIVES, 1920.

| Railway  | Province  | Number Inspected | Number Defective | Per Cent Defective |
|--|---|------------------|------------------|--------------------|
| Canadian Pacific .....                                   | New Brunswick.....                              | 72               | 55               | 76.4               |
| Canadian Pacific .....                                   | Quebec.....                                     | 121              | 6                | 4.9                |
| Canadian Pacific.....                                    | Ont.....  | 629              | 110              | 17.5               |
| Canadian Pacific.....                                    | Western lines.....                              | 97               | 7                | 7.2                |
| Canadian National.....                                   | Quebec.....                                     | 44               | 1                | 2.27               |
| Canadian National.....                                   | Ontario.....                                    | 338              | 25               | 7.4                |
| Canadian National.....                                   | Western lines.....                              | 245              | 37               | 15.1               |
| Grand Trunk.....   | Quebec.....                                     | 26               | 1                | 3.85               |
| Grand Trunk.....   | Ontario.....                                    | 214              | 11               | 5.1                |
| Grand Trunk Pacific.....                                 | Prairie Provinces and<br>British Columbia ..... | 165              | 61               | 37.0               |
| Quebec Oriental and Atlantic, Quebec and<br>Western..... | Quebec.....                                     | 10               | 4                | 40.0               |
| Algoma Central and Hudson Bay.....                       | Ontario.....                                    | 25               | 3                | 12.0               |
| Algoma Eastern.....                                      | Ontario.....                                    | 25               | 13               | 52.0               |
| Great Northern.....                                      | British Columbia.....                           | 27               | 14               | 51.8               |
| Kettle Valley.....                                       | British Columbia.....                           | 44               | 24               | 54.5               |
| Edmonton, Dunvegan and British<br>Columbia.....          | Alberta.....                                    | 75               | 16               | 21.3               |

## RIGHT OF WAY CLEARING

Systematic clearing of rights of way was carried on throughout the year, though to less extent than should have been the case. Very little progress was made, for example, on the Ontario lines of the Canadian National Railways.

During the year several specific complaints were received as to unsatisfactory conditions existing upon certain portions of the rights of way of following lines: Canadian Pacific Eastern Lines, Piles and St. Maurice subdivisions; Canadian National Eastern Lines, Batiscan and Jonquiere subdivisions; Canadian National Western Lines, Brazeau subdivision; Grand Trunk Pacific, Fraser subdivision; Kettle Valley and Great Northern Railways. In each case, the matter was taken up directly with the Company concerned which usually resulted in instructions being issued and action being instituted to have the necessary work proceeded with. Considerable right of way clearing work was carried out by the Canadian Pacific Railway on the Calgary subdivision through the Rocky Mountains Park, also by the Canadian National Railway and Esquimalt and Nanaimo Railway on their Vancouver Island lines.

Early in the year, the railways issued special instructions to their employees, with respect to spring burning off of rights of way, and a large amount of this class of work was accomplished. In some districts the work was greatly handicapped by extreme dry weather and high winds.

## COMPLAINTS RE RIGHTS OF WAY

Failure to remove noxious weeds from right of way in accordance with section 279, Railway Act, 1919:—

|                                |   |
|--------------------------------|---|
| Canadian Pacific Railway.....  | 1 |
| Canadian National Railway..... | 1 |

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## FIRE GUARD REQUIREMENTS

During 1917, 1918, and 1919, the several companies concerned were granted optional authority to handle the fire-guarding of wild lands and fenced grazing lands on the basis of an eight-foot ploughed strip instead of a sixteen-foot ploughed strip on certain specified territory in the Prairie Provinces.

This modification of the fire-guard requirements was purely on an experimental basis, to determine what reduction in the cost of ploughing fire-guards could be made consistent with public interest and safety. The experiments having proved satisfactory, the fire guard requirements were revised and amended accordingly, and reissued under date of April 20, 1920.

Under this revision, authority is granted to the respective companies to exercise the option of handling the construction of fire-guards in wild lands and fenced grazing lands on the basis of an eight-foot ploughed strip instead of a sixteen-foot ploughed strip, it being clearly understood that this option shall be exercised only where, after examination, the company is of the opinion that such action can be taken with reasonable regard for the public interest. This optional authority is subject to the following provisos: First, that each company concerned shall notify the Chief Fire Inspector as to the portions of lines where ploughing of fire-guards in wild lands and fenced grazing lands is to be on the basis of an eight-foot ploughed strip; second, that reports shall be submitted to the Chief Fire Inspector monthly, respecting all fires which originate within 300 feet of track in territory where the fire-guarding of wild lands and fenced grazing lands is on the basis of an eight-foot ploughed strip.

Such optional authority does not apply to the Edmonton, Dunvegan and British Columbia Railway west of mileage 228 from Edmonton, or to certain specified portions of the Canadian Pacific Railway lines in southern Alberta, where the ploughing of sixteen-foot guards is still required.

Railway companies were also required to post public notices throughout cultivated sections within the provinces of Manitoba, Saskatchewan and Alberta at public road crossings and stations, notifying land owners and occupants as to the requirements for the ploughing of fire-guards in grain stubble, cultivated hay and grass lands.

## FIRE-GUARD STATISTICS

The Statistical fire-guard report for 1920 shows 14,310.60 track miles of railway lines in the Prairie Provinces subject to the fire-guard requirements, an increase of 54.30 miles over 1919. This is equivalent to 28,621.20 fire-guard miles, since fire-guards are required to be maintained on both sides of the track. The report indicates that 9,101.91 miles of fire-guards were constructed or maintained during the past year, and 19,519.29 miles were, for various reasons, not constructed. Of this, there were exempted by this department 8,550.74 miles; owner of land refused to allow construction, 80.16 miles; land already ploughed, 3,065.15 miles; grain stubble and cultivated hay lands not fire-guarded by owner, 5,630.11 miles. Thus, as to a total of 17,326.16 miles of fire-guards not constructed, the reasons assigned by the companies were considered acceptable, leaving 2,193.13 miles unaccounted for, but which presumably should have been fire-guarded.

SUMMARY of fire guard construction and maintenance by railways in the Provinces of Manitoba, Saskatchewan and Alberta, 1920.

|  | Edmon-<br>ton,<br>Dunvegan<br>and<br>British<br>Columbia | Great<br>Northern | Grand<br>Trunk<br>Pacific | Canadian<br>National | Canadian<br>Pacific | Totals    |
|--|--|-------------------|---------------------------|----------------------|---------------------|-----------|
| Length in track miles.....                               | 406.80   | 162.38            | 2,005.00                  | 5,325.50             | 6,410.92            | 14,310.60 |
| Length in fire guard miles <sup>1</sup> .....            | 813.60   | 324.76            | 4,010.00                  | 10,651.00            | 12,821.84           | 28,621.20 |
| Fire guards constructed (shown in fire guard miles)—     |  |                   |                           |                      |                     |           |
| (a) Grain stubble lands } Fireguarded                    |  | 200.50            | 449.90                    | 926.80               | 1,549.56            | 3,126.76  |
| (b) Cultivated hay lands } by owner                      |  | 40.00             | 30.40                     | 139.60               | 306.60              | 516.60    |
| (c) Fenced grazing lands.....                            | 0.40   | 49.00             | 534.10                    | 467.90               | 1,395.05            | 2,446.45  |
| (d) Wild lands.....                                      |  | 1.50              | 428.10                    | 771.30               | 1,811.20            | 3,012.10  |
| Total miles of fire guards constructed.....              | 0.40   | 291.00            | 1,442.50                  | 2,305.60             | 5,062.41            | 9,101.91  |
| Fire guards not constructed (shown in fire guard miles)— |  |                   |                           |                      |                     |           |
| Exemptions <sup>2</sup> .....                            | 744.41   | 30.00             | 1,034.50                  | 4,223.90             | 2,517.63            | 8,550.74  |
| Owner refuses to allow construction <sup>3</sup> .....   |  |                   | 1.00                      | 8.60                 | 70.56               | 80.16     |
| Unnecessary; land already plowed <sup>4</sup> .....      | 9.00   |                   | 393.50                    | 1,073.90             | 1,588.75            | 3,065.15  |
| (a) Grain stubble lands... Not fire-                     | 37.10  |                   | 950.70                    | 2,146.80             | 2,091.41            | 5,226.01  |
| (b) Cultivated hay lands } guarded by                    | 5.70   |                   | 3.50                      | 266.80               | 128.10              | 404.10    |
| owner <sup>5</sup> .....                                 |  |                   |                           |                      |                     |           |
| Miscellaneous other reasons.....                         | 16.99  | 3.76              | 184.00                    | 625.40               | 1,362.98            | 2,193.13  |
| Total miles of fire guards not constructed               | 813.20   | 33.76             | 2,567.50                  | 8,345.40             | 7,759.43            | 19,519.29 |

<sup>1</sup> Fire guard mileage is double the track mileage, since the construction of fire guards is required on both sides of the track.

<sup>2</sup> Company exempted from fire guard construction, as to portions of line where showing made that such construction is unnecessary or impracticable.

<sup>3</sup> Employees of railway company refused permission, by owner, to enter upon land for purpose of constructing fire guards.

<sup>4</sup> Fire guarding unnecessary, because fields already plowed.

<sup>5</sup> Fire guarding in grain stubble and in cultivated hay lands required only where the land owner or occupant would undertake to plow guard at the reasonable price specified by the Board.

COMPLAINTS RE FIRE GUARDS

The following specific complaints were received during the year 1920:—

- Failure to plough and maintain fire guards—
  - Canadian National Railway... 1
- Owner refuses to permit ploughing of fire guards—
  - Canadian Pacific Railway... 1

One application was received from the Canadian Pacific Railway under clause 4, section "D" of the Fire-Guard Requirements, requesting permission to enter upon land for the purpose of constructing fire-guards, where the land owner refused to allow such construction. On being investigated the matter was arranged amicably.

Respectfully submitted,

CLYDE LEAVITT.  
Chief Fire Inspector.

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## APPENDIX "E"

## THE BOARD OF RAILWAY COMMISSIONERS FOR CANADA

## RECORD ROOM

List of cases appealed to the Supreme Court of Canada, from February 1, 1904, to December 31, 1920

| File No. | Subject   | Decision   |
|----------|---|------------|
| 1114     | Montreal Terminal Railway <i>v.</i> Montreal Street Railway, Pius IX Avenue, Montreal. Question of jurisdiction.  | Allowed.   |
| 1492     | James Bay Railway <i>v.</i> Grand Trunk Railway crossing. Belt line spur. Question of law.  | Dismissed. |
| 383      | Ottawa Electric Railway and City of Ottawa <i>v.</i> Canada Atlantic Railway, <i>re</i> Bank Street subway. Question of law.  | Dismissed. |
| 1621     | Toronto Railway Co., <i>re</i> Order of Board No. 7813 of July 3, 1909, <i>re</i> high level bridge over the Don Improvement and tracks of Canadian Pacific Railway and Grand Trunk Railway, Toronto. Question of jurisdiction. | Dismissed. |
| 588      | <i>Re</i> Toronto Union Station. A. R. Williams expropriation. Question of jurisdiction.  | Dismissed. |
| C. 1680  | Essex Terminal and Windsor, Essex and Lake Shore Railroad crossing township of Sandwich, Ont. Question of law.  | Dismissed. |
| C. 1309  | Robinson <i>v.</i> Grand Trunk Railway, two cent rate. Question of law.   | Dismissed. |
| 689      | Canadian Pacific Railway <i>v.</i> Grand Trunk Railway <i>re</i> branch line at London, Ont. Question of jurisdiction.  | Dismissed. |
| 1497     | T. D. Robinson <i>v.</i> Canadian Northern Railway spur at Winnipeg. Question of jurisdiction.  | Dismissed. |
| 9527     | Montreal Street Railway <i>re</i> rates, Montreal Royal Ward. Question of jurisdiction.   | Allowed.   |
| C. 4719  | Ontario Department of Agriculture <i>v.</i> Grand Trunk Railway <i>re</i> station at Vineland, Ont. Question of jurisdiction.   | Dismissed. |
| C. 3322  | <i>Re</i> Toronto Viaduct. Appeal of Canadian Pacific Railway on question of law.   | Dismissed. |
| C. 4897  | <i>Re</i> fencing and cattleguards. Order No. 7473. Appeal by Canadian Northern Railway on question of jurisdiction.  | Allowed.   |
| C. 4492  | City of Toronto <i>v.</i> Grand Trunk Railway and Canadian Pacific Railway <i>re</i> commutation rates. Question of law.  | Withdrawn. |
| 3378     |   |            |
| C. 2545  | City of Ottawa and County of Carleton <i>re</i> Richmond Road viaduct. Question of jurisdiction.  | Dismissed. |
| 13079    | Grand Trunk Railway <i>v.</i> Canadian Northern Ontario Railway <i>re</i> spur in Township of Scarboro, Ont. Question of jurisdiction.  | Dismissed. |
| C. 3269  | Grand Trunk Railway <i>v.</i> British American Oil Companies <i>re</i> oil rates. Question of law.  | Dismissed. |
| 1519     | Grand Trunk Pacific Railway <i>v.</i> City of Fort William, <i>re</i> location. Question of jurisdiction.   | Dismissed. |
| 11965    | Niagara, St. Catharines and Toronto Railway <i>v.</i> Davy. Question of jurisdiction.   | Allowed.   |
| 9527     | Montreal Street Railway (Montreal, Park and Island Railway) <i>re</i> rates, Mount Royal Ward. Question of jurisdiction.  | Allowed.   |
| 15580    | Clover Bar Coal Co. Ltd., and Wm. Humberstone <i>v.</i> Grand Trunk Pacific Railway and the Clover Bar Sand and Gravel Co. Question of jurisdiction.  | Allowed.   |
| 12682    | Regina Rates Case. Question of law.   | Dismissed. |
| 17963    | Grand Trunk Pacific Railway <i>v.</i> A. E. Purcell, of Saskatoon, Sask. Question of jurisdiction.  | Dismissed. |
| C. 3269  | Canadian Pacific Railway <i>v.</i> British American Oil Companies. Question of jurisdiction.  | Dismissed. |
| 15330    | Grand Trunk Railway and Canadian Pacific Railway <i>v.</i> Canadian Oil Companies. Question of jurisdiction.  | Dismissed. |
| 15330-1  |   |            |
| 20062    | British Columbia Electric Railway Company, Vancouver, Victoria and Eastern Railway <i>v.</i> City of Vancouver, B.C. Question of jurisdiction.  | Dismissed. |
| 27095    |   |            |

LIST of cases appealed to the Supreme Court of Canada, etc.—*Concluded.*

| File No. | Subject  | Decision   |
|----------|--|------------|
| 1487     | E. B. Chambers and W. B. G. Phair <i>v.</i> Canadian Pacific Railway. Question of jurisdiction.....  | Allowed.   |
| 18578    | Canadian Northern Railway Company <i>v.</i> Wm. A. Taylor. Question of jurisdiction.....   | Dismissed. |
| 19435    | Grand Trunk Railway <i>v.</i> City of Edmonton. Question of law.....   | Dismissed. |
| 14329-9  | Montreal Tramways and Montreal Park and Island Railway <i>v.</i> Lachine, Jacques Carrier and Maisonneuve Railway. Question of jurisdiction.....                                     | Allowed.   |
| 23009    | City of Hamilton <i>v.</i> Toronto, Hamilton and Buffalo Railway. Question of jurisdiction.....  | Allowed.   |
| 21428    | Grand Trunk Railway <i>v.</i> Hepworth Silicia Pressed Brick Company. Question of law.....   | Dismissed. |
| 12021-70 | Toronto Railway Company, and City of Toronto <i>v.</i> Canadian Pacific Railway. Question of law and of jurisdiction.....  | Dismissed. |
| 9437-135 | City of Edmonton <i>v.</i> Edmonton and Calgary Railway. Question of law.....  | Dismissed. |
| C. 3935  | Ingersoll Telephone Company (and other independent telephone companies,) <i>v.</i> Bell Telephone Company. Question of law.....  | Dismissed. |
| 27524    | Grand Trunk Railway <i>v.</i> H. Bourassa, of La Prairie, Que. Questions of law and jurisdiction.....  | Withdrawn. |
| 13622    | Great North Western Telegraph Company, submits for opinion of the Court, a question of law involved in matter of general Order. No. 162.   | Abandoned. |
| 27840    | Government of Manitoba and J. H. Ashdown Hardware Co. <i>re</i> 15 per cent increase in freight rates. Question of jurisdiction.....   | Abandoned. |
| 26981    | Canadian Pacific Railway <i>v.</i> Ontario Department of Public Works, <i>re</i> crossings in Township of Kirkpatrick. Question of law.....  | Withdrawn. |
| 11118    | Esquimalt and Nanaimo Railway <i>re</i> rights of City of Victoria to have access over bridge at Victoria Harbour. Question of jurisdiction.....                                     | Abandoned. |
| 28439    | Municipality of Burnaby, B.C. <i>v.</i> British Columbia Electric Railway <i>re</i> commutation rates. Question of jurisdiction.....   | Abandoned. |
| 28950    | City of Toronto <i>v.</i> Toronto Terminal Railway <i>re</i> pressure pipes under Bay, Scott and Yonge Streets, Toronto. Question of law.....  | Dismissed. |
| C. 3378  | Application of Mr. Wagenast for a stated case in <i>re</i> Brampton commutation rate case. Question of law.....  | Dismissed. |
| C. 2987  | Ottawa Electric Railway against Order of Board disallowing proposed increase in passenger rates. Question of jurisdiction.....   | Allowed.   |
| 21404-6  | Board submits stated case for the opinion of the Court on question of jurisdiction in the matter of British Columbia Electric Railway Company's application for increased fares..... | Pending.   |

## SUMMARY

|                |           |
|----------------|-----------|
| Dismissed..... | 27        |
| Allowed.....   | 10        |
| Abandoned..... | 4         |
| Withdrawn..... | 3         |
| Pending.....   | 1         |
| Total.....     | <u>45</u> |



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List of appeals to the Governor-in-Council, February 1, 1904, to December 31, 1920.

| File No. | Subject  | Decision       |
|----------|--|----------------|
| 399      | Bay of Quinte Railway crossing Canadian Pacific Railway at Tweed, Ont.   | Dismissed.     |
| 1455     | James Bay Railway v. Grand Trunk Railway crossing near Beaverton, Ont.   | Dismissed.     |
| 1781     | Grand Trunk Railway v. City of Chatham, Ont., street crossings.  | Dismissed.     |
| 12992    | Maniwaki Branch of Canadian Pacific Railway train service from Ottawa.   | Referred back. |
| 2030     | Re tariffs of certain Yukon Railways.  | Dismissed.     |
| 17716    | Canadian Pacific Railway Longue Pointe spur through town of Maison-neuve, Que.   | Dismissed.     |
| 18787    | South Hazelton Townsite v. Grand Trunk Pacific Railway.  | Allowed.       |
| 3452-30  | J. Y. Rochester re Cameron Bay v. Grand Trunk Pacific Railway.   | Dismissed.     |
| 12912    | Park Avenue Subway, Town of St. Louis v. Canadian Pacific Railway.   | Dismissed.     |
| 17040    | Lambton to Weston spur and Canadian Pacific Railway.   | Abandoned.     |
| C. 3322  | Toronto Viaduct Case.  | Dismissed.     |
| 12021-70 | City of Toronto re Toronto North grade separation.   | Dismissed.     |
| 16177    | Canadian Pacific Railway v. Mountain Lumber Manufacturers Association, re lumber rates.  | Withdrawn.     |
| 19024    | Charles Miller of Toronto v. Grand Trunk Pacific Railway re station at Prince George, B.C.   | Dismissed.     |
| 17716-10 | Canadian Pacific Railway v. Town of Maisonneuve, Que., highway crossings.  | Dismissed.     |
| 22681-25 | City of Montreal v. Canadian Northern Railway siding across Stadacona and Marlboro streets, Montreal, Que.   | Abandoned.     |
| 21418    | City of Prince George, B.C. re location of Grand Trunk Pacific Railway station between Oak and Ash Streets.  | Dismissed.     |
| 21660    | Canadian Northern Ontario Railway v. Township of Loughboro, Ont.   | Dismissed.     |
| 26169    | Canadian Pacific Railway and Canadian Northern Railway Companies, re interswitching at Eastern Public Cattle Market, Montreal.   | Abandoned.     |
| 17040    | Canadian Pacific Railway re Lambton to Weston Spur (2nd appeal).   | Referred back. |
| 27693    | City of Hamilton v. Grand Trunk Railway re passenger service on Northern and N. W. Branch, between Hamilton and Burlington Beach and Town of Burlington, Ont.  | Abandoned.     |
| 27840    | Winnipeg Board of Trade re 15 per cent increase in rates.  | Dismissed.     |
| 28439-3  | Town of St. Lambert, Que. re increase in rates on the Montreal and Southern Counties Railway.  | Dismissed.     |
| 28230    | City of Hamilton, Ont. re Kinnear Yard, Hamilton.  | Referred back. |
| 29040-2  | National Dairy Council of Canada on behalf of Canadian Association of Ice Cream Manufacturers, re classification of ice cream.   | Referred back. |
| C. 955   | Proprietors' League of Montreal re increase in telephone rates.  | Dismissed.     |
| 30434    | City of Windsor, Ont., for Order rescinding Order of the Board No. 30028, authorizing Canadian Pacific Railway to construct tracks to proposed freight shed at grade across unopened portion of Caron Avenue, Windsor. | Dismissed.     |

SUMMARY

|                    |    |
|--------------------|----|
| Dismissed.....     | 17 |
| Referred back..... | 4  |
| Abandoned.....     | 4  |
| Allowed.....       | 1  |
| Withdrawn.....     | 1  |
| Total.....         | 27 |

**APPENDIX "F"**

LIST OF GENERAL ORDERS AND CIRCULARS OF THE BOARD FOR THE  
YEAR ENDING DECEMBER 31, 1920.  
GENERAL ORDER NO. 281:

*In the matter of application No. 2, dated December 30, 1919, of the Railway Association of Canada, under Section 345 of the Railway Act, 1919, for permission to issue free or reduced rate transportation to the classes of persons specified in the application.*

File No. 496.26

Upon reading the application, and considering what was filed in support thereof,—

*It is ordered:* That railway companies within the legislative authority of the Parliament of Canada be, and they are hereby, permitted, until further order, to issue free or reduced rate transportation to the following classes of persons, namely:—

Private secretaries of ministers of the Dominion Government, including the private secretary of the Leader of the Opposition.

F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, January 12, 1920.

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GENERAL ORDER NO. 282

*In the matter of the General Order of the Board No. 25, dated January 25, 1909, prescribing the lighting systems to be used on each and every car requiring lighting on the railway, or portion of railway, operated by every railway company subject to the legislative authority of the Parliament of Canada.*

File No. 29449

Upon reading what is filed on behalf of the Canadian Pacific, Grand Trunk, and Grand Trunk Pacific Railway Companies, the Wabash and Michigan Central Railroad Companies, and the Canadian National Railways, and the report and recommendation of the Mechanical Expert of the Board, concurred in by its Chief Operating Officer.

*It is ordered:* That the said General Order of the Board No. 25, dated January 25, 1909, be, and it is hereby, amended by adding after sub-clause (3) of clause (h), paragraph 3, the following, namely:—

"4. That in all cases of derailment or accidents to passenger cars lighted with Pintsch Gas or Commercial Acetylene, the supply of gas must be shut off, if possible, by closing the stud valves in storage tanks underneath the body of the car. Arrangements must be made to place a key securely in the gauge box underneath the car where it will readily be accessible. Instructions must be issued to train and wrecking crews to govern this matter, so that there will be no misunderstanding in case of accident."

F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, January 29, 1920.

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SESSIONAL PAPER No. 20c

## GENERAL ORDER NO. 283:

*In the matter of Track Scale allowances; also of "Tolerance."*

File No. 8799.1

Upon hearing the matter at the sittings of the Board held in Ottawa, March 18, 1913, Vancouver, May 19, 1913, Calgary, May 26, 1913, Edmonton, May 27, 1913, Regina, May 29, 1913, Winnipeg, May 30, 1913, and Fort William, June 4, 1913, the Canadian Pacific, Grand Trunk, Grand Trunk Pacific, Canadian Northern, Canadian Northern Quebec, and Ottawa and New York Railway Companies, the Canadian Freight Association, the Canadian Manufacturers' Association, the Canadian Lumbermen's Association, the Boards of Trade of Montreal, Toronto, Edmonton, Winnipeg and Regina, the British Columbia Lumber and Shingle Manufacturers, and the Massey-Harris Company, Limited, being represented at the hearings, and what was alleged; and upon reading the further written submissions filed,—

*It is ordered:* With respect to freight traffic referred to herein, carried between points in Canada, that railway companies subject to the jurisdiction of the Board publish and file tariffs to provide for the following allowances per car from the ascertained gross weights of loaded cars; subject to the condition that the said allowances shall not operate to reduce the net weights of the loadings of the cars below the minimum carload weights provided for in the tariffs applicable thereto:—

1. For temporary or permanent racks on flat or gondola cars loaded with bark, provided the weight of the racks is not included in the stencilled tare of the car, 1,000 pounds.

2. For temporary protectives as follows, namely:

(a) Blockage, dunnage, or temporary racks, in connection with carload shipments of agricultural implements, machinery, stoves, acid in carboys, and vehicles of all descriptions—Actual weight, but not more than 650 pounds; the shipper to certify to the weight of the said protectives on the shipping order and bill of lading.

(b) Temporary racks, stakes, standards, strips, braces, or supports in connection with carload shipments of commodities, other than those specified above, requiring such provision for safe transportation when loaded on flat or gondola cars—Actual weight when ascertainable, but not more than 500 pounds; the shipper to certify to his ascertained weight of the said protectives on the shipping order and bill of lading.

3. For lumber used by shippers in lining box (not refrigerator) or stock cars for shipments of perishable freight—Actual weight, but not more than 800 feet, board measure, at 2½ pounds per foot; the shipper to certify to the measurement of the lumber so used on the shipping order and bill of lading. Also, a further allowance of the actual weight, but not exceeding 500 pounds, of the stove and fuel, if furnished by the shipper.

4. For foreign matter not part of the lading, such as snow, ice, manure, or refuse, in or on cars at the time of weighing—an estimated allowance adequate to the actual conditions in each case.

*And it is also ordered:* That, irrespective of the aforesaid allowances, the tariffs of the said railway companies include the following definition and directions, namely:—

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For "tolerance," that is to say, variations in weights disclosed in check-weighing or reweighing passed without alteration of the billed weight:—

(a) On ashes, brick, cinders, clay, drain tile (soft), dolomite, ganister, gravel, mill scale, ore, sand, slag, stone (all kinds except "cut"), and other similar bulk freight, loaded on flat or open-top cars—one per cent of the weight of the lading, but not less than 1,000 pounds per car.

(b) On all other freight (including coal and coke) the weight of which is not subject to change from its inherent nature—one per cent of the weight of the lading, but not less than 500 pounds per car.

F. B. CARVELL,  
Chief Commissioner.

OTTAWA, February 24, 1920.

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GENERAL ORDER No. 284

*In the matter of the application of the Canadian Freight Association, on behalf of the railway companies subject to the jurisdiction of the Board, for an Order rescinding the General Order of the Board No. 173, dated October 26, 1916, and authorizing the said railway companies to publish and file charges for the use of heated refrigerator cars on the basis of 1½ cents per car per mile, with a minimum charge of \$2 per car, in addition to the regular freight charges.*

File No. 18855.11.

Upon hearing the matter at the sittings of the Board held in Toronto, April 13, 1917; Ottawa, April 17, 1917; Regina, June 21, 1917; Vancouver, November 21, 1919; Calgary, November 27, 1919; Edmonton, November 28, 1919; Saskatoon, November 29, 1919; Regina, December 1, 1919; Winnipeg, December 2, 1919; Fort William, December 3, 1919, and Ottawa, January 7, 1920, in the presence of representatives of the Canadian Freight Association, the Canadian Manufacturers' Association, the Boards of Trade of Toronto, Montreal, Winnipeg, Regina, and Calgary, the Ontario Fruit Growers' Association, the Nova Scotia Fruit Growers' Association, the British Columbia Credit and Traffic Association, the Nova Scotia Shipping Association, the Western Canada Fruit Jobbers' Association, the Ontario Vegetable Growers' Association, the Niagara Peninsula Fruit Growers' Association, the Quebec Department of Agriculture, the Canadian Pacific and Grand Trunk Railway Companies, the Canadian National Railways, and the Michigan Central Railroad Company, and what was alleged; and upon reading the further written submissions filed,—

*It is ordered:* That the said General Order No. 173, dated October 26, 1916, be, and it is hereby, amended to permit increases in the existing charges for heating refrigerator cars by the carriers, in addition to the freight rates pertaining to the loadings thereof, and also in addition to the charges, if any, for the use of the said cars, as follows:—

(a) Between points west of and including Port Arthur, Ont.; also between points east of and including Westfort, Ont., from one cent per car per mile, subject to a minimum total charge of \$2 per car, to not more than 1½ cents per car per mile, subject to a minimum total charge of not more than \$2 per car.

(b) From points east of Port Arthur to points west of Westfort, and from points west of Westfort to points east of Port Arthur, the maximum charges authorized by the said General Order No. 173, when increased not more than 50 per cent to apply.

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*And it is also ordered:* That the tariffs to give effect to this Order may be published and filed not less than seven days previously to the date, or dates, on which they are intended to come into force.

S. J. McLEAN,

OTTAWA, March 8, 1920.

*Assistant Chief Commissioner.*

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GENERAL ORDER NO. 285

*In the matter of the application of Canadian Manufacturers' Association for an Order directing the extension of the Canadian Car Demurrage Rules, so as to provide for what is known as the Average Demurrage plan.*

File No. 3775-3

Upon hearing the matter at the sittings of the Board held in Toronto, April 25, 1911, Vancouver, May 19, 1913, Calgary, May 26, 1913, Edmonton, May 27, 1913, Regina, May 29, 1913, Winnipeg, May 30, 1913, Fort William, June 4, 1913, and Ottawa, June 16 and 17, 1913, in the presence of representatives of the Canadian Manufacturers' Association, the Canadian Retail Coal Dealers' Association, the Canadian Lumbermen's Association, the Canadian Car Service Bureau, the Montreal Lumber Association, the Montreal Grain Exchange, the Boards of Trade of Toronto, Vancouver, Calgary, Edmonton, Regina, Winnipeg, and Montreal, the Canadian National Railways, the Canadian Pacific, Grand Trunk and Grand Trunk Pacific Railway Companies, the Michigan Central and Père Marquette Railroad Companies, Winnipeg shippers, the Great West Saddlery Company, Limited, the Winnipeg Sandstone Brick Company, Limited, D. Ackland & Sons, the Manitoba Bridge and Iron Works, the Dominion Bridge Company, the Beaver Soap Company, the Vulcan Iron Works, the J. D. Clark Billiard Company, the Winnipeg Cabinet Factory, Parker Whyte, Limited, the Alaska Bedding Company, the Canadian H. W. Johns-Manville Company, Limited, the Manitoba Linseed Oil Mills, the Martin-Senour Company, Limited, the Canada Cement Company, the Alsip Brick Tile and Lumber Company, the Canadian Carbon Company, the Winnipeg Steel Granary and Culvert Company, Limited, the Gurney Northwest Foundry Company, the Winnipeg Paint and Glass Company, the Manitoba Gypsum Company, the Perfection Concrete Company, George Gale & Sons, and the Anthes Foundry, Limited, and what was alleged; and upon reading the further written submissions filed,—

*It is ordered:* That the application be, and it is hereby, refused.

S. J. McLEAN,

OTTAWA, March 2, 1920.

*Assistant Chief Commissioner.*

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GENERAL ORDER NO. 286

*In the matter of Section 375, subsection 2, of the Railway Act, 1919, and the tariffs of telephone companies; and the Order of the Board No. 21167, dated January 5, 1914, as amended by Order No. 26969, dated February 4, 1918, authorizing the Bell Telephone Company of Canada to charge the telephone tolls published in its tariffs filed with the Board.*

Case No. 955

*It is ordered* as follows:

1. That the said Order No. 21167, dated January 5, 1914, as amended by Order No. 26969, dated February 4, 1918, be, and it is hereby, rescinded.

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2. That, subject to such order or orders as the Board may from time to time issue, all telephone companies within the legislative authority of the Parliament of Canada be, and they are hereby, authorized to charge the telephone tolls published in their respective tariffs filed with the Board.

S. J. McLEAN,

*Assistant Chief Commissioner.*

OTTAWA, March 4, 1920.

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GENERAL ORDER No. 287

*In the matter of the General Order of the Board No. 203, dated August 11, 1917, approving the Regulations for the transportation by freight of Dangerous Articles other than Explosives, as amended by General Orders Nos. 206, 207, and 260, dated respectively September 7, October 26, 1917, and March 17, 1919.*

*And in the matter of the application of the People's Gas Supply Company, Limited, for an Order repealing or amending the second paragraph of Rule 1861 (j) of the Regulations aforesaid.*

File No. 1717.1.

Upon hearing the matter at the sittings of the Board held in Ottawa, June 10, 1919, the People's Gas Supply Company, Limited, the Canadian Railway War Board, the Bureau of Explosives, the Compressed Gas Manufacturers' Association, L'Air Liquide Society, and the Commercial Acetylene Supply Company, Inc., being represented at the hearing, and what was alleged,—

*It is Ordered:* That the said General Order No. 260, dated March 17, 1919, be and it is hereby, amended by striking out the second paragraph (j) of rule 1861, and substituting therefor the following, namely:—

“Cylinders containing acetylene gas must not be shipped unless they were charged by a person, firm, or company having possession of complete information as to the nature of the porous filling, the kind and quantity of solvent in the cylinders, and the meaning of such markings on the cylinders as are prescribed by the Board's regulations and specifications applying to containers for the transportation of acetylene gas.

“That every manufacturer of cylinders for the shipment of acetylene gas in Canada shall file with the inspector of the Bureau of Explosives at Toronto complete information as to the nature of the porous filling, the kind and quantity of solvent in the cylinders, and the meaning of such markings on the cylinders as are prescribed by the Board's regulations, together with the serial numbers of the cylinders using a particular kind of filler; and that, upon application of any manufacturer of acetylene gas to the Bureau of Explosives for information necessary to enable him to comply, in the recharging of the same, with the regulations of the Board, the same shall be furnished.”

S. J. McLEAN,

*Assistant Chief Commissioner.*

OTTAWA, March 22, 1920.

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SESSIONAL PAPER No. 20c

## GENERAL ORDER No. 288

*In the matter of Section 372 of the Railway Act, 1919, for the carrying of wires and cables along or across the track of railway companies under the jurisdiction of the Board; and the application of the Canadian National Railways for an Order amending the Standard Conditions and Specifications for Wire Crossings, approved by the General Order of the Board No. 231, dated May 6, 1918, as amended by General Order No. 267, dated June 27, 1919.*

Case No. 4704.

Upon reading what is filed in support of the application, the Canadian Pacific and Grand Trunk Railway Companies concurring therein,—

*It is Ordered:* That the said Standard Conditions and Specifications for Wire Crossings, as approved by the General Order of the Board No. 231, dated May 6, 1918, be, and they are hereby, amended by striking out paragraph 4 of part I of the said conditions and specifications, and substituting therefor the following, namely:—

“4. The applicant, before any work is begun, shall give the railway company owning, operating, or using the said railway at least seventy-two hours prior notice thereof in writing; and the said railway company shall be entitled to appoint an inspector, under whose supervision such work shall be done, and whose wages, at a rate not to exceed eleven dollars per day, shall be paid by the applicant; such payment to cover both wages and expenses. When the applicant is a municipality and the work is on a highway under its jurisdiction, the wages of the inspector shall be paid by the railway company.”

2. That the General Order No. 267, dated June 27, 1919, be and it is hereby rescinded.

F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, March 23, 1920.

## GENERAL ORDER No. 289

*In the matter of the consideration of the adoption by railway companies subject to the jurisdiction of the Board of rules relative to the inspection of locomotives and tenders.*

File No. 21351.

In pursuance of the powers conferred upon the Board by Section 287 of the Railway Act, 1919, and of all other powers possessed by it in that behalf; and upon reading the submissions filed by The Railway Association of Canada and the Canadian Pacific and Grand Trunk Railway Companies, and the report and recommendation of the Chief Operating Officer of the Board,—

*It is Ordered:* That the railway companies subject to the jurisdiction of the Board adopt and put into force, not later than the first day of June, 1920, the rules relative to the inspection of locomotives and tenders, hereto attached marked “A.”

F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, March 24, 1920.

## RULES RELATIVE TO THE INSPECTION OF LOCOMOTIVES AND TENDERS

Every locomotive and tender shall be inspected after each trip, or day's work. The employee making the inspection shall report all defects found, in report book. Defects reported which are not repaired before the locomotive is returned to service shall be filed in the office where the inspection is made.

*Air brakes.*—It must be known before each trip that the brakes on locomotive and tender are in safe and suitable condition for service; that the air compressor or compressors are in condition to provide an ample supply of air for the service in which the locomotive is used; and that all other devices for controlling or regulating the pressure are properly maintained.

*Testing main reservoirs.*—Every main reservoir, before being put into service, and at least each twelve months thereafter, shall be subjected to hydrostatic pressure not less than 25 per cent above the maximum allowed air pressure. The entire surface of the reservoir shall be hammer-tested each time the locomotive is shopped for general repairs, but not less frequently than once each eighteen months.

### DRAW GEAR AND DRAFT GEAR

*Draw gear between locomotive and tender.*—The draw gear between the locomotive and tender, together with the pins and fastenings, shall be maintained in safe and suitable condition for service. The pins and drawbar shall be removed and carefully examined for defects not less frequently than once each three months. Suitable means for securing the drawbar pins in place shall be provided. Inverted drawbar pins shall be held in place by plate or stirrup.

(b) Two or more safety bars or safety chains of ample strength shall be provided between locomotive and tender (except when double drawbars are used), maintained in safe and suitable condition for service, and inspected at the same time draw gear is inspected.

(c) Safety chains or safety bars shall be of the minimum length consistent with the curvature of the railroad on which the locomotive is operated.

(d) Lost motion between locomotives and tenders not equipped with spring buffer shall be kept to a minimum and shall not exceed one-half inch.

(e) When spring buffers are used between locomotives and tenders, the spring shall be applied with not less than three-fourths inch compression, and shall at all times be under sufficient compression to keep the chafing faces in contact.

*Chafing irons.*—Chafing irons of such radius as will permit proper curving shall be securely attached to locomotive and tender, and shall be maintained in condition to permit free movement laterally and vertically.

*Draft gear.*—Draft gear and attachments on locomotives and tenders shall be securely fastened and maintained in safe and suitable condition for service.

*Car lights.*—Each locomotive used between sunset and sunrise shall have cab lamps, which will provide sufficient illumination for the steam, air, and water gauges, to enable the enginemen to make necessary and accurate readings from their usual and proper positions in the cab. These lights shall be so located and constructed that the light will shine only on those parts requiring illumination. Locomotives used in road service shall have an additional lamp conveniently located to enable the persons operating the locomotive to easily and accurately read train orders and time tables, and so constructed that it may be readily darkened or extinguished.

*Lateral motion.*—The total lateral motion or play between the hubs of the wheels and the boxes on any pair of wheels shall not exceed the following limits:—

|   |         |
|---|---------|
| For engine truck wheels (trucks with swing centres).... | 1 inch. |
| For engine truck wheels (trucks with rigid centres).... | 1½ "    |
| For trailing truck wheels.....                          | 1 "     |
| For driving wheels (more than 1 pair) not more than...  | ¾ "     |

These limits may be increased on locomotives operating on track where the curvature exceeds 20 degrees, when it can be shown that conditions require additional lateral motion.

*Pilots.*—Pilots shall be securely attached, properly braced, and maintained in a safe and suitable condition for service. The minimum height from the rail 3 inches and the maximum 6 inches.



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## GENERAL ORDER No. 290

*In the matter of Section 345 of the Railway Act, 1919, and the regulations to be prescribed for the issue and recording of free transportation by railway companies subject to the jurisdiction of the Board.*

File No. 496.

Upon reading the submissions filed and the report of the Chief Traffic Officer of the Board,—

*It is ordered as follows:*

1. That the "Regulations to Govern and Issue and Recording of Free Transportation," by railway companies subject to the jurisdiction of the Board, attached hereto marked "A," be, and they are hereby, approved and prescribed for the use of such companies; and that each and every company be required to issue all free transportation, and keep all free transportation records, in conformity therewith.

2. That the said regulations are, and by virtue of this order do become, the lawful rules according to which all free transportation is to be issued and all free transportation records are to be kept.

3. That each and every person directly in charge of the free transportation of any such company be, and he is hereby, required to see to, and he is hereby made responsible for, the correct application of the said regulations in the issue and recording of free transportation; and that it shall be unlawful for any such company, or for any person directly in charge of the free transportation of any such company, to issue any free transportation or to keep any free transportation records except in the manner and form in the said regulations set forth and hereby prescribed, and except as hereinafter authorized.

4. That the foregoing regulations shall, so far as the same are applicable, apply as well to all free transportation issued by express, telegraph, or telephone companies.

F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, April 12, 1920.

" A "

REGULATIONS TO GOVERN THE ISSUE AND RECORDING OF FREE  
TRANSPORTATION

1. Each and every railway company subject to the jurisdiction of the Board shall file with the Board, on or before the 1st day of January of each year (a) a list of the names and titles of officers having authority to issue passes and over whose signatures passes will be issued; and (b) a list of the names and titles of officers having the authority to request passes from other companies. Any change in these lists in the course of the year must be promptly reported.

Names and titles of persons authorized to countersign passes and requests for passes need not be filed with the Board.

2. Requests for passes for or on account of officers or employees of traffic associations, fast freight lines, demurrage and car service bureaus, weighing and inspection bureaus, and other joint agencies maintained by or on behalf of carriers subject to these regulations, for transportation over the lines which are members of such associations, may be made direct on such lines in the same manner as provided for requests for passes for or on account of a carrier's own officers or employees. (See par. 10.) Requests for passes over lines other than member lines must be made in one of the three following methods:

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(a) Requests may be made over the signature of an officer of a member line if such officer's name has been filed with the Board by such member line in compliance with paragraph 1 (b) with the counter signature of an officer or employee of the association.

(b) Requests may be made over the signature of an officer of the association if such officer's name has been filed with the Board by one or more of the member lines in accordance with paragraph 1 (b) as having authority to requests passes on account of the association.

(c) Requests may be made over the signature of officers of the association if such officers' names have been filed with the Board in accordance with paragraph 1 (b) by the chief officer of the association, provided such chief officer has been delegated authority to so act by the member lines.

3. Each pass must bear either the autograph or facsimile signature of one of the officers named in the list (a) referred to in paragraph 1.

4. Passes bearing facsimile signatures must be countersigned in ink by an officer or responsible subordinate, who must be designated on the face of the pass.

5. The printing of pass stock must be done only upon the requisition of a designated officer or officers, and the delivery of the entire stock shall be made to such officer by the printer or stationer. All vouchers covering the cost of pass stock shall be approved by the officer or officers designated before they are carried through the accounts for payment.

6. A record of pass stock shall be kept by the officer ordering such stock, for a period not less than three years. On the debit side of the record shall be entered the entire stock received. On the credit side shall be entered all pass stock distributed among other officers or countersigning subordinates, all stock assigned to the officer ordering the stock and issuable by him, and all stock destroyed. (See Form 1.)

Unissued pass stock must be filed in such manner as to be accessible and convenient for examination.

7. Passes shall be consecutively numbered, without duplication or omission, before or immediately on receipt from the printer or stationer. All passes may be numbered in the same series, or separate series may be used for each of the general classes, or for each subdivision with lettered prefixes or affixes.

8. If a separate stock of passes is provided for each year, the numbering must begin with 0 or 1 at the beginning of the year. If the same stock is to be used for two or more years, the numbering may continue from year to year, commencing with 0 or 1 when desired, but not oftener than once in each calendar year.

9. All passes must be filled out in a durable ink, either with pen or typewriter, or by printing, and all the information required on the pass forms appearing herein must be shown.

10. Requests for passes must be made in writing, except as provided in paragraph 12. by the persons to whom or on whose account passes may be issued, or by a superior or ranking officer or employee in case a request is made for or on account of an employee.

#### FORMS OF REQUEST

11. (a) A request for a pass for or on account of a Company's own officer or employee must state the name and address of the officer or employee, his title or occupation, the relationship (if the pass is to be issued to a member of his family), the territory for which, or the points between which, the pass is requested, and the time limit. (See Form 2.)

(b) A request from another company for a pass for or on account of one of its officers or employees must include, in addition to the information required under (a) above, a statement that the person for whom the pass is requested is not prohibited by law from receiving free transportation. (See Forms 3 and 4.)

(c) A request for a pass for or on account of any person not covered by paragraphs (a) or (b) must set forth clearly, or be accompanied by paper showing, the legality of the issuance of the pass requested.

12. In exceptional cases, written requests for passes may be dispensed with, but in such cases the records of passes issued must show the information that is required on written request, and in addition must state upon whose authority the passes were issued and the reasons for dispensing with written request.

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13. Requests for passes must be filed in the office in which records of annual or term passes, or the stubs or carbon copies of trip passes, are filed, and in such manner as to be accessible and convenient for examination at any time within three years. The number of passes issued must be noted upon the face of the requests.

14. Telegraph passes may be issued in cases of emergency only, and shall be confined to one way passes. The issuance of telegraph passes shall be over the name of one of the officers named in the list referred to in paragraph 1, or that of one of the countersigning officers referred to in paragraph 4, and only within the territory over which such officers have authority to issue annual, term, or trip passes.

Telegraph passes must be issued either on telegraph blanks, in accordance with Form 5, or on a special printed form of telegraph pass, showing the same data as required on Form 5, but similar in form to trip passes.

Copies of telegraph passes and of the telegrams authorizing issuance of printed forms of telegraph passes must be made by the issuing officer and filed with the stubs or carbon copies of trip passes.

If, after a telegraph pass is issued, a trip pass is substituted therefor, the former should be filed with requests for trip passes as the authority for issuing the latter.

Except as provided in the preceding paragraph, used telegraph passes must be filed with used trip passes.

15. All passes must bear the signature of the users, preferably in ink. On the back of each pass must appear a statement that the holder is not prohibited by law from receiving free transportation, and that the pass will be lawfully used. This statement must be shown among other conditions, if any, and must be subscribed to by the holder. This paragraph shall not apply to telegraph passes.

16. A pass issued for a number of persons, without naming each person, such as "John Smith, Section Foreman, and six employees of X. Y. and Z. Railway," "Geo. Jones, wife and two daughters," may be signed only by the person whose name appears on the pass.

17. A pass issued for a number of persons, the names of all appearing on the pass, such as "William Brown and Edgar Moore, Brakemen," or "Chas. Blake, Mrs. Charles Blake, and Miss Mary Blake," must be signed by the users whether the pass is used by one or by more than one of the persons named on the pass.

18. A pass issued to a person without giving the name, such as "Pass one extra messenger of the Canadian Express Company when presented with letter, etc.," need not be signed by the user. The letter or identification form which accompanies the pass must be endorsed by the user and collected and filed with collected trip passes: Provided, however, that when a pass of this kind is to be used for an indeterminate number of trips, the one letter or identification form may be used for a number of trips, and should be collected by the conductor on the last trip and turned in with other collections. In cases of this kind, the conductor's report of passes honoured shall include a report of the pass each time it is used.

19. Employees and others eligible for free transportation may be furnished with regular passenger fare tickets, or may be permitted to purchase tickets and have the amounts paid therefor afterwards refunded. In such cases, the ticket agent's report of the tickets "without value," or the vouchers refunding the amounts paid for the tickets, must be supported by the authority of one of the officers named in list (a) referred to in paragraph 1. Such authority must show the same information as is required to be shown on the requests for passes referred to in paragraph 11.

20. A complete record of free passenger fare tickets issued in lieu of passes must be maintained by the office authorizing the issue of free tickets or the refund of fares paid. This record must show the date, the form, and number of ticket, station from, station to, name of person to whom issued, address, why issued, amount of fare, and name of officer authorizing the issue. (See Form 6.)

21. The following designated persons may, at the option of the companies, be carried without passes when in the actual performance of their duties, namely: train crews, sleeping car, chair car, and dining car employees, express messengers, crews of private cars, newsboys on trains, baggage agents.

22. Pass forms must not be used for the transportation of caretakers of property.

23. Caretakers in actual charge of shipments of live stock, poultry, or fruit, and travelling on trains with such shipments, shall be furnished with no other evidence of their rights to transportation than are contained in shipping contracts or in identification papers to be used in connection with notations on way-bills. If caretakers are permitted, under the provisions of tariffs to travel on passenger trains immediately preceding or following shipments, they must be furnished with a form of caretaker's ticket, which must give full way billing reference, and conform to published tariff provisions.

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24. If a caretaker's return passage is furnished under the terms of the shipping contract, it shall be provided for either by having the shipping contract executed at destination for return, or by having it lifted and a caretaker's return ticket issued, which must conform to published tariff provisions and show (a) the way bill reference, or (b) the initials and numbers of the cars, the shipping point, and the destination named in the contract.

25. All collected caretaker's tickets, shipping contracts, and identification papers, on which caretakers are carried, must be checked against the way bills or way bill records and filed in such manner as to be accessible and convenient for examination at any time within three years.

26. Companies are required to keep a full record of passes issued.

27. The record of annual or term passes issued shall be kept in a book record similar to Form 7, or on cards similar to Form 8.

28. If the book record is adopted, the passes may be entered either in numerical order or in alphabetical order, according to the surnames of the persons to whom the passes are issued. When passes are entered in numerical order, an alphabetical index by name shall be maintained; when entered in alphabetical order, a numerical index with name shall be maintained. If it is desired, an additional record, with the passes entered under departments, companies, etc., may be maintained on Form 7.

29. If the card system of records is adopted, the cards must be made in duplicate, with one set of cards filed in alphabetical order, according to the surnames of the persons to whom the passes are issued. If it is desired, the cards may be made in triplicate and the third card filed under departments, companies, etc.

30. The record of trip passes issued shall be kept on the stubs or carbon copies of trip passes. Full information must be shown on the stub or carbon copy of each trip pass, as provided on Form 9, and this information must conform to the data on the pass and coupon.

31. If a pass is cancelled, returned, or lost, the fact must be stated on the record, with the date of cancellation, return, or loss entered.

32. The records of passes issued must be filed in such manner as to be accessible and convenient for examination at any time within three years.

33. The authority for the issue of requests on other companies for passes shall be restricted to the officers named in list (b) referred to in paragraph 1. Requests must show the name and address of the officer or employee for whom or on whose account the pass is requested, his title or the nature of his employment, the relationship (if the pass is to be issued to a member of his family), the territory for which, or the points between which, the pass is desired, the time limit, and a statement that the person for whom the pass is requested is not prohibited by law from receiving free transportation. (See Forms 3 and 4.)

34. Requests must bear the autograph or the facsimile signature of one of the officers named in list (b) referred to in paragraph 1. In case the facsimile is used, the request must be countersigned in ink by an officer or responsible subordinate, who must be designated thereon.

35. Requests must be made in duplicate, or legible impression copies must be taken of them, and the duplicate or impression copies must be retained by the requesting carrier and filed in such manner as to be accessible and convenient for examination. When a pass is received, its number must be noted on the duplicate or impression copy of the request.

#### JOINT PASSES

36. A pass issued jointly by two or more carriers must bear the autograph or the facsimile signature of an officer (named in list (a) referred to in paragraph 1) of each of the carriers interested. If all the signatures of such officers are facsimile signatures, the pass must be countersigned in ink by an officer or responsible subordinate of one of the carriers interested, who must be designated on the face of the pass.

37. If arrangements are made to accept or honour passes issued by other carriers over certain portions of a carrier's lines, such arrangements must be embodied in the pass rules and regulations referred to in paragraph 42, or a statement of the arrangement must be filed with the Board.

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FILING PASSES

38. All passes collected and passes spoiled or returned must be filed in such manner as to be accessible and convenient for examination at any time within three years.

CONDUCTOR'S REPORTS

39. Conductors or ticket collectors must make a report of passes honoured for each run. This report must cover all passes honoured and not lifted, except passes honoured in suburban territory. It is optional with carriers whether or not this report shall cover trip passes on runs on which they are lifted and turned in, or any passes honoured in suburban territory. (See Form 10.)

40. If trip passes collected are not included in conductors' reports of passes honoured, space must be provided on the backs of passes and coupons on which must be shown the number of the train upon which the passes are honoured, the date, and the name of the conductor of ticket collector.

41. The use of identification slips, and the form of such slips if used, are left to the option of the carriers.

CARRIERS' PASS RULES

42. Carriers are required to file with the Board copies of their general rules and instructions in effect January 1, 1920, governing the issue and use of passes, and to forward promptly copies of any subsequent rules and instructions.

FORMS

43. Passes must be issued and records kept substantially in accordance with the forms hereinafter prescribed. The forms indicate the nature of the information required and the order in which it shall appear, but the dimensions of the various forms are not prescribed.

Carriers may include any additional matter in the pass forms or record forms, but such additional matter must not be permitted to impair the information required in the prescribed forms, or to affect the order in which it is given. The matter printed in italic type in the prescribed forms is not intended to be a part of the forms, but merely to indicate the nature of the information required.

44. Carriers may subdivide any of the forms or may adopt additional record forms, but must file with the Board a list of such subdivisions or additional record forms, showing their use and their purpose.

FORM No. 1

RECORD OF PASS STOCK RECEIVED AND DISTRIBUTED

*Debit*

(Form.....)

*Credit*

| Stock received |                     |         |        | Stock distributed |              |       |                     |         |        |
|----------------|---------------------|---------|--------|-------------------|--------------|-------|---------------------|---------|--------|
| Date           | Consecutive numbers |         | Number | Date              | Furnished to |       | Consecutive numbers |         | Number |
|                | Com-mencing         | Closing |        |                   | Name         | Title | Com-mencing         | Closing |        |
|                |                     |         |        |                   |              |       |                     |         |        |

A separate sheet or page must be used for each of the different forms and series of passes, which must be recorded and distributed in numerical order.

FORM No. 2

REQUEST FROM OFFICERS AND EMPLOYEES FOR PASSES

.....Company,  
Office of.....  
.....19..

.....  
.....  
.....

Dear Sir,—Please furnish pass for.....

Address .....

Account of .....

Form .....

To .....and return.

Limited to .....

.....(Name.)  
.....(Title or Occupation.)

Approved.  
.....

Pass No. ....issued.

This form must be used by officers and employees in making requests for passes for themselves or on their account, or in making requests for passes for or on account of subordinates.

This form may be extended so as to cover two or more passes.

FORM No. 3

REQUEST OF ANOTHER CARRIER FOR TRIP PASSES

.....Company,  
Office of.....  
.....19..

.....  
.....  
.....

DEAR SIR,—Will you kindly favour me, on account of this company, with trip pass.. for the following person....., who ..... not prohibited by law from receiving free transportation:

Name .....

Address .....

Account of .....

From .....to ..... and return.

Limited to .....

This request shall be valid only when countersigned by myself or by .....

.....  
(Facsimile signature of officer.)  
.....  
(Title)

Countersigned by:  
.....

Pass No. ....issued.

This form may be extended so as to cover two or more passes.

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FORM No. 4

REQUEST ON ANOTHER CARRIER FOR ANNUAL OR TERM PASSES

.....Company,  
Office of.....  
.....19..

.....  
.....  
.....

DEAR SIR,—Will you kindly favour me, on account of this company, with  
..... pass ..... for .....  
(Annual or term.)

over your line for the following person.....who.....not pro-  
hibited by law from receiving free transportation:

| Name | Title or occupation | Address | Territory | Number of pass issued |
|------|---------------------|---------|-----------|-----------------------|
|      |                     |         |           |                       |

This request shall be valid only when countersigned by myself or by.....  
.....

.....  
(Facsimile signature of officer.)  
.....  
(Title.)

Countersigned by:  
.....

FORM No. 5

TELEGRAPH PASS

.....  
.....

This telegram, when written in ink and countersigned by you, will pass.....  
.....from ..... to .....  
account ..... if used within ..... days.

.....  
(Signature.)

The above form must be used for telegraph passes written on telegraph blanks.  
If desired, carriers may provide a special printed form to be used for passes sent by  
telegraph.

FORM No. 6

RECORD OF FREE PASSENGER FARE TICKETS ISSUED

| Date issued | To whom issued |         |                   | From | To | Issued by | Remarks |
|-------------|----------------|---------|-------------------|------|----|-----------|---------|
|             | Name           | Address | Issued account of |      |    |           |         |
|             |                |         |                   |      |    |           |         |

In column headed "Issued account of" must be shown the same information as is required in similar column in the record of annual or term passes issued (Form 7.)

FORM No. 7

RECORD OF ANNUAL AND TERM PASSES ISSUED—BOOK RECORD

(Form.....)

| Date issued | No. | To whom issued |         |                   | Territory | Date of expiration | Request of | Remarks |
|-------------|-----|----------------|---------|-------------------|-----------|--------------------|------------|---------|
|             |     | Name           | Address | Issued account of |           |                    |            |         |
|             |     |                |         |                   |           |                    |            |         |

In the column headed "Issued account" information must be shown in accordance with the following:

If issued to an officer or employee—the title or occupation of person to whom pass is issued.

If issued to a member of the family of an officer or employee—the name of such officer or employee, his title or occupation, and the relationship of the person to whom pass is issued; for example: "Wife of John Smith, Brakeman".

If issued to an officer or employee of another carrier—the title or occupation of the person to whom the pass is issued and the name of the carrier; for example: "Machinist, C.P.R."

If issued to a member of the family of an officer or employee of another carrier—the name of such officer or employee, his title or occupation, the relationship of the person to whom the pass is issued, and the name of the carrier; for example: "Wife of George Brown, Clerk, Accounting Department, C.P.R."

If issued to persons other than common-carrier officers or employees or members of their families, there must be shown in this space the reason for the issuance of the pass.



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FORM NO. 8

RECORD OF ANNUAL AND TERM PASSES ISSUED—CARD RECORD

Name .....Form ..... No.....  
 Address .....  
 Issued account of .....  
 Territory .....  
 Date of expiration .....  
 Request of .....  
 Date issued .....  
 Remarks .....

In the space provided for "Issued account of" must be shown the same information as is required in the book record of annual and term passes issued.

FORM No. 9

TRIP PASS  
(Face)

|  |   |   |
|--|---|---|
| (Name of carrier)<br>No. ....<br>1<br>TRIP PASS STUB<br>..... 19.....<br>Pass.....<br>2<br>Account.....<br>.....<br>From.....<br>To.....<br>.....<br>And return<br>Address.....<br>Expires.....<br>Requested by.....<br>Issued by..... | (Name of carrier)<br>No. ....<br>TRIP PASS<br>Iss.....<br>2<br>Account.....<br>.....<br>From.....<br>To.....<br>.....<br>Void if detached<br>Issued by..... | (Name of carrier)<br>No. ....<br>TRIP PASS<br>(Subject to conditions on back)<br>..... 19<br>Pass.....<br>2<br>Account.....<br>.....<br>From..... to.....<br>.....<br>Good for one trip only until ..... 19..<br>Valid when countersigned by.....<br>.....<br>(Facsimile signature)<br>.....<br>(Official title)<br>Countersigned by<br>..... |
|--|---|---|

(BACK)

|  |  |   |
|--|--|---|
|  |  | CONDITIONS<br>.....<br>.....<br>(Signature) |
|--|--|---|

Trip passes may be provided with a second sheet for carbon copies in lieu of the pass stub. In such cases the carbon copies must be numbered to correspond with the passes, and must show the full information that appears on the passes and coupons.

In the space provided for "Account" there must be shown the same information as is required on annual or term passes. (See form 7.)

Trip passes may, if preferred, be limited by a system of dates along the margin, the limits to be indicated by punching or by tearing off dates later than that on which the pass expires.

FORM No. 10

CONDUCTOR'S REPORT OF PASSES HONoured

(Name of carrier.)

Date.....

Train No. ....

Train run from.....to.....

(Conductor or other  
employee.) Punch

| Form or kind of pass | Pass No. | In favor of | Honored on this Train |    | No. persons | Remarks, Stop-offs, personal recognitions, etc. |
|----------------------|----------|-------------|-----------------------|----|-------------|---|
|                      |          |             | From                  | To |             |   |
|                      |          |             |                       |    |             |   |

GENERAL ORDER No. 291

*In the matter of Section 372 of the Railway Act, 1919, for the carrying of wires and cables along or across the tracks of railway companies under the jurisdiction of the Board; and the application of the Canadian National Railways for an Order amending the Standard Conditions and Specifications for Wire Crossings, approved by the General Order of the Board No. 231, dated May 6, 1918, as amended by General Order No. 267, dated June 27, 1919.*

Case No. 4704:

Upon reading what is filed in support of the application, the Canadian Pacific and Grand Trunk Railway Companies concurring therein,—

*It is Ordered:* That the said Standard Conditions and Specifications for Wire Crossings, as approved by the General Order of the Board No. 231, dated May 6, 1918, be, and they are hereby, amended—

(1) By striking out paragraph 4 of part I of the said conditions and specifications and substituting therefor the following, namely:—

“ 4. The applicant, before any work is begun, shall give the railway company owning, operating, or using the said railway at least seventy-two hours prior notice thereof in writing, and the said railway company shall be entitled to appoint an inspector, under whose supervision such work shall be done, and whose wages, at a rate not to exceed eleven dollars per day, shall be paid by the applicant; such payment to cover both wages and expenses. When the applicant is a municipality and the work is on a highway under its jurisdiction, the wages of the inspector shall be paid by the railway company.”

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(2) By striking out paragraph 4 of part 2 of the said conditions and specifications and substituting therefor the following, namely:—

“4. Before any work of laying, removing, or repairing any pipe, conduit, wire, or cable is begun, the Applicant shall give to the railway company at least seventy-two hours prior notice thereof in writing, accompanied by a plan and profile of the part of the railway to be affected, showing the proposed location of such pipe, wire or cable, conduit, and works contemplated in connection therewith; and the said railway company shall be entitled to appoint an inspector to see that the applicant, in performing said work, complies in all respects with the terms and conditions of this Order, and whose wages, at a rate not exceeding eleven dollars per day, shall be paid by the applicant, such payment to cover both wages and expenses. When the applicant is a municipality and the crossing is on a highway under its jurisdiction, the wages of the inspector shall be paid by the railway company.”

*And it is further Ordered:* That General Order No. 267, dated June 27, 1919, and General Order No. 288, dated March 23, 1920, made herein, be, and they are hereby, rescinded.

OTTAWA, April 7, 1920.

S. J. McLEAN,  
*Assistant Chief Commissioner.*

## GENERAL ORDER No. 292

*In the matter of the application of various railway companies, hereinafter called the “Applicant Companies,” under Sections 330, 333 and 334 of the Railway Act, 1919, for approval of increased Standard Tariffs of maximum Sleeping and Parlour Car Tolls.*

Case No. 4569; File Nos. 548.16, 1026.2, and 9451.12 to 9451.20, inclusive.

Whereas, for the approval of the Board, the applicant companies have filed from April 1 to April 20, 1920, Standard Tariffs of Increased Maximum Sleeping and Parlour Car Tolls, and have given publicity thereto through the medium of the press, and no objections thereto having been received by the Board; and an increase in the existing tolls appearing to the Board to be justified by existing transportation conditions,—

*It is Ordered:* That the following tariffs of the Applicant Companies be, and they are hereby, approved, and may be put into force after publication thereof, together with a reference to this general order, in two consecutive weekly issues of the *Canada Gazette*, namely:—

Canadian National Railways—C.R.C. No. W-S1 and E-S1.

Canadian Pacific Railway—C.R.C. No. S9.

Dominion Atlantic Railway—C.R.C. No. S5.

Esquimalt & Nanaimo Railway—C.R.C. No. S6.

Grand Trunk Railway—C.R.C. No. S7.

Grand Trunk Pacific Railway—C.R.C. No. S6.

Kettle Valley Railway—C.R.C. No. S4.

Maine Central Railroad—C.R.C. No. S4.

Michigan Central Railroad—C.R.C. No. S4.

Napierville Junction Railway—C.R.C. No. S2.

New York Central Railroad—C.R.C. No. S4.

Toronto, Hamilton and Buffalo Railway—C.R.C. No. S5.

OTTAWA, April 22, 1920.

F. B. CARVELL,  
*Chief Commissioner.*

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## GENERAL ORDER No. 292-A

*In the matter of the application of the Quebec Central Railway Company for the approval of increase in its Standard Tariff of Maximum Sleeping and Parlour Car Tolls, and of the General Order of the Board No. 292, dated April 22, 1920, approving increased Standard Tariffs of Maximum Sleeping and Parlour Car Tolls of various railway companies.*

File No. 9451-21.

The tariff of the Quebec Central Railway Company showing increases in its maximum sleeping and parlour car tolls on the same basis as those approved under the said General Order No. 292 having been filed for the approval of the Board,—

*It is Ordered:* That the said General Order No. 292, dated April 22, 1920, be, and it is hereby amended by adding thereto, at the end of the order, the words, "Quebec Central Railway, C.R.C. No. S3."

S. J. McLEAN,  
Assistant Chief Commissioner.

OTTAWA, April 27, 1920.

## GENERAL ORDER NO. 292-B

*In the matter of the application of the Boston and Maine Railroad Company, hereinafter called the "Applicant Company," for approval of increases in its Standard Tariff of Maximum Sleeping and Parlour Car Tolls; and of the General Order of the Board No. 292, dated April 22, 1920, approving increased Standard Tariffs of Maximum Sleeping and Parlour Car Tolls of various railway companies.*

File No. 9451-22

The tariff of the applicant company showing increases in its maximum sleeping and parlour car tolls on the same basis as those approved under the said General Order No. 292 having been filed for the approval of the Board—

*It is ordered:* That the said General Order No. 292, dated April 22, 1920, as amended by General Order No. 292 A, dated April 27, 1920, be, and it is hereby further amended by adding thereto, at the end of the Order, the words, "Boston and Maine Railroad, C.R.C. No. S-4."

S. J. McLEAN,  
Assistant Chief Commissioner.

OTTAWA, May 5, 1920.

## GENERAL ORDER No. 292-C

*In the matter of the application of the Edmonton, Dunvegan and British Columbia Railway Company, hereinafter called the "Applicant Company," for approval of increases in its Standard Tariff of Maximum Sleeping and Parlour Car Tolls; and of the General Order of the Board No. 292, dated April 22, 1920, approving increased Standard Tariffs of Maximum Sleeping and Parlour Car Tolls of various railway companies.*

File No. 18903-95

The tariff of the applicant company showing increases in its maximum sleeping and parlour car tolls on the same basis as those approved under the said General Order No. 292 having been filed for the approval of the Board,—

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*It is ordered:* That the said General Order No. 292, dated April 22, 1920, as amended by General Orders Nos. 292 A and 292 B, dated April 27, 1920, and May 5, 1920, respectively, be further amended by adding thereto, at the end of the order, the words, "Edmonton, Dunvegan and British Columbia Railway, C.R.C. No. S-3."

S. J. McLEAN,  
*Assistant Chief Commissioner.*

OTTAWA, May 10, 1920.

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 GENERAL ORDER No. 292-D

*In the matter of the application of the Wabash Railway Company, hereinafter called the "Applicant Company," for approval of increases in its Standard Tariff of Maximum Sleeping and Parlour Car Tolls; and of the General Order of the Board No. 292 dated April 22, 1920, approving increases Standard Tariffs of Maximum Sleeping and Parlour Car Tolls of various railway companies.*

File No. 9451-23

The tariff of the applicant company showing increases in its maximum sleeping and parlour car tolls on the same basis as those approved under the said General Order No. 292 having been filed for the approval of the Board,—

*It is ordered:* That the said General Order No. 292, dated April 22, 1920, as amended by General Orders Nos. 292 A, 292-B, and 292-C, dated respectively April 27, 1920, May 5, 1920 and May 10, 1920, be further amended by adding thereto, at the end of the order, the words, "Wabash Railway, C.R.C. No. S-5."

S. J. McLEAN,  
*Assistant Chief Commissioner.*

OTTAWA, May 11, 1920.

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 GENERAL ORDER No. 293

*In the matter of the application of the Brotherhood of Railroad Trainmen for an Order requiring railway companies to provide suitable seating accommodation in locomotive cabs for front end brakemen on freight trains who are required to ride the engine.*

File No. 25279

Upon reading what is filed in support of the application and on behalf of the Railway Association of Canada; and upon the report and recommendation of the Mechanical Expert of the Board, concurred in by its Chief Operating Officer,—

*It is ordered* as follows:

1. That all locomotives of railway companies subject to the jurisdiction of the Board be equipped with a seat for the brakemen.
2. That the seat provided be of a comfortable design, and where practicable equipped with back and window arm rest.
3. That such seating accommodation be provided by the 1st day of May, 1921.

S. J. McLEAN,  
*Assistant Chief Commissioner.*

OTTAWA, April 26, 1920.

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GENERAL ORDER NO. 294

*In the matter of the complaints of D. Campbell, Winnipeg; the United Grain Growers, Limited, Calgary; J. B. Stringer and Company, Chatham; and Elliott and Company, Ridgetown, against the allowances provided by the General Order of the Board No. 50, dated December 10, 1909, as amended by General Order No. 184, dated March 22, 1917, to shippers who are compelled to furnish temporary doors to cars loaded with grain.*

File No. 4106:

Upon hearing the complaints at the sittings of the Board held in Winnipeg, November 15, 1919, and in Ottawa, December 18, 1919, in the presence of D. Campbell, counsel for and representatives of the Canadian Pacific, Grand Trunk, and Grand Trunk Pacific Railway Companies, the Canadian National Railways, the Michigan Central Railroad Company, and the Montreal Board of Trade, and what was alleged; and upon reading the submissions filed, and the report and recommendation of the Chief Traffic Officer of the Board,—

*It is ordered* as follows:

1. That the said General Order No. 50, as amended by General Order No. 184, requiring that where shippers upon all or any railways subject to the jurisdiction of the Parliament of Canada are compelled to furnish car doors to enable cars to be used for traffic, allowance therefor to such shippers be made upon the following basis:—

- (a) At and west of Port Arthur, lower doors, each... . \$1.50  
     upper doors, each... . .75
- (b) East of Port Arthur, lower doors, each... . .50  
     upper doors, each... . .50

be and it is hereby, amended to provide that the said allowance for doors so furnished to enable cars to be used for grain, be increased as follows, namely:—

- (a) At and west of Port Arthur—  
     for doorways 5 feet wide: lower doors... . \$2.25 each  
     upper doors... . .75 "  
     for doorways 6 feet wide: lower doors... . 2.60 "  
     upper doors... . .90 "
- (b) East of Port Arthur—  
     for doorways, 5 feet wide: lower doors... . 1.25 "  
     upper doors... . .75 "  
     for doorways 6 feet wide: lower doors... . 1.35 "  
     upper doors... . .90 "

F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, April 30, 1920.

GENERAL ORDER No. 295

*In the matter of the complaints of the Montreal Board of Trade, the Canadian Manufacturers' Association, and the Toronto Board of Trade et al. against the regulation of the railway companies, effective March 1, 1920, directing their agents not to accept prepayment of charges from shippers on freight traffic from Canada to the United States, except on traffic on which the Freight Classification or Tariff requires prepayment.*

File No. 29674.2.

Upon hearing the complaints at the sittings of the Board held in Toronto, March 6, 1920, and Ottawa, March 16 and 17, 1920, the complainants, the Montreal Corn Exchange, certain manufacturers in the province of Quebec, the Riordon Pulp and Paper Company, the Canadian Lumbermen's Association, the apple and potato

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shippers of Nova Scotia, the Border Chamber of Commerce, the Ford Motor Company, certain pulpwood industries, the J. B. Belanger Mining Company, the Canadian Carbide Company, F. E. Smith, Limited, the Canadian Traffic Agency, Wm. Davies Company, Limited, the Harris Abattoir Company, Limited, the Canadian Pacific and Grand Trunk Railway Companies, the Canadian National Railways, and the Michigan Central Railroad Company being represented at the hearing, and what was alleged; and upon reading the submissions filed,—

*It is ordered:* That, for want of jurisdiction over the subject matter thereof, the said complaints be, and they are hereby, dismissed.

F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, May 5, 1920.

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GENERAL ORDER No. 296

*In the matter of the application of the Express Traffic Association of Canada, on behalf of the express companies subject to the jurisdiction of the Board, for approval of Regulations for the Transportation by Express of Acids, Inflammables, Oxidizing Substances, etc. under Sections 349 and 350 of the Railway Act, 1919, on file with the Board under File No. 1717.12.*

Upon hearing the application at the sittings of the Board held in Ottawa, February 17, 1920, in the presence of Counsel for and representatives of the express companies, the Grand Trunk and Canadian Pacific Railway Companies, the Canadian National Railways, the Explosives Division of the Department of Mines, and the Bureau of Explosives, and what was alleged; and upon reading the submissions filed,—

*It is ordered:* That the proposed Regulations for the Transportation by Express of Acids, Inflammables, Oxidizing Substances, etc., C.R.C. No. E.T. 694, to be observed by express companies subject to the jurisdiction of the Board, on file with the Board under File No. 1717.12, marked "A," and certified by the Secretary of the Board, be, and they are hereby approved, subject to the following changes and additions, namely:—

- (1) The opening sentence of paragraph 4 to be changed to read as follows:—  
"The following articles must not be accepted for shipment by express, except properly packed and certified samples for laboratory examination as provided for in paragraph 5 (a)."
- (2) To the list of Acceptable Articles, paragraph 5, the following to be added:—  
"(a). Samples of explosives intended for laboratory examination only, and not exceeding a net weight of one-half pound for each sample, and not exceeding ten such samples in any one train, when packed, marked, labelled, described and certified in accordance with paragraph 16" (or as it may be re-numbered).
- (3). The following to be inserted as the first paragraph under "Definitions":—  
"The only samples of explosives that can lawfully be shipped by express are those intended for examination in laboratory and not intended for use or demonstration."

(4) The following is to be inserted as the first paragraph in the Rules for Packing and Marking:—

## LABORATORY SAMPLES

*Packing.*—(a) Samples of explosives for laboratory examination must be placed in well-secured metal cans or glass bottles, or in strong waterproof paper or cardboard packages; each sample must not consist of more than one-half pound of explosive, and the interior package must be placed in sawdust or similar cushioning material at least 2 inches thick, in a strong and tight wooden box, with ends not less than 1 inch thick, and top, bottom, and sides not less than one-half inch thick when a nailed box is used; or with ends, top, bottom, and sides not less than one-half inch thick of lock-cornered construction.

(b) Whenever these samples for laboratory examination are contained in a metal envelope or receptacle, this receptacle must be properly cushioned with sawdust or similar cushioning material in a strong wooden box, and this interior box must be placed in a tight outside wooden box with at least 2 inches of cushioning material separating the boxes,

*Weight.*—Not more than 10 half-pound samples of explosives for laboratory examination may be placed in one outside box or transported in any one train.

The net weight of the explosive contents must be plainly marked by the shipper on the outside of each box offered for forwarding.

*Marking.*—Each outside package containing such samples must have securely and conspicuously attached to it a square red certificate label measuring 4 inches on each side, and bearing in black letters the following:—

## EXPLOSIVE

## SAMPLE FOR LABORATORY EXAMINATION

*Handle Carefully**Keep Fire Away*

This is to certify that the articles covered by this label are properly described by name and are packed and marked and are in proper condition for transportation, according to the regulations prescribed by the Board of Railway Commissioners for Canada.

.....  
(Shipper's Name)

.....  
(Inspector, Bureau of Explosives)

or

(Inspector, Explosives Division,  
Department of Mines.)

*Certification.*—The label as above must be signed in ink by the shipper, and by either of the inspectors named. If signed by the Inspector, Bureau of Explosives, he must erase the words "Inspector, Explosives Division, Department of Mines." and "vice versa." Unless the label bears both signatures the articles tendered for transportation must be refused.

F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, May 15, 1920.



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## GENERAL ORDER No. 297

*In the matter of the application of the Great North Western Telegraph Company, the Canadian Pacific Railway Company, the Grand Trunk Pacific Telegraph Company, and the Western Union Telegraph Company, on behalf of all telegraph companies operating in Canada, hereinafter called the "Applicant Companies," for authority to increase their tariffs of tolls by about 25 per cent, notwithstanding the provisions of any legislation heretofore passed or of any rate-limiting agreement heretofore made.*

File No. 10041.88.

Upon hearing the application at the sittings of the Board held in Ottawa, November 11 and 12, 1919, Winnipeg November 15, 1919, Vancouver, November 21, 1919, Victoria, November 24, 1919, Calgary, November 27, 1919, Edmonton, November 28, 1919, Saskatoon, November 29, 1919, Regina, December 1, 1919, Winnipeg, December 2, 1919, Fort William, December 3, 1919, Halifax, December 15, 1919, St. John, December 16, 1919, and Ottawa, January 27, 1920, in the presence of representatives of the Applicant Companies, the Boards of Trade of Toronto, Winnipeg, Calgary, Edmonton, Saskatoon, Regina, Halifax, and St. John, the Cities of Toronto, Hamilton, Regina, and St. John, the Province of Prince Edward Island, the Union of Canadian Municipalities, the Winnipeg Grain Exchange, the Fort William Grain Exchange, the Canadian Manufacturers' Association, the Canadian Credit Men's Trust Association, the Northwest Grain Dealers' Association, the Retail Merchants' Association of Manitoba, and certain Saskatoon local interests, and what was alleged,—

*It is ordered:* That the applicant companies be, and they are hereby permitted to file with the Board, for its consideration, tentative schedules in accordance with the direction contained in the judgment of the Assistant Chief Commissioner, dated May 6, 1920, attached hereto marked "A." and which, for the purpose, as well as the judgment of the Chief Commissioner, dated March 23, 1920, attached hereto marked "B," are hereby made a part of this order.

S. J. McLEAN,  
Assistant Chief Commissioner.

OTTAWA, May 21, 1920.

## GENERAL ORDER No. 298

*In the matter of the consideration of a special form of Contract for the Transportation of Live Stock, to be used by the railway companies subject to the jurisdiction of the Board.*

File No. 28233.

Upon hearing the matter at the sittings of the Board held in Ottawa, February 10, 1920, the Canadian Manufacturers' Association, the Western Live Stock Shippers' Association, the Winnipeg Live Stock Exchange, the Calgary Live Stock Exchange, the Cattlemen's Protective Association of Western Canada, the Express Traffic Association, the Toronto Humane Society, the Western Canada Live Stock Union, the Canadian Council of Agriculture, the United Farmers of Ontario, the United Farmers' Co-operative Company, the Eastern Canada Live Stock Union, the Brotherhood of Locomotive Engineers, the Brotherhood of Locomotive Firemen, Swifts Canadian Company, the Grand Trunk and Canadian Pacific Railway Companies, the Canadian National Railways, and the Michigan Central Railroad Company being represented at the hearing, and what was alleged,—

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It is Ordered as follows:—

1. That the forms of Live Stock Contract and the Special Contract with Attendants in Charge of Stock, attached hereto marked Schedule "A" and Schedule "B" respectively, be, and they are hereby, approved.
2. That the form of the Special Contract with Attendants in Charge of Stock (Schedule "B") be printed on the back of the Live Stock Contract form (Schedule "A").
3. That on and after the 1st day of July, 1920, the forms herein approved shall be the only contracts for the carriage of live stock to be used by all the railway companies subject to the legislative authority of the Parliament of Canada.

F. B. CARVELL,  
Chief Commissioner.

OTTAWA, June 2, 1920.

SCHEDULE A

FORM of Live Stock Bill of Lading, approved by the Board of Railway Commissioners for Canada by Order No. \_\_\_\_\_ on the .....day of.....1920.

Shipper's No.....  
Agent's No.....

.....Railway Company

LIVE STOCK

SPECIAL CONTRACT, ORIGINAL, NOT NEGOTIABLE

Cars  
Initials Nos. .... Station .....192...  
 RECEIVED, subject to the classification and tariffs in effect on the date of issue of this original Live Stock Bill of Lading (except when inconsistent herewith).  
 at.....on.....192...  
 from.....  
 the live stock of the kind and number, and consigned and destined as indicated below, which the said Company agrees to carry to its usual place of delivery at said destination, if on its road, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said live stock, over all or any portion of said route to destination, and as to each party at any time interested in all or any of said live stock, that every service to be performed hereunder shall be subject to all the conditions, whether printed or written, herein contained, and which are agreed to by the shipper and accepted for himself and his assigns.

If charges are to be prepaid, write or stamp here "To be prepaid."

|  |                            |   |                               |
|--|----------------------------|---|-------------------------------|
| Received \$.....   |                            |   |                               |
| To apply in prepayment of the charges on the property described. |                            |   |                               |
| Agent or Cashier per.....  | Consignee and destination. | Number and description. Shipper's load and count. | Weight subject to correction. |
| The signature here acknowledges only the amount paid.            | .....                      | .....   | .....                         |
| Charges advanced \$.....   | .....                      | .....   | .....                         |

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SECTION 1

The shipper agrees to pay, if required, before delivery, all lawful and proper charges as well as freight thereon to the carrier at the rate of.....per one hundred pounds, which is the lower published tariff rate, and is based on the express condition that the carrier shall in no case be liable for loss of or damage or injury to said live stock, in excess of the following agreed valuation, or a proportionate sum in any one case, upon which valuation the rate charged for the transportation of the said live stock is based, and beyond which valuation neither the carrier nor any connecting carrier shall be liable in any event, whether the loss, injury or damage occurs through the negligence of the carrier or any connecting carrier, or their or either of their employees, or otherwise, viz,—

|   |                          |
|---|--------------------------|
| Horses or mules.....  | Not exceeding \$200 each |
| Colts, under one year of age.....                                     | Not exceeding \$100 each |
| Cattle (except calves).....   | Not exceeding \$150 each |
| Hogs ..   | Not exceeding \$40 each  |
| Other domestic animals (including calves 6 months old and younger) .. | Not exceeding \$ 20 each |

If, upon inspection, it is ascertained that the live stock shipped is not as described in this Live Stock Bill of Lading, the freight charges must be paid on the live stock actually shipped, with any additional charges lawfully payable thereon.

SECTION 2

No carrier is bound to transport said live stock by any particular train, or in time for any particular market, or otherwise than with reasonable dispatch, unless by specific agreement endorsed herein. Every carrier, in case of physical necessity, shall have the right to forward said live stock by any railway or route between the point of shipment and the point of destination.

SECTION 3

By this contract the carrier agrees to transport only over its own line, and acts only as agent with respect to the portion of the route beyond its own line, except as otherwise provided by law; no carrier shall be liable for damage or injury not occurring on its portion of the through route, nor after the stock has been delivered to the next carrier, except as such liability is or may be imposed by law. Unless a different agreement is made with connecting carriers, in respect to transportation on their respective lines, the terms and conditions hereof shall apply to the transportation by each carrier on any portion of the route to destination.

SECTION 4

(1) The shipper agrees to load, unload, or re-load said live stock at his own expense and risk; feed, water and attend same at his own expense and risk while in transit, except as provided in subsection (5) of this section. In case any of the employees of the carrier load, unload, reload, feed, water or otherwise care for the said live stock, or assist in doing so, they shall be treated as agents of the shipper for that purpose and not as the agents of the carrier; except when such loading, unloading, reloading, feeding or watering is occasioned by some act or default of the carrier.

(2) The carrier agrees to provide proper loading, unloading or reloading facilities and suitable equipment with secure car door fastenings for the transportation of said live stock.

(3) The shipper agrees to properly and securely place all said stock in cars, and the carrier shall, except in cases where the shipper or some person on his behalf accompanies the live stock, keep said doors securely locked or fastened until placed for unloading.

(4) If temporary partitions or decks are put in the cars by the shipper, the carrier shall not be responsible for the sufficiency thereof, or for any loss or damage caused by defects therein.

(5) In the event of delay to said live stock caused by the negligence of the carrier, any consequent unloading, reloading, feeding or watering en route shall be at the carrier's expense and risk; and any expense incurred by the shipper in connection therewith shall be repaid to him by the carrier.

SECTION 5

If the destination of the shipment of said live stock is more than one hundred and fifty (150) miles from the point of shipment, the shipper or some person on his behalf (not an employee of the carrier), must, unless special arrangements are otherwise made in writing, accompany and care for the shipment throughout the journey.

SECTION 6.

The carrier shall not be liable for loss, damage, or delay to any of the live stock herein described caused by the act of God, the King's or public enemies, riots, strikes, defects or inherent vice in the live stock, heat, cold, the authority of law, quarantine, the act or default of the shipper, or causes beyond the carrier's control; nor when caused by changes in weather or delay resulting therefrom, except such delay is due to the carrier's negligence, and the burden of providing freedom from such negligence shall be on the carrier; nor for loss or damage caused by fire occurring after cars have been placed for unloading at point of destination.

Except in case of the negligence of the carrier, (and the burden of proving freedom from such negligence shall be on the carrier), the carrier shall not be liable for loss, damage or delay occurring while the live stock is stopped and held in transit upon the request of the party entitled to make such request.

SECTION 7

Notice of claim on account of loss, damage or delay must be made in writing to the agent of the carrier at the point of shipment, or to the agent of the carrier at the point of delivery; or to a Divisional Superintendent, a District Freight Agent, a Claims Agent, or the General Counsel of the carrier, within thirty (30) days after the delivery of the live stock, or in case of failure, to make delivery, then within thirty (30) days after a reasonable time for delivery has elapsed. Unless notice is so given the carrier shall not be liable.

SECTION 8

No person accompanying the said live stock shall have the right to ride free or at a rate less than full fare in connection with this shipment, unless and until he has signed the special form of contract for such attendants, printed on the back hereof.

The carrier shall not be liable either for loss of life or personal injury to such persons accompanying said live stock, whether such person is being carried free or at a rate less than full fare, unless such loss of life or personal injury is caused by negligence on the part of the carrier, its servants or employees while the said persons are in the caboose or other car provided for their transportation, or while in the car provided for the transportation of the live stock.

SECTION 9

The shipper hereby acknowledges that he has the option of shipping the above described live stock at a higher rate of freight than that payable hereunder, and according to the classifications and tariffs of the carrier, or connecting carriers, the effect of which the shipper understands would be to remove the limitation on the amount of damages for which the carrier or the connecting carriers might be liable as herein provided, and the shipper has voluntarily elected to accept the limitation of liability herein contained to enable him to obtain the reduced freight rate above mentioned.

SECTION 10

Any alteration, addition or erasure in this Live Stock Bill of Lading shall be signed or initialled in the margin by an agent of the carrier issuing the same, and if not so signed or initialled shall be without effect, and this Bill of Lading shall be enforceable according to its original tenor.

..... Agent.

..... Shipper.

(This Bill of Lading to be signed by the shipper and the agent of the carrier issuing same.)

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SCHEDULE B

To be Printed on Back of Live Stock Contract

.....RAILWAY

SPECIAL CONTRACT WITH ATTENDANTS IN CHARGE OF STOCK

Nos. of Cars.

The parties actually in charge of and accompanying the within named stock, are required to read the following agreement, and to sign their names in ink or indelible pencil below the same, in the space provided for that purpose.

In consideration of the fact that I have been furnished with.....

(Free transportation)

(Transportation at less than full fare)

I agree to give the live stock included in this shipment all care and attention needed en route. If anything goes wrong in connection with the shipment, or if it needs any care or attention that requires the help or co-operation of the train crew, I will promptly notify the conductor in charge.

Whereas, travel by freight trains is necessarily more dangerous than upon passenger trains, I hereby release the said carrier and each and every connecting carrier which may grant me such free transportation or transportation at less than full fare, from all liability for any injury or damage suffered by me while violating any of the terms of this agreement with the said carrier, as stated below, all of which I agree to carefully observe and obey.

1. I will remain in a safe place in the caboose or other car provided for my transportation, or in the car provided for the transportation of the stock, at all times while the train is in motion.

2. I will not get on or off said caboose or other car when the same is in motion.

3. I will not get on or off, or walk over the cars while they are moving.

4. I will not walk or stand on any track or station or other premises of the carrier at night without a lighted lantern. I will not walk or stand on any track or attempt to cross any track, while switching is being or is about to be done thereon. I will at all times use every reasonable effort and precaution to protect myself from injury.

5. I will always bear in mind that freight trains do not stop at stations or places especially prepared for passengers to alight; that freight trains frequently stop on bridges and places along the line where it is not safe to alight; I will therefore not attempt to alight from the caboose or other car, when a train may stop for any purpose, without first making a careful examination (with a lighted lantern if at night time), and thus ascertaining that it is safe to alight at that point; and I will not omit taking these precautions because of anything said or done by employees of the carrier.

In further consideration of the fact that I have been furnished by the railway company with.....

(Free transportation)

(Transportation at less than full fare)

I hereby further agree that in case of any accident, casualty or mishap of any kind, howsoever caused, in which I may receive any personal injury while travelling pursuant to such transportation, I will within thirty (30) days after the happening of such injury, and as a condition precedent to the right to maintain any suit or action on account of such injury, notify the Railway Company by mailing or delivering to the General Counsel or the General Solicitor of the Railway Company, written notice of the time, place, circumstances, character and extent of such injury.

I fully understand that no agent or employee of the Railway Company has the right to waive the giving of such notice.

My signature hereto shall be conclusive evidence of my assent to and agreement herewith.

.....  
.....  
.....

Agent.

.....  
.....  
.....

Parties in charge of and accompanying stock sign above in ink or indelible pencil.

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## GENERAL ORDER No. 299

*In the matter of the application of the Great North Western Telegraph Company, the Canadian Pacific Railway Company, the Grand Trunk Pacific Telegraph Company, and the Western Union Telegraph Company, on behalf of all telegraph companies operating in Canada, hereinafter called the "Applicant Companies" for authority to increase their tariffs of tolls by about 25 per cent, notwithstanding the provisions of any legislation heretofore passed or of any rate-limiting agreement heretofore made; and in the matter of the General Order of the Board No. 297, dated May 21, 1920.*

File No. 10041.88.

Whereas the said telegraph companies have filed for the consideration of the Board the tentative schedules permitted for that purpose by the General Order of the Board No. 297, dated May 21, 1920, and these having been checked and sealed by the Board's Traffic Department so provided for in section XI (6) of the judgment of the Board, dated May 6, 1920, and certain alterations having been made therein as the result of such checking and sealing,—

*It is ordered:* That the said schedules so amended be, and they are hereby, approved, to be made effective not earlier than June 14, 1920.

S. J. McLEAN,  
*Assistant Chief Commissioner.*

OTTAWA, June 5, 1920.

## GENERAL ORDER No. 300

*In the matter of the consideration of a special form of Contract for the transportation of Live Stock, to be used by the Railway Companies, subject to the jurisdiction of the Board; and General Order No. 298, dated June 2, 1920, approving forms of Live Stock Contract and Special Contract with attendants in charge of stock, marked Schedules "A" and "B" respectively;*

File No. 28233.

*It is ordered:* That the date upon which the said forms of Live Stock Contract and the Special Contract with Attendants in Charge of Stock, marked Schedules "A" and "B" respectively, on file with the Board under file No. 28233, shall become effective, be postponed from the 1st day of July, 1920, as provided for in the said General Order No. 298, dated June 2, 1920, to the 15th day of July, 1920.

F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, June 30, 1920.

## GENERAL ORDER No. 301

*In the matter of the question of the coal supply in Canada, and the powers conferred upon the Board by Chapter 66 of the Acts of the Parliament of Canada, 1920.*

File No. 30331.5.

Upon its appearing to the Board that there is a real or apprehended scarcity of coal, with a view to conserving the supply, and in pursuance of the powers conferred by the said Act, chapter 66, 1920,—

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*The Board doth order:* That the exportation of coal from the Atlantic, St. Lawrence river and gulf ports of Canada, except to the United States or to Newfoundland, unless otherwise permitted and in accordance with regulations to be promulgated by the Board, be, and it is hereby, prohibited on and after the first day of August next.

F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, July 22, 1920.

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 GENERAL ORDER No. 302

*In the matter of the General Order of the Board No. 923, dated April 26, 1920, providing, inter alia, that all locomotives of railway companies subject to the jurisdiction of the Board be equipped with a seat for the brakemen.*

File No. 25279

Upon reading what is filed on behalf of the Brotherhood of Locomotive Engineers, the Brotherhood of Locomotive Firemen and Enginemen, and the Railway Association of Canada,—

*It is ordered:* That paragraph 1 of the said General Order No. 293, dated April 26, 1920, be, and it is hereby, amended by adding thereto the following, namely:—

“Provided, however, that such seat shall not be located in a position that will interfere with the seating space or seats provided for engineer and firemen, or that will obstruct their view from side windows.”

S. J. McLEAN,  
*Assistant Chief Commissioner.*

OTTAWA, July 23, 1920.

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 GENERAL ORDER No. 303

*In the matter of the international railway rates, fares and charges as affected by an Order of the Interstate Commerce Commission dated July 29, 1920, Ex Parte 74.*

File No. 30437

Whereas the Interstate Commerce Commission, by its Order dated at Washington, D.C., July 29, 1920, has granted carriers operating in the United States of America certain increases in their rates, fares and charges, as set out in the report of the said commission made part of its order, and the said increases being thereby made applicable also to the proportions of joint through rates to or from Canada accruing within the United States all of which may be made effective upon not less than five days' notice.

And whereas it is deemed by the Board to be expedient in the public interest that the continuity of joint through rates from points in the United States to points in Canada, and “vice versa,” should be preserved.

Therefore, in pursuance of the powers conferred upon the Board by Section 325 of the Railway Act, 1919, and of all other powers possessed by the Board in that behalf,—

*It is ordered:*

(1) That the proportions of through rates, fares and charges between the United States and Canada, fares in both directions, in effect at the date of this order, accruing within Canada, may, by general or blanket supplement to existing tariffs, be increased

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to the extent that the through rates, fares and charges shall conform to the increases authorized by the said order of the Interstate Commerce Commission: except on coal and coke, increases on which are reserved pending the judgment of the Board in the application of Canadian carriers for increased rates within Canada.

(2) That the through rates and fares from points in Canada to points in the United States, so increased, may be published and filed to become effective on or after August 26, 1920, upon not less than five days' notice.

S. J. McLEAN,

*Assistant Chief Commissioner.*

OTTAWA, August 13, 1920.

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GENERAL ORDER No. 304

*In the matter of special tariffs on freight traffic to Montreal, Quebec, St. John, West St. John, and Halifax, for export.*

File No. 30437-1

Whereas the rates and charges on freight traffic from United States shipping points to the Atlantic ports of the United States will be increased on August 26, 1920, by authority of an order of the Interstate Commerce Commission dated July 29, 1920; and the Board, by its General Order No. 303, dated August 13, 1920, has authorized increases in the freight rates and charges from Canada to the United States in conformity with the said Order of the Interstate Commerce Commission;

And whereas it is expedient in the public interest that the relationship between the rates and charges from Canadian shipping points on freight traffic to the ports of Montreal, Quebec, St. John, West St. John, and Halifax, for export, and those to the Atlantic ports of the United States be continued;

Therefore, in pursuance of the powers conferred upon the Board by section 325 of the Railway Act, 1919, and of all other powers possessed by the Board in that behalf,—

*It is ordered:* That the said rates and charges on export freight traffic from Canadian shipping points to Montreal, Quebec, St. John, West St. John, and Halifax may be increased in conformity with the said relationship, to become effective on or after August 26, 1920, on not less than five days' notice.

F. B. CARVELL,

*Chief Commissioner.*

OTTAWA, August 19, 1920.

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GENERAL ORDER No. 305

*In the matter of reconsigning rules and penalty charges for detention of equipment in interstate traffic passing through Canada.*

File No. 30451.

Whereas the Interstate Commerce Commission has, by its Special Permission No. 50321, dated at Washington, D.C., July 31, 1920, authorized the publication of revised reconsigning rules applicable on all freight in open top cars and coal and coke in all cars, and emergency penalty charges for detention to all open top cars, and cars loaded with lumber, coal or coke, to be made effective upon not less than five days' notice and the Canadian Freight Association, in behalf of Canadian carriers engaged in interstate traffic passing through Canada, has applied to the Board for permission to publish and file tariffs in accordance therewith;—



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*It is ordered:* That Canadian carriers of the said interstate traffic be, and they are hereby, permitted to publish and file tariffs in accordance with the said Special Permission No. 50321 of the Interstate Commerce Commission, to apply, at points in Canada, only on traffic "en route" from any point in the United States through Canada to any destination also in the United States.

F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, August 19, 1920.

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GENERAL ORDER No. 306

*In the matter of minimum carload weights of grain and grain products moving from the United States into Canada, and rules and regulations applicable thereto.*

File Nos. 27612 and 27612.20.

Whereas the Interstate Commerce Commission has, by its Special Permission No. 50450, dated at Washington, D.C., August 21, 1920, as amended, authorized the publication and filing, on one day's notice, special supplements to the tariffs of United States carriers establishing increased minimum weights on grain and grain products, in carloads, and rules and regulations applicable thereto, renewing and extending from September 1, 1920, to December 31, 1920, the said tariffs which would otherwise expire August 31, 1920, in accordance with the Interstate Commerce Commission's Special Permission No. 49801, dated March 17, 1920, and the Board's Special Authority No. 123, dated March 29, 1920,—

*It is ordered:* That the said Special Permission No. 50450, as amended, be, and it is hereby, approved with respect to the said traffic moving from points in the United States to destinations in Canada.

S. J. McLEAN,  
*Assistant Chief Commissioner.*

OTTAWA, August 28, 1920.

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GENERAL ORDER No. 307

*In the matter of reconsigning rules and penalty charges for detention of equipment interstate traffic passing through Canada, and the General Order of the Board No. 305, dated August 19, 1920.*

File No. 30451.

*It appearing* that the Interstate Commerce Commission has suspended clause 2 of the Emergency Penalty Charges authorized by its Special Permission No. 50321, dated July 31, 1920, the said clause 2 reading as follows:—

"On all open top cars and on all cars loaded with coal or coke not released within the free time as prescribed in the National Car Demurrage Rules, J. E. Fairbanks, I.C.C. No. 8, supplements thereto or reissues thereof, a storage charge of \$10 per car per day or fraction of a day will be made until car is released."

*It is ordered:* That the General Order of the Board No. 305, dated August 19, 1920, be, and it is hereby, amended accordingly.

F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, September 1, 1920.

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## GENERAL ORDER No. 308

*In the matter of the application of the Railway Association of Canada, on behalf of the railway companies members thereof and of all other railway companies within the jurisdiction of the Board, for authority to make a general advance of thirty per cent in the tolls at present charged for the carriage of freight by the said companies; and the further application for an additional increase of ten per cent in all freight rates, and an increase of twenty per cent in passenger fares, fifty per cent in sleeping and parlour car rates, forty per cent in the rates on milk, and twenty per cent in the rates for excess baggage.*

File No. 29996.

Upon hearing the applications at the sittings of the Board held in Ottawa, August 10, 11, 12, 15, 19, 20, and 21, 1920, in the presence of counsel for and representatives of the Canadian Pacific, Grand Trunk, Canadian Northern, Toronto, Hamilton & Buffalo, New York Central, Essex Terminal, Wabash, and Great Northern Railway companies, the Michigan Central Railroad Company, the Canadian Railway Association, the Canadian Freight Association, the Canadian Manufacturers' Association, the Livestock Dealers' Association, the Canadian Wholesale Grocers' Association, the Canadian Lumbermen's Association, the Retail Merchants' Association of Canada, the Clay Workers' Association, the Canadian Export Paper Company, the Dominion Cannery, Limited, the Carnation Milk Products, Limited, the Riordan Paper Company, the National Dairy Council, the United Farmers of Ontario, the Canadian Council of Agriculture, certain commercial organizations of the Maritime Provinces, the Retail Coal Dealers of Ontario, the Eastern Canada Livestock Union, the Crushed Stone Industries of Ontario, the Western Canada Livestock Union, the Canadian Construction Company, Limited, the Boards of Trade of Winnipeg, Toronto, Montreal, and St. John, the city of Toronto, the Hamilton Chamber of Commerce, the London Chamber of Commerce, the Border Cities Chamber of Commerce, the Provinces of Manitoba, Saskatchewan, and New Brunswick and the Department of Public Highways for the Province of Ontario, the evidence offered and what was alleged; and upon reading the written submissions filed, judgment, dated September 6, 1920, was delivered by the Chief Commissioner, and concurred in by the other members of the Board who heard the application, a certified copy of the said judgment being attached hereto marked "A."—

*It is ordered:* That the changes in the tariffs of the companies operating steam railways subject to the jurisdiction of the Board, as set forth in the judgment, which is hereby made part of this order, be, and they are hereby, authorized

F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, September 9, 1920.

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## GENERAL ORDER No. 309

*In the matter of the application of the Railway Association of Canada, on behalf of the railway companies members thereof and of all other railway companies within the jurisdiction of the Board, for authority to make a general advance of thirty per cent in the tolls at present charged for the carriage of freight by the said companies; and the further application for an additional increase of ten per cent in all freight rates and an increase of twenty per cent in passenger fares; fifty per cent in sleeping and parlour car rates; forty per cent in the rates on milk, and twenty per cent in the rates for excess baggage.*

File No. 29996.

Supplements to the Standard Freight and Passenger Tariffs of the undermentioned railway companies having been filed on the basis prescribed by the Board's judgment, dated September 6, 1920, and General Order No. 308, dated September 9, 1920,—

*It is ordered:* That the following Supplements to Standard Freight Tariffs of Maximum Mileage Tolls be, and they are hereby, approved; the rate scales of the said tariffs to be published in at least two consecutive weekly issues of the *Canada Gazette*, preceded by the following notice:—

“The undermentioned Supplements to Standard Freight Tariffs having been filed for the approval of the Board of Railway Commissioners for Canada, and being found by the Board to be in accordance with its judgment, dated September 6, 1920, and its General Order No. 308, dated September 9, 1920, and having been approved by its General Order No. 309, dated September 9, 1920, the rate scales thereof are hereby published.”

- Atlantic, Quebec & Western Railway—Supplement No. 1 to C.R.C. No. 26.
- Canadian National Railways—Supplement No. 1 to C.R.C. No. E. 115.
- Canadian Northern Railway—Supplement No. 1 to C.R.C. No. E. 1102.
- Canadian Northern Railway—Supplement No. 1 to C.R.C. No. W. 1132.
- Canadian Pacific Railway—Supplement No. 1 to C.R.C. No. E. 3543.
- Canadian Pacific Railway—Supplement No. 1 to C.R.C. No. W. 2392.
- Central Canada Railway—Supplement No. 1 to C.R.C. No. 33.
- Dominion Atlantic Railway—Supplement No. 1 to C.R.C. No. 576.
- Edmonton, Dunvegan & British Columbia Railway—Supplement No. 1 to C.R.C. No. 86.
- Esquimalt & Nanaimo Railway—Supplement No. 1 to C.R.C. No. 402.
- Glengarry & Stormont Railway—Supplement No. 1 to C.R.C. No. 93.
- Grand Trunk Railway—Supplement No. 1 to C.R.C. No. E. 3957.
- Grand Trunk Pacific Railway—Supplement No. 1 to C.R.C. No. 298.
- Great Northern Railway—Supplement No. 1 to C.R.C. No. 1423.
- Great Northern Railway—Supplement No. 1 to C.R.C. No. 1424.
- Great Northern Railway—Supplement No. 1 to C.R.C. No. 1425.
- Great Northern Railway—Supplement No. 1 to C.R.C. No. 1430.
- Kettle Valley Railway—Supplement No. 1 to C.R.C. No. 174.
- Michigan Central Railroad—Supplement No. 1 to C.R.C. No. 2812.
- Napierville Junction Railway—Supplement No. 1 to C.R.C. No. 198.
- New York Central Railroad—Supplement No. 1 to C.R.C. No. 1650.
- New York Central Railroad—Supplement No. 1 to C.R.C. No. 1681.
- Quebec Central Railway—Supplement No. 1 to C.R.C. No. 681.
- Quebec, Montreal & Southern Railway—Supplement No. 1 to C.R.C. No. 661.
- Quebec Oriental Railway—Supplement No. 1 to C.R.C. No. 37.

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Temiscouata Railway—Supplement No. 1 to C.R.C. No. 328.

Toronto Hamilton & Buffalo Railway—Supplement No. 1 to C.R.C. No. 1227.

*It is further ordered:* That the following Supplements to Standard Passenger Tariffs of Maximum Mileage Tolls be, and they are hereby, approved; the said Supplements to be published in at least two consecutive weekly issues of the *Canada Gazette*, each preceded by the following notice;—

“The undermentioned Supplement to Standard Passenger Tariffs having been filed for the approval of the Board of Railway Commissioners for Canada, and being found by the Board to be in accordance with its judgment, dated September 6, 1920, and its General Order No. 308, dated September 9, 1920, and having been approved by its General Order No. 309, dated September 9, 1920, is hereby published.”

Canadian Northern Railway—Supplement No. 1 to C.R.C. No. E.1064.

Canadian Northern Railway—Supplement No. 1 to C.R.C. No. W.1492.

Canadian Pacific Railway—Supplement No. 1 to C.R.C. No. E.3187.

Grand Trunk Railway—Supplement No. 1 to C.R.C. No. E.2669.

Grand Trunk Pacific Railway—Supplement No. 2 to C.R.C. No. 660.

Halifax & South Western Railway—Supplement No. 1 to C.R.C. No. P. 77.

Michigan Central Railroad—Supplement No. 1 to C.R.C. No. 2441.

Napierville Junction Railway—Supplement No. 1 to C.R.C. No. 92.

New York Central Railroad—Supplement No. 2 to C.R.C. No. 191.

Toronto, Hamilton & Buffalo Railway—Supplement No. 1 to C.R.C. No. 1209.

S. J. McLEAN,

*Assistant Chief Commissioner.*

OTTAWA, September 9, 1920.

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#### GENERAL ORDER No. 310

*In the matter of the application of the Railway Association of Canada, on behalf of the railway companies, members thereof, and of all other railway companies within the jurisdiction of the Board, for authority to make a general advance of thirty per cent in the tolls at present charged for the carriage of freight by the said companies; and the further application for an additional increase of ten per cent in all freight rates and an increase of twenty per cent in passenger fares; fifty per cent in sleeping and parlor car rates; forty per cent in the rates on milk; and twenty per cent in the rates for excess baggage.*

File No. 29996.

Supplements to the Standard Freight and Passenger Tariffs of the undermentioned railway companies having been filed on the basis prescribed by the Board's Judgment, dated September 6, 1920, and General Order No. 308, dated September 9, 1920,—

*It is ordered:* That the following Supplements to Standard Freight and Passenger Mileage Tariffs be, and they are hereby, approved; the said Supplements together with reference to this order to be published in at least two consecutive weekly issues of the *Canada Gazette*:—

#### FREIGHT

Algoma Central and Hudson Bay Railway—Supplement No. 2 to C.R.C. 478.

Algoma Eastern Railway—Supplement No. 1 to C.R.C. 223.

Central Vermont Railway—Supplement No. 1 to C.R.C. 1295.

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Fredericton and Grand Lake Coal and Railway—Supplement No. 1 to C.R.C. 84.  
 New Brunswick Coal and Railway—Supplement No. 1 to C.R.C. 51.  
 Pere Marquette Railway—Supplement No. 1 to C.R.C. 2215.

## PASSENGER

Central Vermont Railway—Supplement No. 1 to C.R.C. 502.  
 Dominion Atlantic Railway—Supplement No. 1 to C.R.C. 404.  
 Fredericton and Grand Lake Coal and Railway—Supplement No. 1 to C.R.C. 4.  
 Great Northern Railway—Supplement No. 2 to C.R.C. 1161.  
 Glengarry and Stormont Railway—Supplement No. 2 to C.R.C. 2.  
 Midland Railway of Manitoba (Northern Pacific Ry.)—Supplement No. 1 to C.R.C. 317.  
 New Brunswick Coal and Railway—Supplement No. 1 to C.R.C. 4.  
 Pere Marquette Railway—Supplement No. 1 to C.R.C. 580.  
 Quebec Central Railway—Supplement No. 1 to C.R.C. 174.  
 Wabash Railway—Supplement No. 1 to C.R.C. 996.

S. J. McLEAN,

*Assistant Chief Commissioner.*

OTTAWA, September 15, 1920.

## GENERAL ORDER NO. 311

*In the matter of the application of the Railway Association of Canada, on behalf of the railway companies members thereof and of all other railway companies within the jurisdiction of the Board, for authority to make a general advance of 30 per cent in the tolls at present charged for the carriage of freight by the said companies; and the further application for an additional increase of 10 per cent in all freight rates and an increase of 20 per cent in passenger fares; 50 per cent in sleeping and parlour car rates; 40 per cent in the rates on milk; and 20 per cent in the rates for excess baggage.*

File No. 29996.

Whereas Standard Freight Tariffs or Supplements thereto of the undermentioned railway companies have been filed on the basis prescribed by the judgment of the Board dated September 6, 1920, and General Order No. 308, dated September 9, 1920,—

*It is ordered:* That the following Standard Freight Mileage Tariff and Supplements be, and they are hereby, approved; the said tariff and supplements, with a reference to this order, to be published in at least two consecutive weekly issues of the *Canada Gazette*:—

Essex Terminal Railway—C.R.C. No. 544.

Boston & Maine Railroad—Supplement No. 1 to C.R.C. No. 1908.

Maine Central Railroad—Supplement No. 1 to C.R.C. No. C1566.

F. B. CARVELL,

*Chief Commissioner.*

OTTAWA, September 23, 1920.

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## GENERAL ORDER NO. 312

*In the matter of the question of the coal supply in Canada; and in the matter of an Order amending the General Order of the Board No. 301, dated the 22nd July, 1920, and the powers conferred upon the Board by Chapter 66 of the Acts of Parliament of Canada, 1920.*

File No. 30331.51.

Upon its appearing to the Board that a permit system is essential to render more effective the intent and purpose of General Order No. 301, dated the 22nd day of July, A.D. 1920; and in pursuance of the powers conferred by the said Act, chapter 66, 1920,—

*The Board doth order:* That the said General Order No. 301, dated the 22nd day of July, A.D. 1920, be, and it is hereby, amended by the addition thereto of the following words, namely: "And in the case of each shipment by water to the United States an export permit must first be secured from this Board".

F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, September 24, 1920.

## GENERAL ORDER NO. 313

*In the matter of the General Order of the Board No. 303, dated August 13, 1920, providing that the proportions of through rates, fares, and charges between the United States and Canada, in both directions, in effect at the date of the Order, accruing within Canada, may, by general or blanket supplement to existing tariffs, be increased to conform to the increased rates, fares, and charges authorized by the Interstate Commerce Commission by Order dated July 29, 1920.*

File No. 30437.

Whereas by Special Permission No. 50450, dated Washington, D.C., August 26, 1920, the Interstate Commerce Commission authorized United States carriers or their agents to file, upon one day's notice, special supplements correcting increased rates and charges filed under but not in conformity with its Order dated July 29, 1920, as amended August 11 and August 18, 1920,—

*It is therefore ordered:* That the said General Order of the Board No. 303 be, and it is hereby, amended to provide that the said corrections, where necessary, be made in the general or blanket supplement authorized by the general order of the Board No. 303, dated August 13, 1920, upon one day's notice.

S. J. McLEAN,  
*Assistant Chief Commissioner.*

OTTAWA, September 22, 1920.

## GENERAL ORDER No. 314

*In the matter of the question of the coal supply of Canada and the powers conferred upon the Board by Chapter 66 of the Acts of the Parliament of Canada, 1920.*

File No. 30331.1

Upon its appearing to the Board that there is a real or apprehended scarcity of coal, with a view to conserving the supply and so far as possible ensuring the equitable

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distribution and disposition thereof; in pursuance of the powers conferred upon the Board by the said Act, chapter 66, in amendment to the Railway Act, 1919, and under the said Railway Act,—

*The Board orders:* That the following "Regulations" governing the control of fuel supplies be, and they are hereby, prescribed for observance and use in Canada, as therein provided:—

## REGULATIONS

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### PART A.

#### INTERPRETATION

(1) In these and all other regulations issued by the Board in its capacity as Fuel Controller for Canada, unless the context otherwise requires,—

(a) "Broker" means a person who buys and sells coal or arranges such transactions between buyer and seller, but in either event does not physically receive and handle the coal.

(b) "Wholesale dealer" means a person who physically handles and sells coal to a retail dealer.

(c) "Retail dealer" means a person who physically handles and sells coal to a consumer.

(d) "Dealer" means any wholesale or retail dealer.

(e) "Consumer" means a user of coal for domestic, industrial, or any other purposes.

(f) "Fuel Administrator" means any individual or board appointed under paragraph 2 of this part.

(g) "Fuel Commissioner" means any individual or board appointed under paragraph 4 of this part.

(h) "Coal" means coal or lignite.

(i) "Person" includes natural persons and bodies corporate.

#### ORGANIZATION AND LICENSING OF DEALERS

##### *Provincial*

(2) The Government of each of the provinces of Canada may appoint a Provincial Fuel Administrator or Board of Administrators for such province, and may create such central provincial organization as may be deemed necessary. Any expense so incurred shall be borne by each province.

(3) The powers and duties of Fuel Administrators so appointed shall, subject to any orders, regulations, or directions of the Board, be as follows:—

(a) To supervise the distribution of all coal and other fuel imported into or made available within such province.

(b) To develop the demand for and supply of wood and other coal substitutes to the greatest possible extent.

(c) To promote and administer any organization prescribed by these regulations within the province.

(d) To gather and compile, in collaboration with the Dominion Bureau of Statistics, statistics dealing with the production and consumption of fuel of all kinds within the province.

(e) To promote within the province the greatest development of any coal areas available.

(f) To issue orders to dealers, consumers, and others within the province regarding the distribution and use of coal.

(g) To license, as hereinafter provided, brokers, dealers, and others desirous of engaging in the business of selling coal.

(h) Generally to assist and advise the Board in regard to fuel matters and the enforcement of any orders or regulations that may from time to time be prescribed by the Board.

##### *Municipal*

(4) The council of any municipality may appoint a Local Fuel Commissioner or Board of Fuel Commissioners with such organization as may be deemed necessary. Any expenses so incurred shall be borne by the municipality.

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(5) On the petition of two-thirds of the dealers in any municipality, addressed to the Fuel Administrator, preferring complaint against any Fuel Commissioner, the said Fuel Administrator shall forthwith cause an investigation to be made into the said complaint, and if sufficient cause be shown may call upon the municipality to remove such officer.

(6) The duties of Fuel Commissioners shall be,—

- (a) To co-ordinate the work of fuel dealers in apportioning and delivering coal during any period of fuel scarcity within such municipality.
- (b) To institute when deemed necessary a system of controlling retail coal deliveries through orders on dealers within the municipality issued by the Fuel Commissioner.
- (c) Generally to assist the Fuel Administrator in enforcing such orders and regulations as may from time to time be made by the Board or by the Fuel Administrator.

#### *Dealers' Permits*

(7) Any person engaged in or who desires to engage in the business of selling coal as a broker, wholesale or retail dealer may be required by the Provincial Fuel Administrator to apply for a permit as hereinafter set forth in Form "A" or Form "B." Such permit, when issued, must be prominently exposed in the permittee's office, and the Provincial Fuel Administrator may order that no one shall commence the business of selling coal as a broker, wholesaler, or retailer without first obtaining a permit in said Form "A" or "B," as the case may be.

(8) Fees on a basis approved by the Government of any province may be charged for dealers' permits in such province, and such dealers' permits shall only be valid for the coal year within which they are issued.

(9) Dealers or brokers carrying on business and accepting orders for coal in more than one office, or who maintain branch offices within the same municipality or in other municipalities, may be required to secure a permit for each such separate office.

(10) Every application for a dealer's permit shall be in the Form "C," as hereinafter set forth, and shall be mailed by registered letter with all fees payable therefore to the Fuel Administrator for the province within which the applicant conducts business.

(11) On receipt of any application for a dealer's permit and the proper fee therefor, the Fuel Administrator shall, if the application be approved by him, mail to the applicant a receipt for the amount so paid, together with the said permit.

(12) On receipt by the Fuel Administrator of an application for a dealer's permit and the proper fee therefor, if the said application be not approved by him, the said fee shall be returned to the applicant, and a report stating the reason for disapproval shall forthwith be mailed by him to the said applicant.

(13) All fees collected by the Fuel Administrator in respect to dealers' permits shall be paid by him to the Government of the province, and shall be utilized by such province towards defraying any expenses incurred in connection with the Office of the Fuel Administrator for such province.

#### *Cancellation of Permits*

(14) In case any broker or dealer fails to obey any directions in writing issued by the Fuel Administrator or the Fuel Commissioner, or is found guilty of having given short weight, or in case there is other sufficient cause as to which the Fuel Administrator shall be the judge, the said Fuel Administrator may forthwith suspend or cancel any permit issued by him upon giving notice to the permittee by registered letter, and may afterwards renew such permit as he may in his discretion see fit.

### PART B

#### LOCAL CONTROL AND DISTRIBUTION

(1) The Fuel Administrator may give directions in writing to the Fuel Commissioner within any municipality respecting the equitable distribution and prompt delivery of coal therein not inconsistent with these regulations or with any orders of the Board that may be in force, and shall file a copy of such directions with the Board. The Fuel Commissioner shall forthwith mail a copy of the said directions to each dealer within the municipality by registered letter.



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*Restriction of Coal Deliveries*

(2) No dealer shall sell or deliver to a consumer, and no consumer shall receive any quantity of coal which, added to the quantity of such coal which such consumer may then have on hand, would constitute more than an estimated supply sufficient for such percentage of such consumer's normal needs to the 31st March, 1921, as may from time to time be determined by the Fuel Administrator.

(3) When so ordered by the Fuel Administrator, all dealers in any municipality selling coal direct to consumers shall require each consumer to sign a statement in Form "D" hereto.

(4) Notwithstanding the absence of any specific order under paragraph (3) by the Fuel Administrator any dealer selling coal direct to a consumer may require the said consumer to sign a statement in Form "D" hereto.

(5) The production by any dealer of a statement signed by the consumer as set forth in Form "D" hereto shall, if in conformity with Section (2), be prima facie evidence that no breach of section (2) hereof has been made by such seller.

*Restricting Use of Coal*

(6) The Fuel Commissioner, with the approval of the Fuel Administrator, may by registered letter issue orders to any or all fuel dealers within the municipality prohibiting such fuel dealers from supplying coal for any stated period, or until otherwise directed, to any individual consumer or group of consumers requiring coal for purposes not deemed vitally important.

(7) Upon the written recommendation of the Fuel Commissioner, the council of any municipality may make orders governing the curtailment in the use of coal or wood in public halls or other meeting places within the municipality.

(8) Anthracite coal of what is commonly known as prepared sizes shall not be used by any individual consumer for heating or power purposes except with the written consent of the Fuel Administrator.

(9) Whenever deemed desirable by the Fuel Administrator, he may by registered letter addressed to the Fuel Commissioner or to any consumer in any town or city within his Province, prohibit entirely or limit in any manner he may deem advisable the use of anthracite coal of what is commonly known as prepared sizes in any class of buildings whatsoever within such town or city.

Provided, however, that the owner or agent of any building so restricted may, on showing cause, obtain a permit in writing signed by the Fuel Administrator to use anthracite coal without any restriction.

(10) Whenever any formal order has been issued under paragraph (9) hereof, the Fuel Administrator shall forthwith cause a copy of such order to be inserted in at least one issue of any newspaper published in the town or city affected.

*Requisitioning of Coal*

(11) When in the judgment of the Fuel Commissioner an emergency exists, he may, subject to the approval of the Fuel Administrator, requisition any quantity of anthracite coal in the possession of any consumer in excess of the supply permitted under section (2) hereof, and may direct the disposal of such excessive supply of coal.

(12) Where a requisition is made pursuant to the provisions of section (11) hereof, the Fuel Commissioner may authorize any local dealer to enter the premises of the consumer named therein and remove therefrom the required quantity of coal, and deliver the same to such person as he may direct. Such dealer shall be liable to pay to the owner of such coal the compensation due to him under section (13) hereof, and may charge the person to whom it is delivered such price per ton as will reimburse him the amount of such compensation plus actual cost of delivery and profit not exceeding twenty-five cents per ton.

(13) The compensation to be paid the owner of any coal so requisitioned shall be the actual value of the said coal at retail at the time of such requisitioning, or at his option, the actual cost at the time of purchase plus seven per cent interest to date of requisition. In case of disagreement the decision of the Fuel Commissioner shall be final.

(14) For his information and assistance in carrying out the provisions of paragraphs (11), (12), and (13) hereof, the Fuel Administrator may require the council of any municipality:—

- (a) To cause an immediate and independent investigation to be made into the local fuel situation, and to report the result to him.

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- (b) To state by formal resolution whether or not in its opinion an emergency justifying requisitioning of coal under the preceding provisions actually exists.
- (c) To submit to him recommendations with regard to any matter connected therewith.

#### *Delivery Facilities*

(15) The Fuel Commissioner may, by written notice directed to any fuel dealer, carter, or any other person within the municipality, requisition the use of any horse, wagon, sleigh, and other delivery equipment owned by or being in the custody of such person for the purpose of expediting coal deliveries during any period when an emergency is deemed by such Fuel Commissioner to exist. He shall also fix the remuneration and make directions for the use of such equipment.

#### *Reports and Notices*

(16) The Fuel Commissioner may, by written notice, require any dealer within the municipality to furnish him daily with statements showing—

- (a) Tonnage of coal of various classes received the previous day and total quantity on hand.
- (b) A list of orders for coal booked by him the previous day.
- (c) A list of coal deliveries showing quantity by class and name and address of each recipient made by him the previous day.
- (4) The prices charged for coal so delivered.

(17) Every retail coal dealer may be required by the Fuel Commissioner to post in a prominent place in that portion of his office to which the public has access, a conspicuous typewritten or printed notice containing a list of prevailing retail prices of all classes and sizes of coal handled by him with cash discounts allowed, if any.

(18) Every retail coal dealer may be required to notify the Fuel Commissioner of any proposed changes in the selling prices of coal or extra charges to be imposed for long haul deliveries, or for any other reason, or for deduction made from standard prices in connection with yard deliveries.

#### PROSECUTIONS AND PENALTIES

(19) No information shall be laid by anyone excepting the Board against any dealer or broker without first submitting the facts to the Fuel Administrator and obtaining his consent in writing, and in all cases where information is laid by any municipal authority under these regulations, such municipality shall be entitled to receive all fines imposed in such cases.

(20) Any (a) dealer or other person contravening any of the provisions of these regulations, or failing to observe any directions of the Board or of the Fuel Administrator under these regulations, or making a false statement in the form set out in paragraphs (3), (4), or (16) of Part B hereof, knowing the same to be false; or (b) consumer of coal who, within ten days following the receipt of any request in writing from the Provincial Fuel Administrator or from the Local Fuel Commissioner, fails to furnish any information so called for respecting the fuel requirements or consumption for any specified period, or respecting the heating or power equipment of any premises occupied by him or in his charge as tenant, agent, or owner, or who furnishes false information in such matters to the said Fuel Administrator or Fuel Commissioner knowing the same to be false, shall be guilty of an offence, and shall be liable for each such offence to a penalty of not less than \$20 and not more than \$5,000, in the discretion of the court before which the same is recoverable.

(21) Where an information is laid against any dealer or broker for an offence under paragraph (12) hereof, the onus shall be upon the defendant to establish that the prices charged by him did not exceed those authorized by these regulations.

S. J. McLEAN.

*Assistant Chief Commissioner.*

OTTAWA, October 5, 1920.

SESSIONAL PAPER No. 20c

GENERAL ORDER No. 314

FORM "A"

PERMIT TO ACT DURING THE COAL YEAR 1920-21 AS BROKER, WHOLESALE DEALER, OR RETAIL DEALER IN COAL PRODUCED IN CANADA EXCLUSIVELY.

In accordance with the General Order No. 314 of the Board of Railway Commissioners for Canada, under paragraph 7 of Part "A" of the said Order, dated the 5th October, 1920, permission is hereby granted to..... of ..... to act as broker, wholesale or retail dealer in coal produced in the Dominion of Canada exclusively.

This permit is not transferable, and is valid until the 31st March, 1921, only.

The issuance of this permit does not relieve the above concern of the necessity for obtaining any other permit or license that may be required under Dominion, provincial, municipal or other authority.

..... Fuel Administrator for the Province of .....

Date.....192..

(This permit to be issued in triplicate, one copy to be mailed or delivered to (a) the permittee, one to (b) the Board of Railway Commissioners for Canada, and one (c) to be retained by the Provincial Fuel Administrator issuing the same.)

FORM "B"

PERMIT TO ACT AS BROKER, WHOLESALE DEALER, OR RETAIL DEALER IN COAL IN CANADA FOR THE COAL YEAR 1920-21.

In accordance with General Order No. 314 of the Board of Railway Commissioners for Canada, under paragraph 7 of Part "A" of the said Order, dated the 5th October, 1920, permission is hereby granted to..... of ..... to act as broker, wholesale dealer, or retail dealer in coal in the Dominion of Canada.

This permit is not transferable, and is valid until the 31st of March, 1921, only.

The issuance of this permit does not relieve the above concern of the necessity for obtaining any other permit or license that may be required under Dominion, provincial, municipal, or other authority.

..... Fuel Administrator for the Province of .....

Date.....192..

(Permit to be issued in triplicate, one copy to be mailed or delivered to (a) the permittee, one to (b) the Board of Railway Commissioners for Canada, and one (c) to be retained by the Provincial Fuel Administrator issuing the same.)

FORM "C"

APPLICATION FOR COAL DEALER'S PERMIT

Date.....

SIR,—Under paragraph (10) of Part "A" of General Order No. 314 of the Board of Railway Commissioners for Canada, dated the 5th October, 1920, application is hereby made for a permit to act as broker, wholesale, or retail dealer in coal in Canada, as indicated hereunder.

..... (State whether broker, wholesale dealer, or retail dealer.)

11 GEORGE V, A. 1921

During the twelve months commencing the 1st of April, 1919, and ending the 31st March, 1920, the amount of coal of all grades delivered by us was..... net tons, and I hereby certify that the above information is correct.

Strike out either paragraph (a) or paragraph (b), so as to show which kind of permit is desired. (a) I desire a permit to deal in coal produced in Canada only; or (b) I desire a permit to deal wholly or partly in imported coal.

Remittance of \$..... is enclosed herewith, based on the scale of fees set forth below.

The permit should be made out in the name of..... (State name of company or firm in full.)

All communications from the Board of Railway Commissioners for Canada or the Provincial Fuel Administrator should be addressed to..... (State name of official and position.) at this address..... (State address.)

Name of company or firm.....

Name of official or partner.....

This application must be signed by an official or a partner.

Scale of Fees Payable to Fuel Administrator for Dealer's Permits. (To be set forth hereunder.)

FORM "D"

Consumer's Statement under paragraph (3), Part "B," of the General Order of the Board of Railway Commissioners for Canada, No. 314, dated the 5th October, 1920.

..... of ..... (Name of applicant) (city, town, or village) in ..... hereby applies to ..... (Street and number) (Name of Dealer) coal dealers for ..... tons of ..... tons of ..... tons of ..... making a total of ..... tons of anthracite coal and ..... tons of other coal.

It is hereby certified

(1) That the undersigned now has on hand at the premises..... (Street and number) for which the said coal is required, the following estimated quantities of the same class and grade of coal, namely: ..... tons of ..... tons of ..... tons of ..... making a total of ..... tons of anthracite coal, and ..... tons of other coal.

(2) That the applicant's total normal requirements for the said premises of the same class and grades of coal for the year ending 31st March, 1921, are estimated at ..... tons of anthracite, prepared sizes, including pea ..... tons of anthracite, smaller varieties;..... tons of bituminous.

SESSIONAL PAPER No. 20c

(3) That during the year ending 31st March, 1920, the undersigned actually used for the said premises the following coal:

- .....tons of anthracite, prepared sizes, including pea
- .....tons of anthracite, smaller varieties.
- .....tons of bituminous.

(4) That this is the only order given by the applicant for any coal of the same class or grade as now applied for since the 1st of April, 1920, except as follows:

.....  
.....

(5) That the quantity applied for above, together with the quantity of the same class or grades which the undersigned now has on hand, will not exceed the maximum supply permitted under paragraph (2), Part "B," of the General Order of the Board of Railway Commissioners for Canada, and any amendments thereto, issued through the Fuel Administrator or otherwise.

(6) The undersigned (if a farmer) hereby affirms that he has no supply of wood available on his property.

The foregoing statement is declared to be correct in every particular.

Dated at ..... this ..... day of ..... 192..

.....  
(Signature of applicant)

Witness .....

I certify that the above order is accepted and entered on our books.

.....  
(Signature of applicant)

*Important.*—This form must be mailed to the Local Fuel Commissioner. If no such officer is available, it must be kept on file by the dealer until such time as a Local Fuel Commissioner is appointed.

GENERAL ORDER No. 315

*In the matter of the application of the Department of Health for the Dominion of Canada, hereinafter called the "applicant," under the provisions of the Railway Act, 1919, for permission to place signs dealing with the prevention and spread of venereal disease in coaches and railway station lavatories of railway companies operating in Canada under the jurisdiction of the Board.*

File No. 30525

Upon its being represented to the Board that the signs in question are issued under the authority of the Department of Health of the Dominion of Canada, and reading what is filed in support of the application,—

*The Board orders:* That permission be granted the applicant to place signs dealing with the prevention and spread of venereal disease in all coaches and station lavatories of railway companies in Canada subject to the jurisdiction of the Board: Provided that a notation be carried on the bottom of each copy of the sign set up or placed under the provisions of this order to the effect that the same is issued under the authority of the Department of Health for the Dominion of Canada.

S. J. McLEAN,  
*Assistant Chief Commissioner.*

OTTAWA, September 29, 1920.

11 GEORGE V, A. 1921

## GENERAL ORDER No. 316

*In the matter of the question of the coal supply of Canada; and in the matter of expediting the transportation performance of coal-carrying equipment in Canada, and the powers conferred upon the Board by Chapter 66 of the Acts of the Parliament of Canada, 1920.*

File No. 30331.4001

Upon its appearing to the Board that there is a shortage of coal-carrying equipment, and that the rate at which coal cars have been and are being unloaded is impeding the full utilization of available equipment; and in pursuance of the powers conferred by the said Act, chapter 66, 1920,—

*The Board doth order:* That whenever, by reference from the Board or otherwise, it comes to the knowledge of the Fuel Administrator for the time being of any province, duly appointed by the Government of such province, that any freight car containing coal or coke has remained under load at its destination or elsewhere on any railway in Canada for a longer period than six days after arrival, the Fuel Administrator may notify the consignee by registered mail or by telegram that unless the said car is unloaded, or furtherance order given as the case may be, within two days after date of such notice, the Fuel Administrator will take the action hereinafter outlined, and the Fuel Administrator may thereupon authorize the railway company to seize the contents of the said car and summarily offer the same for sale to the municipality at which the said car is seized, and to any coal or coke dealers at the said point, and to sell the same to the municipality or the dealer offering the highest price therefor; and after paying all charges that may be due and chargeable thereon, as well as the expenses connected with the seizure and sale, the railway company shall pay the balance, if any, of the proceeds of such sale to the consignee or to the consignor, as their interest may appear.

▲ *The Board doth further order:* That any Fuel Administrator taking action under the foregoing paragraph shall thereupon report to the Board what action has been taken by him, together with recommendations for any further action he may deem necessary.

S. J. McLEAN,

*Assistant Chief Commissioner*

OTTAWA, October 5, 1920.

## GENERAL ORDER No. 317

*In the matter of the application of the Railway Association of Canada, on behalf of railway companies subject to the jurisdiction of the Board, for free transportation under Section 345 of the Railway Act, 1919.*

File No. 496-29

Upon reading the application and considering what has been urged in support thereof,—

*The Board orders:* That the railway companies subject to the jurisdiction of the Board be, and they are hereby, permitted, until further Order, to issue free transportation in the following instances, namely:—

- (a) Agents of the Immigration and Colonization Departments, Provincial Governments of Ontario, Quebec, New Brunswick, Nova Scotia, and Prince Edward Island, actually accompanying parties of immigrants from the Atlantic seaboard to points within their respective provinces, or when travelling to the seaboard for this purpose.

## SESSIONAL PAPER No. 20c

- (b) Railroad Y.M.C.A. officers and employees bona fide engaged in railway work and dependent members of their families over railway upon which railroad branch of Y.M.C.A. at which employed is located; also such general officers of the Y.M.C.A. as are bona fide engaged in railway work.
- (c) Such officers and agents of the Salvation Army as are bona fide engaged in immigration work.

OTTAWA, October 27, 1920.

S. J. McLEAN,  
*Assistant Chief Commissioner.*

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 GENERAL ORDER No. 318

*In the matter of the General Order of the Board No. 314, dated October 5, 1920, adopting regulations governing the control of fuel supplies.*

File No. 30331.1.

Whereas it is deemed desirable by the Board that the said regulations be amended to provide for the distribution of coal at fair and reasonable prices,—

*It is accordingly ordered:* That the said General Order No. 314, dated October 5, 1920, be, and it is hereby, amended by substituting for paragraph (h) in section 3, part "A" of the order the following, namely:—

"(h) To fix and determine, in case of need and subject to the approval of the Government of the province, the maximum prices at which any or all classes and grades of fuel may be sold and distributed within any municipality,"

And adding, as paragraph (i) to the said section 3, the following:

"(i) Generally to assist and advise the Board in regard to fuel matters and the enforcement of any orders or regulations that may from time to time be prescribed by the Board."

OTTAWA, November 13, 1920.

S. J. McLEAN,  
*Assistant Chief Commissioner.*

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 GENERAL ORDER No. 319

*In the matter of the complaint of the Premier Milling Company of Portage la Prairie, Manitoba, against the increase, on August 26, 1920, of the charge for milling grain in transit in Canada in connection with the International movement from one to one and one-half cents per one hundred pounds.*

File No. 8641.16.

Upon its appearing that the Canadian Pacific and the Grand Trunk Pacific Railway Companies on October 25, 1920, and the Canadian National Railways on November 1, 1920, voluntarily reduced the said charge for milling grain in transit in Canada to one cent per one hundred pounds; upon reading what is alleged in support of the complaint and on behalf of the Winnipeg Board of Trade and the Canadian Pacific Railway Company; and upon report and recommendation of the Chief Traffic Officer of the Board,—

*It is declared:* That the proper charge for milling in transit within Canada of grain, the product of which is reshipped to the United States, was one cent per one hundred pounds on and after the 26th day of August, 1920.

OTTAWA, November 30, 1920.

F. B. CARVELL,  
*Chief Commissioner.*

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11 GEORGE V, A. 1921

## GENERAL ORDER No. 320

*In the matter of the application of the National Dairy Council of Canada, herein-after called the "Applicants" for an Order requiring the carriage of pasteurized cream by express at the rates for ordinary cream.*

File No. 4397.53.

Upon hearing the application at the sittings of the Board held in Ottawa, November 3, 1920, the applicants, the Express Traffic Association of Canada, and the Dominion and Canadian Express Companies being represented at the hearing, and what was alleged,—

*The Board orders:* That pasteurized cream be carried by express companies subject to the jurisdiction of the Board at the same rates as ordinary cream; and that the Express Classification for Canada No. 4, and special tariffs published and filed to apply on "Cream," be amended accordingly.

F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, December 9, 1920.

## GENERAL ORDER No. 321

*In the matter of Sections 167 and 170 of the Railway Act, 1919, and the question of the form evidence of the Board's approval of route maps or location plans thereunder shall take.*

File No. 29383.1.

The matter having been considered at a meeting of the Board held in the Chief Commissioner's office, Tuesday, November 30, 1920, at which were present the Chief Commissioner, the Assistant Chief Commissioner, the Deputy Chief Commissioner, and Commissioners Boyce and Rutherford, it was decided that all route maps and location plans approved and sanctioned by the Board be signed by the Chief Commissioner.

*The Board accordingly so orders and declares.*

F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, December 2, 1920.

## GENERAL ORDER No. 322

*In the matter of the complaint of the Brotherhood of Locomotive Engineers and the Brotherhood of Locomotive Firemen and Enginemen with regard to Special Instruction "E" Canadian Pacific Railway Timetable, covering station limits.*

File No. 4135.26.

Upon hearing the complaint at the sittings of the Board held in Ottawa, November 4, 1919, the complainants, the Canadian Pacific Railway Company, and the Canadian National Railways being represented at the hearing, and what was alleged,—

*The Board Orders:* That all railway companies subject to the jurisdiction of the Board be required to withdraw Special Instruction "E" from their respective working timetables, and hereafter observe the Uniform Code of Rules for Canadian railways approved by the General Order of the Board No. 42, dated July 12, 1909; the necessary changes and instructions to employees to become effective on the 1st day of June, 1921.

F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, December 10, 1920.



SESSIONAL PAPER No. 20c

GENERAL ORDER No. 323

*In the matter of the application of railway companies subject to the jurisdiction of the Board for approval of reduced standard passenger fares, to become effective January 1, 1921.*

File No. 29996.25.

Whereas supplements to standard passenger tariffs have been filed by the under-mentioned railway companies, to become effective January 1, 1921, on the reduced basis prescribed by the judgment of the Board dated September 6, 1920, and General Order No. 308, dated September 9, 1920.—

*The Board Orders:* That the following supplements to standard passenger tariffs be, and they are hereby, approved; the said supplements to be published in at least two consecutive weekly issues of the *Canada Gazette*, prescribed by the following notice:—

“The undermentioned supplements to standard passenger tariffs, effective January 1, 1921, having been filed for the approval of the Board of Railway Commissioners for Canada, and having been found by the Board to be in accordance with its judgment, dated September 6, 1920, and its General Order No. 308, dated September 9, 1920, and having been approved by its General Order No. 323, dated December 14, 1920, the same are hereby published.”

|   | C.R.C. No.                                   |
|---|--|
| Boston & Maine Railroad.....  | Supplement No. 2 to 305                      |
| Canadian National Railways.....                                     | Supplement No. 2 to Canadian Northern E-1064 |
| Canadian National Railways.....                                     | Supplement No. 3 to Canadian Northern W-1492 |
| Canadian National Railways.....                                     | Supplement No. 2 to H. & S. W. P-77          |
| Canadian Pacific Railway.....                                       | Supplement No. 2 to E-3187                   |
| Central Vermont Railway.....  | Supplement No. 3 to 502                      |
| Dominion Atlantic Railway.....                                      | Supplement No. 2 to 404                      |
| Fredericton & Grand Lake Coal and Railway .....                     | Supplement No. 2 to 4                        |
| Glengarry & Stormont Railway.....                                   | Supplement No. 3 to 2                        |
| Grand Trunk Pacific Railway.....                                    | Supplement No. 3 to 660                      |
| Grand Trunk Railway.....  | Supplement No. 3 to E-2669                   |
| Great Northern Railway.....   | Supplement No. 3 to 1161                     |
| Maine Central Railroad.....   | Supplement No. 3 to 214                      |
| Michigan Central Railroad.....                                      | Supplement No. 3 to 2441                     |
| Napierville Junction Railway.....                                   | Supplement No. 3 to 92                       |
| New Brunswick Coal & Railway.....                                   | Supplement No. 2 to 4                        |
| New York Central Railroad.....                                      | Supplement No. 4 to 191                      |
| Northern Pacific Railway (Midland Railway Company of Manitoba)..... | Supplement No. 2 to 317                      |
| Pere Marquette Railway.....   | Supplement No. 2 to 580                      |
| Quebec Central Railway.....   | Supplement No. 2 to 174                      |
| Toronto, Hamilton & Buffalo.....                                    | Supplement No. 2 to 1209                     |
| Wabash Railway.....   | Supplement No. 2 to 996                      |

F. B. CARVELL.  
*Chief Commissioner.*

OTTAWA, December 14, 1920.

GENERAL ORDER No. 324

*In the matter of the application of railway companies subject to the jurisdiction of the Board for approval of reduced standard freight tariffs of maximum mileage tolls. to become effective January 1, 1921.*

File No. 29996.25.

Whereas standard freight tariffs have been filed by the undermentioned railway companies, to become effective January 1, 1921, on the reduced basis prescribed by the judgment of the Board dated September 6, 1920, and General Order No. 308, dated September 9, 1920,—

*The Board Orders:* That the following standard freight tariffs of maximum tolls be, and they are hereby, approved; the rate scales of the said tariffs to be published in at least two consecutive weekly issues of the *Canada Gazette* preceded by the following notice:—

“The undermentioned standard freight tariffs having been filed for the approval of the Board of Railway Commissioners for Canada, and having been found by the Board to be in accordance with its judgment, dated September 6, 1920, and its General Order No. 308, dated September 9, 1920, and having been approved by the General Order of the Board No. 324, dated December 14, 1920, the rate scales thereof are hereby published.”

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| British Columbia Electric Railway.....       | 164          |
| Canadian National Railways .....             | { E-177      |
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|  | { W-2545     |
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| Fredericton & Grand Lake Coal & Railway..... | 103          |
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F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, December 14, 1920.

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GENERAL ORDER No. 325

*In the matter of the question of the adoption of a standard size for cattle-pass construction.*

File No. 27497.2.

Upon reading what has been filed in this matter on behalf of the railway companies, the reports of the Chief and the Assistant Chief Engineers of the Board; and in pursuance of the powers conferred upon it by Sections 272 and 287 of the Railway Act, 1919, and of all other powers possessed by the Board in that behalf,—

*The Board Orders:* That all cattle passes hereafter constructed by railway companies within the legislative authority of the Parliament of Canada be at least five feet wide and six feet high, which dimensions are hereby required to be adopted as a standard for cattle-pass construction, unless otherwise ordered by the Board where, upon application, it is shown that special conditions call for a departure from such standard.

F. B. CARVELL,  
*Chief Commissioner.*

OTTAWA, December 20, 1920.

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CIRCULAR NO. 186

January 5, 1920.

RULES FOR WIRES ERECTED ALONG OR ACROSS RAILWAYS

Case 4704.

Referring to Circular No. 167, dated June 19, 1918, to the effect that under the provisions of the old Act and the amendment of 1911, section 7, c. 22, General Order No. 231, dated May 6, 1918, and the rules thereby adopted and confirmed, applied only to construction *across* a railway.

Section 372 of the Railway Act, 1919, is not so limited and applies to construction *along* as well as *across* a railway.

Where, therefore, the construction, whether along or across the railway, is by consent and in accordance with the Standard Conditions and Specifications set out in the schedule to General Order No. 231, and approved by that order, no further leave of the Board is necessary.

Yours truly,

A. D. CARTWRIGHT,  
*Secretary.*

11 GEORGE V, A. 1921

## CIRCULAR No. 187

February 10, 1920.

## SPECIAL ORDERS DISPENSING WITH STANDARD CLEARANCES

File 1750-18

It has been decided by the Board that in future wherever the standard clearances provided by General Orders of the Board are relaxed upon special conditions, the order granting the less-than-standard clearances will be subject to the condition that the applicant company undertake to keep its employees off the tops and sides of cars (as the particular case may call for) when operating on the sidings or tracks and so long as the said undertaking shall be performed.

By Order of the Board,

A. D. CARTWRIGHT,  
*Secretary, B.R.C.*

## CIRCULAR No. 188

March 9, 1920.

## PROCEDURE BY BOARD AS TO SERVICE

File 8654.

In correspondence with the Board, various railway companies contend that there would be a saving of time in handling complaints if, in cases where complaints are forwarded to the Board and the Board assumes the burden of making service thereof, the complaints were taken up with the legal department of the railway instead of being handled through the local agent in Ottawa.

The Board desires each railway company to intimate the practice which it prefers to have carried out in this respect.

After the written submissions have been considered, the modifications, if any, which may be introduced by the Board in respect of service of complaints will in no way supersede the provisions of section 55 of the Railway Act and in particular will not modify the obligation provided for in subsection 2 of section 55 as to the maintenance of an agency book in the office of the Secretary, said book to contain the information as provided for in the subsection.

By Order of the Board,

A. D. CARTWRIGHT,  
*Secretary.*

## CIRCULAR No. 189

March 29, 1920.

File 18540.25.

*Re* CHANGING THE NAMES OF STATIONS

Applications are from time to time made to the Board by the residents of different localities for orders requiring railway companies to change the names of stations along their respective lines of railway, to which replies have invariably been made that the Board has no power to make the orders applied for; that the railway companies themselves are the proper, in fact the only, parties to afford relief in such cases, unless, as has happened in some instances, a change in the name of a post office is desired, when, of course, the application would be to the Post Office authorities at Ottawa.

## SESSIONAL PAPER No. 20c

It is deemed advisable that the information be set out in the form of a circular for insertion in the printed Judgments, Orders, Regulations, and Rulings of the Board, to be available for reference and as a ruling of the Board for the benefit of the residents of any community desiring in the future a change in the name of a station or post office.

By Order of the Board,

A. D. CARTWRIGHT,  
*Secretary.*

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CIRCULAR No. 190

May 20, 1920.

## REPORTING OF ACCIDENTS

File No. 45.

In connection with General Order No. 244, dated July 26, 1918, as amended by General Order No. 251, the Board desires to point out that section 285 of the Railway Act of 1919 defines the words "conductor or other employee," referred to in clause 2 of the said general order, as follows:—

"The conductor or other employee in charge of the train, place or structure in connection with which such accident occurred".

The Board further desires to point out that strict compliance with the said general order will be expected, and to say that, in every case where the railway, or its conductor or other employee, either wilfully or negligently fails to carry out the said requirements, the imposition of penalties, as provided for in section 412 of the Railway Act, will be enforced.

For the better information of the railways, and the conductor or other employee, section 412 is subjoined:—

"412. (1) Every railway company which wilfully or negligently omits to give immediate notice as by this Act required, with full particulars, to the Board of the occurrence, upon the railway belonging to such company, of any accident attended with serious personal injury to any person using the railway, or to any employee of the company, or whereby any bridge, culvert, viaduct or tunnel on or of the railway has been broken, or so damaged as to be impassable or unfit for immediate use, shall forfeit to His Majesty the sum of two hundred dollars for every day during which the omission to give such notice continues.

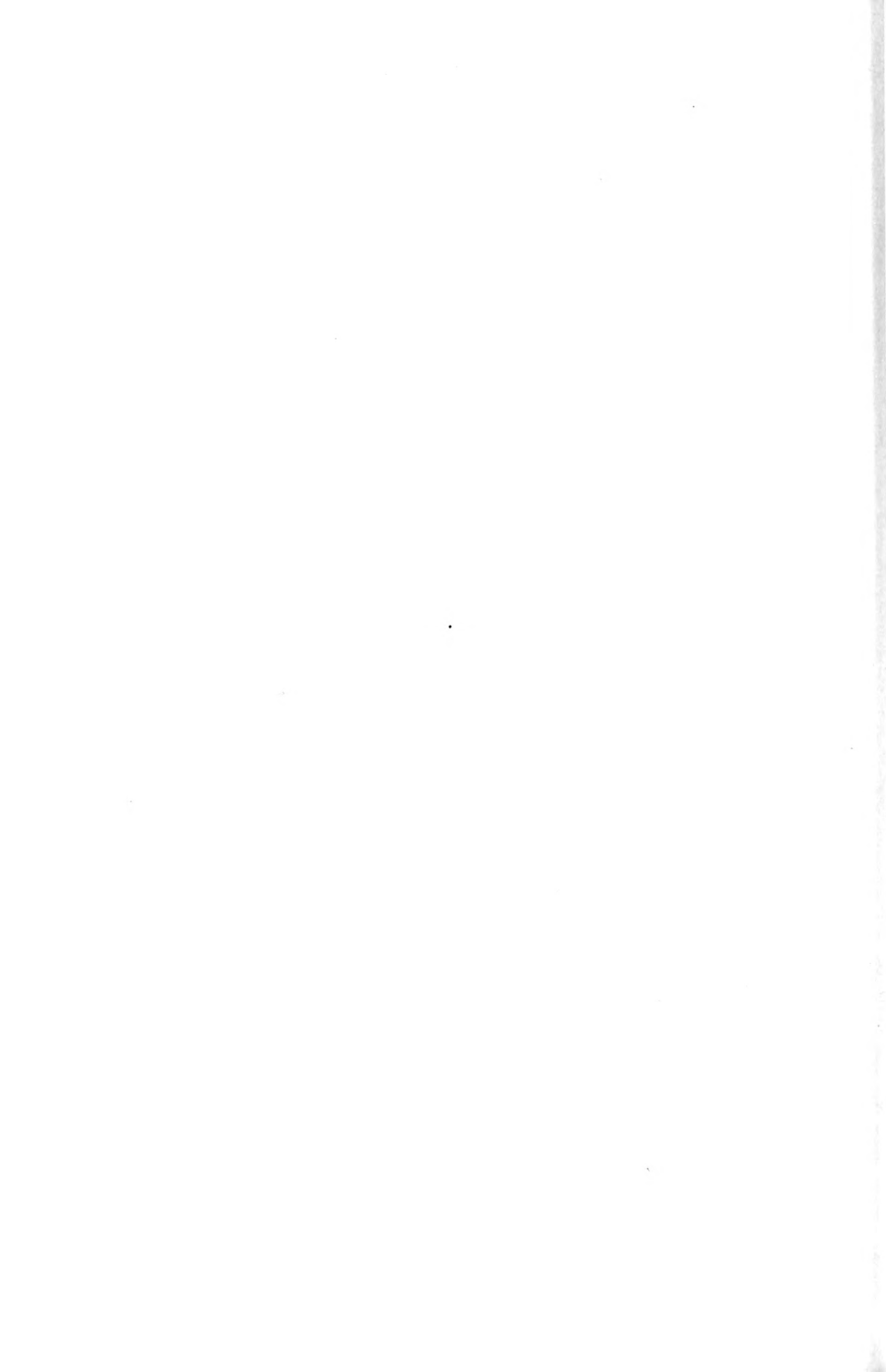
(2) Every conductor or other employee who makes a report to the company of the occurrence of any such accident and fails, wilfully or negligently, to notify the Board of the same by telegraph as soon as possible after such accident, is guilty of an offence and liable, on summary conviction, to a penalty not exceeding one hundred dollars".

Railway companies are required to see that a copy of this circular is placed in the hands of all concerned.

By Order of the Board,

A. D. CARTWRIGHT,  
*Secretary.*

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FIFTY-THIRD ANNUAL REPORT  
OF THE  
DEPARTMENT OF MARINE  
AND FISHERIES

FOR THE  
FISCAL YEAR 1919-20

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MARINE

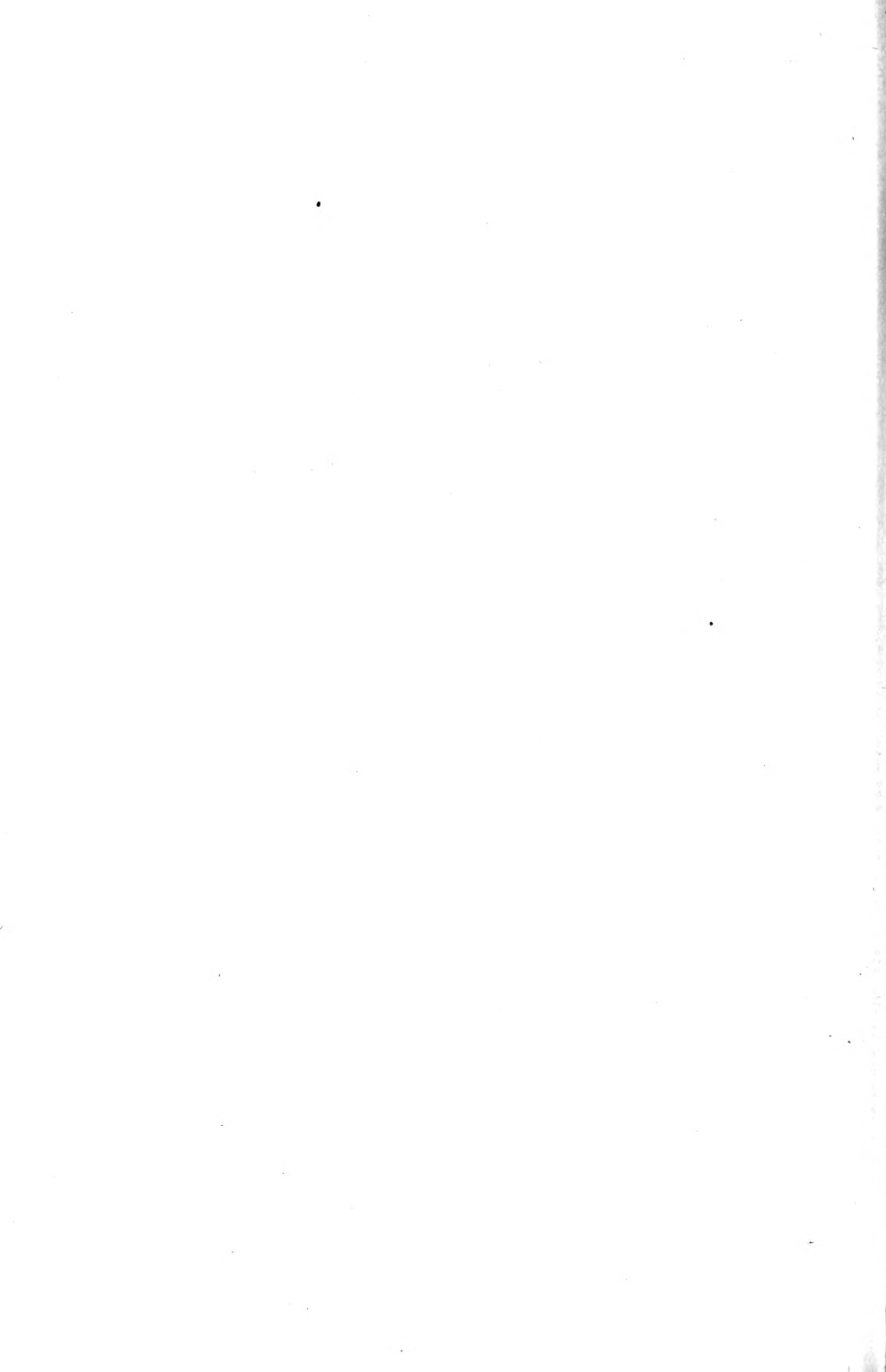
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OTTAWA  
THOMAS MULVEY  
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY

1920



*To His Excellency the Duke of Devonshire, K.G., P.C., G.C.M.G., G.C.V.O., etc.,  
etc., Governor General and Commander in Chief of the Dominion of Canada.*

MAY IT PLEASE YOUR EXCELLENCY:

I have the honour to submit herewith, for the information of Your Excellency and the Parliament of Canada, the Fifty-third Annual Report of the Department of Marine and Fisheries, Marine Branch.

I have the honour to be,

Your Excellency's most obedient servant,

C. C. BALLANTYNE,

*Minister of Marine and Fisheries.*

DEPARTMENT OF MARINE,  
OTTAWA, November, 1920.



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# REPORT

OF THE

## DEPUTY MINISTER OF MARINE AND FISHERIES.

To the Hon. C. C. BALLANTYNE,  
Minister of Marine and Fisheries.

SIR,—I have the honour to submit herewith my report for the fiscal year ended March 31, 1920.

It has been the aim of the department in its reports published during the war period to outline, first, the yearly losses due to enemy action and marine risk suffered by the chief maritime nations of the world, belligerent and neutral alike (Germany recognizing no neutrals in her submarine campaign), second, the extent to which these losses were repaired by the building of ships, and third the maritime standing of these nations during each war year, in comparison with one another, and also with their establishments prior to the war.

The outstanding feature of the shipping situation during the war, apart from the wholesale destruction of the world's merchant marine, has been the rapid rise of the United States among shipbuilding nations; whether she will continue to hold her present position, or not, remains to be seen.

The disabilities under which Britain laboured in the war up-keep of her merchant marine were given in detail in last year's report, these have now been largely removed, and she will be in a much stronger position to challenge competition; the output of the Dominions too, especially that of Canada will in the next decade be an appreciable asset in the sum total of the Empire's merchant marine.

### THE WORLD'S OVERSEAS STEAMSHIP TONNAGE POSITION.

|  | August, 1914.                |                              | November, 1918.              |                              |
|--|------------------------------|------------------------------|------------------------------|------------------------------|
|  | Total in Million Gross tons. | Per cent of World's Tonnage. | Total in Million Gross tons. | Per cent of World's Tonnage. |
| British Empire.....  | 18½                          | 46                           | 15½                          | 43                           |
| United States (including Lakes).....                       | 3½                           | 8                            | 7½                           | 21                           |
| France.....  | 2½                           | 5                            | 1½                           | 4                            |
| Japan.....   | 1                            | 3                            | 1½                           | 5                            |
| Italy.....   | 1½                           | 4                            | 1                            | 3                            |
| Russia.....  | ½                            | 1                            | ½                            | 1                            |
| Greece.....  | ½                            | 1                            | ½                            | 1                            |
| Neutral countries: Norway, Sweden, Denmark, Holland, Spain | 7½                           | 18                           | 5½                           | 15                           |
| Enemy countries: Germany, Austria-Hungary.....             | 5½                           | 14                           | 2½                           | 7                            |
| Total.....   | 40½                          | 100                          | 35½                          | 100                          |

STATEMENT SHOWING OVERSEAS STEAMSHIP TONNAGE POSITION OF THE MAIN MARITIME COUNTRIES OF THE WORLD  
(EXCLUDING ENEMY COUNTRIES).  
(Gross tons).

1. PRE-WAR AND NOVEMBER, 1918.

|                                 | United Kingdom and Colonies. | United States, including Lakes. | France.   | Japan.    | Italy.    | Russia. | Greece. | Norway.   | Holland. | Sweden. | Spain.  | Denmark. | Other Countries. | Total.     |
|---------------------------------|------------------------------|---------------------------------|-----------|-----------|-----------|---------|---------|-----------|----------|---------|---------|----------|------------------|------------|
| Tonnage position, August, 1914. | 18,356,000                   | 3,272,000                       | 2,300,000 | 1,012,000 | 1,528,000 | 578,000 | 561,000 | 2,595,000 | 958,000  | 809,000 | 806,000 | 761,000  | 1,188,000        | 34,885,000 |
| Net loss during war             | 3,084,000                    |                                 | 746,000   |           | 451,000   | 331,000 | 318,000 | 1,200,000 | 246,000  | 113,000 | 462,000 | 200,000  | 310,000          | 1,794,000  |
| Net gain during war             |                              | 4,196,000                       |           | 677,000   |           |         |         |           |          |         |         |          |                  |            |
| Tonnage position, Nov., 1918    | 15,272,000                   | 7,468,000                       | 1,554,000 | 1,689,000 | 1,074,000 | 241,000 | 246,000 | 1,395,000 | 730,000  | 756,000 | 614,000 | 561,000  | 1,498,000        | 33,011,000 |
| Percentage of variation         | - 16.8                       | + 128.2                         | - 32.4    | + 66.9    | - 29.7    | - 57.8  | - 61.7  | - 48.5    | - 25.2   | - 15.9  | - 20.4  | - 26.3   | + 24.6           | - 5.2      |

2. ANALYSIS OF GAINS.

|                                 |           |           |         |           |         |        |        |         |         |         |        |         |         |            |
|---------------------------------|-----------|-----------|---------|-----------|---------|--------|--------|---------|---------|---------|--------|---------|---------|------------|
| New construction, August, 1914. | 4,705,000 | 3,643,000 | 155,000 | 970,000   | 299,000 |        |        | 213,000 | 556,000 | 119,000 | 35,000 | 132,000 | 61,000  | 10,849,000 |
| Net loss during war             | 717,000   | 732,000   | 72,000  | 11,000    | 242,000 |        |        |         |         |         |        |         | 637,000 | 2,411,000  |
| Tonnage captured, etc.          |           |           |         |           |         |        |        |         |         |         |        |         |         |            |
| Gain by transfer and purchase   | 1,197,000 | 706,000   | 75,000  | 33,000    | 36,000  | 63,000 | 45,000 | 46,000  | 6,000   | 19,000  | 8,000  | 6,000   | 43,000  |            |
| Total gains                     | 6,679,000 | 5,081,000 | 302,000 | 1,014,000 | 481,000 | 63,000 | 45,000 | 259,000 | 562,000 | 139,000 | 43,000 | 138,000 | 711,000 | 13,260,000 |

3. ANALYSIS OF LOSSES.

|                         |           |         |           |         |         |         |         |           |         |         |         |         |         |            |
|-------------------------|-----------|---------|-----------|---------|---------|---------|---------|-----------|---------|---------|---------|---------|---------|------------|
| Enemy action            | 7,748,000 | 389,000 | 907,000   | 121,000 | 853,000 | 184,000 | 338,000 | 1,177,000 | 200,000 | 202,000 | 167,000 | 210,000 | 246,000 | 12,742,000 |
| Interred in enemy ports | 184,000   |         | 5,000     |         | 11,000  |         |         |           |         |         |         |         |         | 210,000    |
| Marine risk             | 1,100,000 | 302,000 | 83,000    | 78,000  | 81,000  | 40,000  | 41,000  | 132,000   | 60,000  | 54,000  | 37,000  | 37,000  | 57,000  | 2,102,000  |
| Transfers and sales     | 731,000   | 194,000 | 53,000    | 138,000 | 1,400   | 162,000 | 14,000  | 210,000   | 518,000 | 16,000  | 1,000   | 61,000  | 148,000 |            |
| Total losses            | 9,763,000 | 885,000 | 1,048,000 | 337,000 | 435,000 | 397,000 | 353,000 | 1,519,000 | 808,000 | 272,000 | 205,000 | 338,000 | 431,000 | 15,054,000 |

## SESSIONAL PAPER No. 21

Lord Pirrie, Controller-General of Merchant Shipbuilding in Britain, in the course of an article in "Modern Transport on "The Future of British Shipbuilding" from which these tables are taken, points out, that in the few years immediately preceding the war the British output of merchant shipping averaged 1,750,000 gross tons per annum, he puts the average yearly marine loss at 250,000 tons, making the progressive increase of the British Merchant Marine one and a half million tons per annum, of this a small proportion was disposed of yearly to foreign countries, therefore, although the net British loss amounts to only 3,000,000 tons, the gross loss for the nation's maritime requirements is about 8,000,000 tons.

This principle commonly termed the five per cent principle of course also applies to all the other nations suffering net losses; thus in the case of Norway as her pre-war tonnage was 2,600,000, in four years time this ought to have increased by 520,000 tons; as her net loss was 1,260,000 tons, her gross loss, or shortage to fulfil the proper requirements of her sea-carrying trade is 1,780,000 tons.

Norway's proportionate losses were appalling; through new construction and purchase during the war she obtained 260,000 tons, her losses by enemy action and marine risk were therefore 1,520,000 tons, out of a pre-war tonnage of 2,600,000, or very nearly sixty per cent.

In August, 1914, the world's total sea-going tonnage, exclusive of enemy countries, was 34,835,000, Great Britain contributing 18,356,000 tons, the United States including lake traffic 3,272,000, France 2,300,000, Italy 1,528,000, and Japan 1,012,000.

In November, 1918, the total gross tonnage was 33,041,000, a decrease of about five per cent, Britain's tonnage had decreased by 3,084,000, France's by 746,000, Italy's by 454,000, while United States' tonnage had increased by 4,196,000 and Japan's by 677,000. The strong position of the United States and of Japan is apparent.

Turning to new production for the years 1915 to 1918 inclusive, British output in 1915 in round numbers was 670,000 gross tons, United States 142,000; 1916, British 540,000, United States 240,000; 1917, British 1,200,000, United States 1,000,000; 1918, British 1,400,000, United States 2,260,000. It was not until 1917 that the United States commenced serious shipbuilding operations; in 1918 her output topped that of Britain by 860,000 tons.

Whereas before the war Germany was Great Britain's chief maritime competitor, now the United States is, a more satisfactory state of affairs, as whatever may be the rivalry it will probably be of a friendly nature and for the general benefit of mankind; it will be sometime before there is a likelihood of very keen competition in the world's sea-carrying trade, owing to the general shortage of tonnage; British shipping men accordingly view American shipbuilding activity with comparative calm.

When the era of competition does arrive, in order that Britain and America may best serve the general interests of world trade, it is essential that there should be complete understanding and co-operation between them, rather than any attempt to cut rates and obtain custom at the expense of each other.

The adoption of this attitude rests chiefly with the United States; Britain's heavy war losses of shipping and of trade alike, incurred in the allied cause, and America's immunity, and recent shipbuilding activity (entered into it is true largely on behalf of the Allies), place her in a position, should she so chose, to affect adversely the trade of the Empire to her own temporary advantage, though it is doubtful if undue competition would make for her permanent good.

America like Britain, though not in the same degree, has now need of an extensive merchant marine, and it is absurd to think that she would for a moment dream of scrapping her huge shipyards, built at great expense and under great

11 GEORGE V, A. 1921

difficulties: but the activities of both British and American yards will be needed for some years to come to restore the world's lost tonnage, and if they can eventually agree upon their building programmes so as not to increase unduly the total supply of tonnage, and upon their trade routes to insure a fair division of business and the profits accruing from it, it is likely to further the true interests of both, and certainly the interests of the world at large.

#### MERCANTILE SHIPBUILDING, 1919.

The returns here given are taken from the annual summary in Lloyd's Register, are in gross tons, and only include the outputs of the allied and neutral countries.

##### UNITED KINGDOM.

During 1919 there were launched from British yards 612 merchant ships of 1,620,442 tons (541 steamers of 1,584,920 tons, and 71 barges of 35,522 tons). These vessels included one wooden steamer and 53 vessels of reinforced concrete of which 41 were barges without propelling machinery, the remainder were steel vessels.

The output for 1919 exceeded that for 1918 by 272,322 tons, but was 311,711 tons less than the output for 1913, the first pre-war year.

Ninety-four per cent of the tonnage launched in 1919 was for home registration, the remaining six per cent for foreign owners; the latter comprising 29 steel steamers of 97,459 tons; France acquired 27,861 tons, Norway 20,054, and Greece 18,750.

The average tonnage of the ships launched excluding those of less than 500 tons was 4,006.

The outputs of the chief shipbuilding centres were: Glasgow 337,030 tons, Greenock 188,717, a total of 525,747 tons for the Clyde basin, an increase of 176,937 tons over the 1918 output; Sunderland 274,283 tons, Newcastle 239,836, total 514,119 for the Tyne district, a decrease of 26,758 tons from 1918; Belfast 213,720 tons, an increase over 1918 of 65,461 tons; Middlesborough 119,943 tons, West Hartlepool 82,233, a total of 202,176 tons for the Tees basin, a decrease of 18,180 tons as compared with the 1918 output.

At the opening of the year 1919, 1,979,952 tons of shipping were under construction in the United Kingdom, at the beginning of 1920 there were 2,994,249 tons, an increase of 1,014,000 tons of shipping in hand over the previous twelve months date.

##### UNITED STATES.

The American output for 1919 was 4,075,385 tons, an increase over that of 1918 of 1,042,000 tons; the steel tonnage exceeded that of 1918 by 1,431,000 tons, and the wood showed a decrease of 415,000 tons.

On the Atlantic coast 1,973,755 tons of steel ships were launched, an increase of 1,020,000 tons over the 1918 output. The tonnage launched on the Great Lakes totalled 495,559 tons, 64,000 tons more than in 1918; these were all sea-going steel ships.

The American steel tonnage included 137 steamers of between 5,000 and 6,000 tons, 251 between 6,000 and 10,000 tons, and five ships of over 10,000 tons each. Of the wooden ships 168 were over 2,000 tons, of these 103 were steamers, and the others sailing barges. Five steamers of reinforced concrete were built totalling 18,046 tons; two of these were of 5,000 tons burden.

The output of the United States for 1919 was 57 per cent of the world's output, and 74 per cent of the tonnage launched abroad.

At the beginning of 1920 the United States had 2,996,000 tons of shipping under construction.

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## JAPAN.

The output of Japan for 1919 was 611,883 tons, 121,959 tons in excess of the 1918 tonnage, and the highest on record for that country.

An idea of the strides made by Japan in the building of merchant ships may be gathered from the fact that her 1919 output nearly equals her output for the 22 years immediately preceding the war, 1892-1913.

Japan's 1919 tonnage included 48 ships of between 5,000 and 6,000 tons, and 22 of between 6,000 and 8,230 tons.

At the opening of 1920 Japan had 309,000 tons of shipping under construction.

## BRITISH DOMINIONS.

Canada launched during 1919, 271,264 tons of shipping, 13,000 tons more than in 1918. This included 28 steamers of 60,233 tons total, built on the Great Lakes. On the coast and on the St. Lawrence there were launched 12 steel steamers of between 5,000 and 6,000 tons each, and 80 wood steamers, 51 of which were between 1,000 and 1,200 tons, and 6 of between 2,000 and 2,700 tons.

The tonnage launched in all the other British Dominions reached 87,464 tons, a little less than one-third of the Canadian output. What is striking and almost astounding is that that remote corner of the Empire, the Hong-Kong district, was responsible for one-half of this tonnage, having built eight ships of between 5,000 and 5,806 tons burden.

The total tonnage launched in all the Dominions during the year amounted to 358,728 tons; this was 78,824 tons more than in 1918, and nearly equals the output for the 10 years 1908-17.

## SCANDINAVIAN COUNTRIES.

Denmark, Norway and Sweden launched 146,315 tons of shipping in 1919, the output being fairly evenly divided between these three countries, this was an increase of 32,859 tons over the 1918 production. One of these ships launched in Denmark was of 9,950 tons burden, and three others were over 4,000 tons each.

## HOLLAND.

The tonnage launched during 1919 reached 137,086 tons, 63,000 tons more than the 1918 total; this does not include vessels intended only for river navigation. Only three vessels of more than 5,000 tons were built, viz.,—two between 7,000 and 7,500 tons, and one of 9,700 tons built at Amsterdam.

Holland had in hand at the beginning of 1920, 328,000 tons of merchant shipping.

## ITALY.

This country built and put afloat ships totalling 82,713 tons in 1919, this includes for the first time the output of Trieste, 23,513 tons. Nine steamers were between 5,000 and 6,000 tons, and six between 6,000 and 8,500.

The Italian programme for 1920 amounts to 314,000 tons, nearly four times the 1919 production.

## SPAIN.

Spain's output for 1919 was 52,609 tons, about fifty per cent more than her 1918 total; the largest ship launched was of 5,700 tons burden.

## SUMMARY.

|   | Tons.     |
|---|-----------|
| United States .....                                   | 1,075,385 |
| United Kingdom .....                                  | 1,620,442 |
| Japan .....   | 611,883   |
| Canada, 271,264 tons; other Dominions, 87,464 .....   | 358,728   |
| Scandinavian countries (Denmark, Norway, Sweden)..... | 146,315   |
| Holland .....   | 137,086   |
| Italy.....  | 82,713    |
| Spain.....  | 52,609    |

The total output of allied and neutral shipping during 1919 amounted according to Lloyd's Register to 7,144,549 tons, an increase of 1,697,000 tons over the 1918 output, and of 3,811,000 tons over that of 1913, the pre-war record year.

Canada still retains her 1918 position, fourth on the list.

America shows an overwhelming superiority accounting as already stated for 57 per cent of the entire output of the allied and neutral nations; but if one turns to the shipping under construction at the beginning of 1920 it will be seen that America and Britain are almost exactly on a par, each having about 3,000,000 tons of merchant shipping in hand. America apparently is not prepared to maintain her terrific pace of building set in 1919, her programme for 1920 falling short by about 1,000,000 tons of her 1919 production; Great Britain, however, has increased her building programme for 1920 by about the same amount; it would seem that she may yet retain her ancient shipbuilding supremacy; time will show; but that America will always prove a most formidable competitor is beyond question.

Japan, too, evidently intends to ease her rate of building, having at the beginning of 1920, 309,000 tons of shipping under construction, as compared with an output of 611,883 tons for 1919.

Holland and Italy on the other hand are speeding up very markedly, the former having for 1920, 328,000 tons of shipping in hand, and the latter 314,000 tons, as compared with 1919 productions of 137,086 tons and 82,713 tons respectively.

There is another point to be considered in the comparison between American and British merchant tonnage output during 1919.

A shipbuilding number of the *Glasgow Herald* bearing date December 30, 1919, in giving the tonnage figures for the two countries (they are slightly higher in each case than those given by Lloyds) puts the indicated horse-power of the American tonnage at 2,591,210, of the British at 3,209,040; the American tonnage for 1919 though more than double the British in quantity is far from being double in effectiveness; the American ships are obviously much slower on an average than the British; and speed in the sea-carrying trades means much.

The *Glasgow Herald* thus sums up the situation: "The American tonnage for 1919 is more than double the British, but it is not necessarily twice as effective. In all probability it is very little more effective, because it includes many lake vessels and a large number of wooden ships of little sea-going value, while many of the fabricated steamers are less efficient on service than British-built vessels of similar sizes, and cost much more for maintenance.

The fact remains, however, that the capacity for doing an enormous amount of work has been proved, and only further training and the improvement and development of designs and methods of work are required to bring the general standard of quality up to the British level. After that there has to be considered (1) the demands of American shipping and (2) the question of comparative costs. If American shipping can be established on a world-wide basis it will support a very substantial home shipbuilding industry, while if the American costs can be made as low as those of the United Kingdom there will be competition for contracts on this side of the Atlantic.

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## ATLANTIC EMIGRANT TRAFFIC.

In the report of a British Board of Trade Committee on the position of shipping, and shipbuilding industries after the war, a part is devoted to the emigrant traffic from Europe before the war, and the methods by which German lines acquired a paramount share of it; it is very doubtful if these methods are generally known, and they are of great interest, as they show conclusively the German attitude in the conduct of their shipping trade.

In 1894 control stations were first established by Germany along the Russo-German frontier, after an outbreak of cholera in Russia, in order to prevent the spread of the disease by Russian emigrants, so far so good; Germany soon realized, however, that these control stations might be used to divert the stream of European emigration to her own lines, in the same year accordingly an order was passed placing the management of the control stations in the hands of the Hamburg-America, and North German Lloyd Companies, and not long afterwards the system was extended to cover the Southern as well as the Eastern frontier.

The German regulations provided (1), that the emigrants should be in good health, (2) that they should be furnished with a proper contract ticket for some steamship line, as well as with a railway ticket to the port of embarkation, and (3) that they should possess 400 marks; if the emigrant were travelling by a German line this last requirement was not enforced, if by a British one, failing to meet it, he was not allowed to pass beyond the control stations; this was not all, should the emigrant possessing a ticket for a British line, be in a position to comply with all the three requirements, he was subjected to all manner of delays and inconveniences, and an attempt was made to either bully or cajole him into shipping by a German line, if he still remained obdurate he was sent back to his place of departure.

Representations were made to the British Government by the Cunard, White Star, and other British lines pointing out the abuse of their control system by the Germans, and they were called upon for an explanation, but merely made evasive replies, and the system continued in full force with the results shown in the table below:—

STATEMENT showing the number of Third-class Continental Passengers carried by the United Kingdom and Continental Services of various Steamship Lines during 1913.

|   | Number. | Per cent. |
|---|---------|-----------|
| (a) From United Kingdom ports by transhipment or by subsequent call at a French port— |         |           |
| British lines.....  | 78,000  | 9         |
| American lines.....   | 23,000  | 3         |
| Total.....  | 101,000 | 12        |
| (b) From continental ports by direct services—  |         |           |
| British lines.....  | 91,000  | 11        |
| Enemy lines.....  | 417,000 | 50        |
| Other lines.....  | 220,000 | 27        |
| Total.....  | 728,000 | 88        |
| Total (all lines).....  | 829,000 | 100       |

It will be seen that 12 per cent of the Atlantic emigrant traffic was from United Kingdom ports, the remaining 88 per cent from continental ports; of the latter only 11 per cent was carried by British lines and 50 per cent by German; two lines alone the Hamburg-America and the North German Lloyd accounted for 40 per cent of it.

The principal German steamship lines operating just before the war, and all members of one group were:—

| Line.                          | Gross tons,<br>June 30,<br>1914. | Route.  |
|--------------------------------|----------------------------------|---|
| 1. Hamburg-America.....        | 1,093,000                        | All parts of the world except Australia and the East Indies.                  |
| 2. North German Lloyd.....     | 716,000                          | All parts of the world except East and West Africa and West coast of America. |
| 3. Hamburg-South America.....  | 268,000                          | South and Central America, and New York to South America.                     |
| 4. Hansa.....                  | 339,000                          | India, Red Sea ports, and South America.                                      |
| 5. German Australia.....       | 264,000                          | Australia and East Indies.  |
| 6. Kosmos.....                 | 179,000                          | West coast of America.  |
| 7. Roland.....                 | 75,000                           | West coast of America.  |
| 8. German East Africa.....     | 105,000                          | East Africa.  |
| 9. Woermann.....               | 112,000                          | West Africa.  |
| 10. Hamburg-Bremen-Africa..... | 43,000                           | West Africa.  |
| Total.....                     | 3,194,000                        |   |

These lines held 60 per cent of Germany's shipping, the most important line outside this group was the German Levant Line (155,000 gross tons).

The report thus sums up the effects of the German system of Control Stations:—

- (1) The most important part of the eastern emigration movement to America passed across Germany and Austria-Hungary.
- (2) This movement was tapped by the German lines at control stations erected at the chief frontier posts.
- (3) Most of the emigrants were forced to travel by the German lines on pain of being refused transit.
- (4) This control over the emigrant traffic was used by the German lines as a weapon for dividing their competitors and forcing unfavourable agreements on them.
- (5) The action of the German lines had the support of the German Government.

The salient features of the German mercantile marine before the war were:—

- (1) The German mercantile marine was essentially a "liner" fleet in which the passenger element was all important.
- (2) The bulk of German shipping was owned by a few powerful companies, more or less closely associated and working in close agreement.
- (3) The main strength of German shipping despite its world-wide activities was concentrated in the Atlantic trades; and the principal services of the two most powerful German companies—the Hamburg-America line and the North German Lloyd—were to the United States.

The Atlantic emigrant traffic before the war was the most profitable of all the sea trades, and the earnings of the German lines employed in it enabled them to adopt a policy of systematic rate cutting in the cargo services on other routes, aided it is true by a system of Government subsidies; the subsidies paid annually by the German Government to German steamship lines before the war were:—

To the North German Lloyd, £33,450 for services to China, the East Indies and Australia.

To the Hamburg-America Line, £10,000 for a service to Heligoland, Borkum, etc.

To the German East Africa Line, £67,500 for the service to East Africa.

The findings of this report show clearly the ruthless but effective methods by which Germany became the second of the maritime powers, under a very great handicap, as she was the last in the field; her system of control stations which served her in such good stead is now a thing of the past, as it is to be hoped is also Germany as a first-rate maritime power; but the Atlantic emigrant traffic



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although quiet enough now, may in time be resumed, and like a stream dammed and then released, flow in a still stronger current to our shores; Germany's 50 per cent of it will have gone a begging, and should this trade revive, it will be very much in the interests of the Empire's merchant marine to secure as large a share of it as possible.

MERCHANT MARINE UP-KEEP COST.

The profits of a merchant marine are of course partly dependent upon the cost of its maintenance.

The following is an approximate comparison of the cost of wages and board per month between a British, an American, a Canadian, and a Japanese steam merchant ship of similar tonnage and dimensions; cost of the British ship for wages and board per month \$3,645.09, of the American \$6,711.10, of the Canadian \$2,303.50, and of the Japanese \$1,124.50.

The pay of the master of the Canadian ship was \$250 per month, that of the master of the Japanese ship \$100 per month; able seamen on the Canadian ship received \$16.20 per month, on the Japanese ship \$9 per month.

Taking the American cost of operating which is by far the highest as representing 100 per cent, the British is 54 per cent, the Canadian 34 per cent, and the Japanese 17 per cent; it is apparent that the American merchant marine is operated under a great disadvantage as compared with the Japanese, and to a lesser extent with the British and the Canadian; the Canadian operating costs are 20 per cent less than the British, 66 per cent less than the American, but nearly double those of the Japanese.

It is altogether likely when the period of competition sets in that America will lower her cost of operation, otherwise she will be heavily handicapped.

AMERICA'S MERCHANT MARINE.

On July 1, 1919 (the end of the American fiscal year), there was, excluding vessels of under 500 tons, a fleet of 2,506 sea-going ships, aggregating 8,106,956 gross tons, under the American flag, made up as follows:—

|  |                       |
|--|-----------------------|
| 359 freight and passenger steamers, totalling.....     | 1,344,505 gross tons. |
| 29 freight, passenger and refrigerator, totalling..... | 150,198 "             |
| 1,488 freight, totalling.....                          | 4,960,800 "           |
| 27 freight and refrigerator, totalling.....            | 152,513 "             |
| 188 steam tankers, totalling.....                      | 1,013,051 "           |
| 415 sailing ships, totalling.....                      | 485,889 "             |
| 2,506  | 8,106,956 "           |

This tonnage included 118 ships of 315,086 gross tons under the American flag but foreign controlled, leaving 2,388 ships of 7,791,870 gross tons under both American control and flag. There were also under American control 384 foreign vessels of 1,262,669 gross tons.

GROWTH OF AMERICAN SHIPPING.

The ensuing table prepared by the United States Commissioner of Navigation shows the growth of America's Merchant Marine from the years 1914 to 1919, inclusive:—

| July 1.   | Foreign Trade. | Coasting Trade. |                | Total.      |
|-----------|----------------|-----------------|----------------|-------------|
|           |                | Great Lakes.    | Sea and River. |             |
|           | Gross tons.    | Gross tons.     | Gross tons.    | Gross tons. |
| 1914..... | 1,076,132      | 2,882,992       | 3,969,614      | 7,928,688   |
| 1915..... | 1,871,543      | 2,818,000       | 3,699,886      | 8,839,429   |
| 1916..... | 2,191,715      | 2,760,815       | 3,517,119      | 8,469,649   |
| 1917..... | 2,446,399      | 2,769,824       | 3,654,814      | 8,871,037   |
| 1918..... | 3,603,706      | 2,708,523       | 3,612,289      | 9,924,518   |
| 1919..... | 6,669,726      | 2,635,680       | 3,601,894      | 12,907,300  |

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A glance at this table will show that American coastwise shipping, both Great Lakes, and Sea and River, between the years 1914 and 1919 has remained nearly stationary: comparing 1919 with 1914 there has been a decrease of 247,312 tons in the Great Lakes shipping, and of 367,720 tons in the sea and river shipping; but the overseas shipping in 1919 was slightly more than six times that in 1914.

Lloyds states that in 1914, 41.6 per cent of the world's sea-going tonnage was owned in the United Kingdom, 4.46 per cent in the United States; in 1919 the United Kingdom owned 34.1 per cent, the United States 20.4 per cent.

On October 1, 1919, the total sea-going American merchant tonnage of 500 tons and over, comprised, according to the American Bureau of Navigation, 2,991 vessels of 9,352,945 gross tons as follows:—

|  | Vessels. | Gross tons. |
|--|----------|-------------|
| Vessels 1,000 gross tons and over—   |          |             |
| Steam and gas .....  | 1,988    | 7,928,260   |
| Sailing .....  | 346      | 538,835     |
| Vessels 500 gross tons and over—   |          |             |
| Steam and gas .....  | 155      | 113,376     |
| Sailing .....  | 442      | 340,950     |
| Total .....  | 2,931    | 8,941,421   |
| Additional vessels of 500 gross tons and over adapted for merchant service transferred to the Navy or the War Department since April 6, 1917 ..... | 60       | 411,524     |
| Grand total .....  | 2,991    | 9,352,945   |

America's sea-carrying trade has naturally kept pace with the growth of her merchant marine.

In 1914, of the United States imports and exports, 9.7 per cent were carried in American bottoms; in 1919, 27.8 per cent.

There can be no doubt that America's export trade was for many years hampered by her lack of an adequate merchant marine; the returns for the years 1914 to 1919 show this clearly.

| Fiscal Years ending June 30. | United States Exports. |                |                |                   |               | Total.          |
|------------------------------|------------------------|----------------|----------------|-------------------|---------------|-----------------|
|                              | Europe.                | North America. | South America. | Asia and Oceania. | Africa.       |                 |
| 1914 .....                   | \$1,486,498,729        | \$ 528,644,962 | \$ 124,529,909 | \$ 196,994,033    | \$ 27,901,515 | \$2,364,579,148 |
| 1915 .....                   | 1,971,434,687          | 477,075,727    | 99,323,957     | 192,235,218       | 28,519,751    | 2,768,589,340   |
| 1916 .....                   | 2,999,305,097          | 733,024,674    | 180,175,374    | 377,386,709       | 43,591,031    | 4,333,482,885   |
| 1917 .....                   | 4,324,512,661          | 1,163,758,100  | 259,480,371    | 489,564,198       | 52,733,064    | 6,290,048,394   |
| 1918 .....                   | 3,732,174,352          | 1,236,359,013  | 314,558,794    | 582,320,455       | 54,298,757    | 5,919,711,371   |
| 1919 .....                   | 4,634,816,841          | 1,291,932,342  | 400,901,601    | 812,276,041       | 85,157,432    | 7,225,084,257   |

The exports for 1919 were treble those for 1914, and nearly two-thirds of them went to Europe.

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## AUSTRALIAN MERCHANT MARINE.

The department is indebted to Mr. A. M. Bomphrey, Director of Australian Shipbuilding, and to Mr. G. H. Knibbs, Commonwealth Statistician, for the statements of Australia's merchant marine and shipbuilding programme here given:—

## VESSELS ON THE AUSTRALIAN REGISTER, JANUARY, 1919.

|   | Number. | Net Tons. |
|---|---------|-----------|
| Steam Vessels—  |         |           |
| Dredges and Tugs .....                                | 130     | 9,157     |
| Other Steam Vessels .....                             | 978     | 314,048   |
| Total Steam Vessels .....                             | 1,108   | 323,205   |
| Sailing Vessels—                                      |         |           |
| Fitted with auxiliary power .....                     | 1,066   | 42,121    |
| other .....   | 214     | 4,828     |
| Total Sailing Vessels .....                           | 1,280   | 46,949    |
| Barges, Hulks, Dredges, etc. not self-propelled ..... | 251     | 62,264    |
| Total Vessels on the Register .....                   | 2,639   |           |
| Total Net Tonnage .....                               |         | 432,418   |

## AUSTRALIAN SHIPBUILDING PROGRAMME.

The Australian programme provides for the construction of 24 steel cargo steamers as follows:—

## STEEL VESSELS.

| Locality.             | No. | Builders.                             | Type.                 |
|-----------------------|-----|---------------------------------------|-----------------------|
| Williamstown .....    | 6   | Commonwealth Ship Construction Branch | Steel Cargo Steamers. |
| Walsh Island .....    | 6   | New South Wales Govt.                 | " "                   |
| Cockatoo Island ..... | 2   | Commonwealth Navy Dept.               | " "                   |
| Maryborough (Q) ..... | 4   | Walkers Limited.                      | " "                   |
| Adelaide .....        | 4   | Poole and Steel                       | " "                   |
| Tasmania .....        | 2   | Mersey Shipbuilding Company, Ltd.     | " "                   |

The building programme for these 24 steel cargo steamers is divided into three parts: The first part comprises 6 ships of 5,500 tons deadweight each, and a sea speed of  $10\frac{1}{2}$  knots. These have all been built and launched, two at Williamstown, two at Walsh Island, and two at Cockatoo Island.

The second part includes 14 ships being built in the following yards: 2 at Commonwealth Dockyard, Williamstown; 3 at Government Dockyard, Walsh Island; 1 at Commonwealth Dockyard, Cockatoo Island; 4 at Walkers Limited, Maryborough, Queensland, and 4 at Poole and Steel's Adelaide, South Australia.

These vessels will be of 6,000 tons deadweight capacity with a sea speed of 11 knots. Six of these ships will be completed in eighteen months, six in two years, and the remaining two in two and a half years. All are being built on the Isherwood system of longitudinal framing.

The third consists of four large freighters, 520 feet in length, three-decked, of 12,800 tons burden, with a trial speed of 15 knots, and a sea speed fully loaded of 13 knots. These ships are being built at the Cockatoo Island and Walsh Island yards, and will be in commission in two and a half years time.

In addition to this Australian programme a contract has been entered into with the English Vickers for the delivery of three 12,000 ton steel freighters, length 520 feet, sea speed 13 knots, for delivery in January, June, and October, 1921, respectively; and with Beardmores for two exactly similar freighters, of the same speed, for delivery sometime during 1921.

Fourteen small wooden steamers as well have been built for the Australian Government in American yards.

In the space of two and a half years Australia will have in commission six ships of 5,500 tons each (these are already afloat); fourteen of 6,000 tons; five of 12,000 tons; and four of 12,800 tons; or a total additional sea-going tonnage of 228,200. Her sea-going tonnage will in this time have nearly doubled. But this is not all. Of this new tonnage not a ship will be under 5,500 tons burden, and a sea speed of 10½ knots; and 111,200 tons of it, or very nearly one-half, will be made up of ships of 12,000 tons burden with a sea speed of 13 knots.

It is quite within the bounds of probability that the new tonnage will be twice as effective as the old, owing to the superior size and speed of the ships.

No comment need be made on the importance attached by Australia to the possession of an efficient and up to date merchant fleet.

#### CANADIAN GOVERNMENT MERCHANT MARINE.

In the British Board of Trade Report already mentioned is the following pertinent comment: "Our findings and recommendations are accordingly based on two hypotheses, neither of which is likely to be contradicted, the first, that the maritime ascendancy of the Empire must be maintained at all costs, and the second, that the grave wastage sustained by the merchant marine during the war must, therefore, be repaired without delay"; as was shown in last year's report Britain's adverse balance of trade in pre-war times was offset practically entirely by the earnings of her merchant marine, coupling this fact with the axioms laid down by the British Board of Trade Committee, it is manifest what a benefit to the Empire as a whole the shipbuilding activities of the dominions are likely to be, and in particular the very handsome beginning made by Canada.

The tonnage built by the dominions frees an equal amount of British tonnage to resume the sea carrying trade on routes which had to be more or less abandoned during the stress of war.

In another part of this report under the heading "Canadian Government Shipbuilding Programme, 1919-20," will be found a detailed statement of the Canadian Government fleet of merchant ships built and building, comprising 63 vessels in all; the total cost of these vessels is \$73,029,435, the total deadweight tonnage 380,435, and the average cost per deadweight ton, \$191.96.

Recently the British Government sold to France 40 steel freighters, some of them built in Canada for the Imperial Munitions Board, at an average rate of \$185 per ton; in Japanese yards the present cost of steel vessels is \$187 per ton; in British yards the smaller freighters ranging from 3,000 to 4,000 tons are selling at \$190 per ton; the cost of the Canadian ships, taking everything into account, compares, therefore, not unfavourably with that of ships from British and Japanese yards, and favourably with the cost of the output of American yards, which runs from \$200 to \$220 per ton for steel freighters.

This fleet of 63 ships is made up as follows: Two ships of 10,500 tons building at the Halifax Shipyards; 25 of 8,390 tons, 10 of these are building at Canadian Vickers, Montreal. 6 by Coughlan and Sons, Vancouver, 2 at Halifax Shipyards, 2 at Prince Rupert, 2 at Victoria. 2 by Wallace Shipyards, Vancouver, and 1 by Davie S. R. Company, Lewis, P.Q.; 8 of 5,100 tons, 4 building by Tidewater Shipbuilding Co.; 2 by Wallace Shipyards, and 2 by Davie S. R.

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Company; 6 of 4,575 tons, 2 at Vickers, Ltd., 2 at Port Arthur, and 2 by British American Shipbuilding Company; 1 of 4,540 tons by Wallace Shipyards; 1 of 4,485 tons by the same firm; 9 of 3,990 tons, 7 by Collingwood Shipbuilding Co., 1 at Midland, and 1 at Port Arthur; 2 of 3,890 tons at Collingwood; 2 of 3,500 tons by the Dominion Shipbuilding Co., Toronto; 4 of 3,400 tons at Port Arthur, and 3 of 2,800 tons by the Nova Scotia S. & C. Company.

With the acquisition by the Canadian Government of the Grand Trunk, Grand Trunk Pacific, and the Canadian Northern Railways, the Canadian merchant fleet will serve as a feeder to these lines, and complete a great national transportation system by land and sea.

At the beginning of December, 1919, there were 12 Canadian freighters plying to Buenos Ayres, Montevideo, Barbados, Trinidad, Havana, Kingston (Jamaica), and Liverpool, Eng.; a rapid increase of trade having developed recently between Canada, and South America and the West Indies; the names and the deadweight tonnage of these vessels are: *Canadian Voyageur*, 4,575; *Canadian Pioneer*, 8,390; *Canadian Warrior*, 3,990; *Canadian Volunteer*, 4,485; *Canadian Trooper*, 4,540; *Canadian Recruit*, 3,990; *Canadian Signaller*, 3,990; *Canadian Trader*, 3,400; *Canadian Sailor*, 3,400; *Canadian Ranger*, 8,390; *Canadian Seigneur*, 8,390; *Canadian Miller*, 8,390.

At the end of the fiscal year 1919-20, Canada will have in commission a fleet of about 25 merchant ships plying not only to Britain, South America, and the West Indies, but also to Japan, Australia, South Africa, and India; India already contemplates a preference to Britain and the dominions on hides and skins, and Australia has a large surplus of wheat, wool, and meat and food-stuffs awaiting transhipment.

Although in February, 1919, there was a very considerable drop in ocean freight rates, they are still high as compared with pre-war standards, and for some years to come, until really keen competition occurs in the world's sea carrying trade, are likely to remain so; the earnings of the Canadian merchant marine by that time, ought to insure it a sufficient reserve to cover depreciation, and to meet competition in the world's markets.

## FOREIGN SHIPBUILDING BY CANADIAN YARDS.

The details of the building of steel and wooden ships for the British merchant marine by Canadian yards under the control of the Imperial Munitions Board, with a representative of the Ministry of Shipping, as expert advisor, are now available; in all 88 ships with a total deadweight tonnage of 349,163 were built. This total included 46 wooden vessels, tonnage 142,600, and 42 steel vessels, tonnage 206,563.

In order to cope successfully with this large building programme, all existing steel Canadian shipbuilding plants with one or two exceptions, were enlarged and improved, and new plants were organized at Bridgeburg, Ont., at Welland, Ont., under the title British American Shipbuilding Co., and at Midland, Ont. The intention at first was to build only steel vessels, but as tonnage requirements became more pressing, owing to heavy submarine losses, it was decided to build wooden ships as well.

The wooden shipbuilding in the east was undertaken by general contractors, who had first of all to establish their yards; and was carried out as follows, the vessels being standardized and built to a common plan: Grand and Horne, St. John, N.B., 2 vessels; Quinlan and Robertson, Quebec, 4; Quebec Shipbuilding and Repair Co., Ltd., 2; Three Rivers Shipyards, 2; Fraser, Brace & Co., Ltd., Montreal, 4; Toronto Shipbuilding Co., Ltd., 2; Great Lakes Dredging

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Co., Ltd., Fort William, 2; Southern Salvage Co., Liverpool, N.S., 1; total, 19 vessels, 58,900 tons.

Wooden shipbuilding operations on the Pacific coast comprised 5 ships of 3,100 tons built by the Foundation Co., Victoria, B.C.; 4 of 3,100 by the Cameron Genoa Co., Victoria, 4 of 3,100 by New Westminster Construction Co.; 6 of 3,100 by the Western Canada Construction Co.; 2 of 3,100 by the Pacific Construction Co., Coquitlan; 6 of 3,100 by William Lyall Shipbuilding Co., North Vancouver; total, 27 vessels, 83,700 tons.

In the steel plants Canadian Vickers, Montreal, built 4 ships of 7,000 tons each; J. Coughlan & Sons, Vancouver, 9 of 8,800; Wallace Shipyards, North Vancouver, 1 of 4,500 and 2 of 4,600; Port Arthur Shipbuilding Co., 1 of 4,300 and 6 of 3,400; Collingwood Shipbuilding Co., 2 of 2,900; Midland Shipbuilding Co., 3 of 3,400; British American Shipbuilding Co., Welland, 3 of 3,500; Canadian General Electric Co., Bridgeburg, 2 of 3,500; Pelsons Iron Works, Ltd., 6 of 3,500; Nova Scotia Steel and Coal Co., New Glasgow, 1 of 1,800 and 1 of 2,400; Car Ferry, Leonard, purchased 1 of 2,263 tons; total, 42 ships, 206,563 tons.

The British Government expended \$70,000,000 for the 349,163 tons of merchant shipping built in Canadian yards under the auspices of the Imperial Munitions Board, at an average cost of \$200.48 per deadweight ton. As will be seen in another part of this report, under the heading "Canadian Government Shipbuilding Programme 1919-20," the cost per deadweight ton of the 380,435 tons built and building for the Canadian Government merchant marine is \$191.96.

During the calendar year 1919, 80 vessels, with a total net tonnage of 99,340, were built in Canadian yards for foreign Governments; 2 of these were wooden sailing vessels, 60 steam wooden vessels, and 18 steel steamships; more than half the wooden vessels were built in Pacific Coast yards for the French Government.

The official returns follow:—

NUMBER AND TONNAGE OF NON-REGISTERED VESSELS REPORTED TO OTHER COUNTRIES, 1919.

|                        | Wood. |          |        |              | Steel and Steam. |              |
|------------------------|-------|----------|--------|--------------|------------------|--------------|
|                        | Sail. |          | Steam. |              | No.              | Net Tonnage. |
|                        | No.   | Tonnage. | No.    | Net Tonnage. |                  |              |
| British Columbia ..... |       |          | 43     | 50,660       | 5                | 12,723       |
| Ontario .....          |       |          |        |              | 8                | 6,083        |
| Quebec .....           |       |          | 10     | 8,102        | 7                | 11,265       |
| New Brunswick .....    |       |          | 5      | 6,999        |                  |              |
| Nova Scotia .....      | 2     | 747      | 2      | 2,761        |                  |              |
|                        | 2     | 747      | 60     | 68,522       | 18               | 30,071       |

Total number of vessels..... 80  
 Total tonnage..... 99,340

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CANADIAN GOVERNMENT SHIPBUILDING PROGRAMME 1919-20.

CONTRACTS AUTHORIZED BY ORDER IN COUNCIL.

| Yard No. | Name.                | Builders.              | Date of Contract. | D.W. Ton. | Cost per Ton. | Total Cost. | Remarks.                    |
|----------|----------------------|------------------------|-------------------|-----------|---------------|-------------|-----------------------------|
| 66       | Canadian Voyageur    | Vickers                | Mar. 4, 1918      | 4,575     | 297 00        | 347,025     | Complete and in commission. |
| 67       | Canadian Pioneer     | "                      | May 22, 1918      | 8,390     | 350 00        | 1,510,200   | "                           |
| 61       | Canadian Warrior     | Collingwood            | May 18, 1918      | 3,990     | 205 00        | 817,950     | "                           |
| 100      | Canadian Volunteer   | Wallace                | Mar. 15, 1918     | 4,485     | 207 00        | 928,395     | "                           |
| 106      | Canadian Trooper     | "                      | Nov. 25, 1918     | 4,540     | 217 00        | 985,180     | "                           |
| 101      | Canadian Aviator     | "                      | Nov. 25, 1918     | 5,100     | 210 00        | 1,071,000   | "                           |
| 102      | Canadian Raider      | "                      | Nov. 25, 1918     | 5,100     | 210 00        | 1,071,000   | "                           |
| 62       | Canadian Recruit     | Collingwood            | July 5, 1918      | 3,990     | 205 00        | 817,950     | "                           |
| 63       | Canadian Signaller   | "                      | Oct. 17, 1918     | 3,990     | 205 00        | 817,950     | "                           |
| 64       | Canadian Gunner      | "                      | Oct. 17, 1918     | 3,990     | 205 00        | 817,950     | "                           |
| 5        | Canadian Settler     | Tidewater              | Aug. 9, 1918      | 5,100     | 200 00        | 1,020,000   | "                           |
| 6        | Canadian Rancher     | "                      | Aug. 9, 1918      | 5,100     | 200 00        | 1,020,000   | Completed.                  |
| 7        | Canadian Fisher      | "                      | Jan. 24, 1919     | 5,100     | 200 00        | 1,020,000   | "                           |
| 8        | Canadian Forester    | "                      | Jan. 21, 1919     | 5,100     | 200 00        | 1,020,000   | "                           |
| 459      | Canadian Trapper     | Davie                  | Sept. 4, 1918     | 5,100     | 200 00        | 1,020,000   | Completed.                  |
| 460      | Canadian Hunter      | "                      | Sept. 4, 1918     | 5,100     | 200 00        | 1,020,000   | "                           |
| 39       | Canadian Trader      | Port Arthur            | Sept. 4, 1918     | 3,400     | 205 00        | 697,000     | Complete and in commission. |
| 40       | Canadian Sailor      | "                      | Sept. 4, 1918     | 3,400     | 205 00        | 697,000     | "                           |
| 41       | Canadian Adventurer  | "                      | Mar. 1, 1919      | 3,400     | 210 00        | 714,000     | "                           |
| 42       | Canadian Sower       | "                      | Mar. 1, 1919      | 3,400     | 210 00        | 714,000     | "                           |
| 1        | Canadian Mariner     | Halifax                | Sept. 13, 1919    | 8,390     | 195 00        | 1,636,050   | "                           |
| 2        | Canadian Explorer    | "                      | Sept. 13, 1919    | 8,390     | 195 00        | 1,636,050   | "                           |
| 73       | Canadian Navigator   | Vickers                | Oct. 11, 1918     | 4,575     | 215 00        | 983,625     | Complete and in commission. |
| 68       | Canadian Ranger      | "                      | Oct. 11, 1918     | 8,390     | 188 00        | 1,577,320   | "                           |
| 69       | Canadian Seigneur    | "                      | Oct. 11, 1918     | 8,390     | 188 00        | 1,577,320   | "                           |
| 70       | Canadian Miller      | "                      | Oct. 11, 1918     | 8,390     | 188 00        | 1,577,320   | "                           |
| 71       | Canadian Spinner     | "                      | Oct. 11, 1918     | 8,390     | 188 00        | 1,577,320   | "                           |
| 72       | Canadian Planter     | "                      | Oct. 11, 1918     | 8,390     | 188 00        | 1,577,320   | Completed.                  |
| 1        | Canadian Winner      | Victoria               | Jan. 24, 1919     | 8,390     | 198 00        | 1,661,220   | "                           |
| 2        | Canadian Traveller   | "                      | Jan. 24, 1919     | 8,390     | 198 00        | 1,661,220   | "                           |
| 15       | Canadian Beaver      | Collingwood            | Dec. 11, 1918     | 3,990     | 205 00        | 817,950     | "                           |
| 43       | Canadian Runner      | Port Arthur            | Mar. 1, 1919      | 4,575     | 215 00        | 983,625     | "                           |
| 44       | Canadian Carrier     | "                      | Mar. 1, 1919      | 4,575     | 215 00        | 983,625     | "                           |
| 11       | Canadian Importer    | Coughlan               | Nov. 22, 1918     | 8,390     | 198 00        | 1,661,220   | Complete and in commission. |
| 12       | Canadian Exporter    | "                      | Nov. 22, 1918     | 8,390     | 198 00        | 1,661,220   | "                           |
| 13       | Canadian Inventor    | "                      | Nov. 22, 1918     | 8,390     | 198 00        | 1,661,220   | "                           |
| 14       | Canadian Prospector  | "                      | Nov. 22, 1918     | 8,390     | 198 00        | 1,661,220   | "                           |
| 3        | Canadian Cruiser     | Halifax                | Dec. 10, 1918     | 10,500    | 197 50        | 2,073,750   | "                           |
| 4        | Canadian Constructor | "                      | Dec. 10, 1918     | 10,500    | 197 50        | 2,073,750   | "                           |
| 5        | Canadian Sealer      | Nova Scotia            | Mar. 31, 1919     | 2,800     | 210 00        | 588,000     | Completed.                  |
| 6        | Canadian Miner       | "                      | Mar. 31, 1919     | 2,800     | 210 00        | 588,000     | "                           |
| 1        | Canadian Reaper      | Prince Rupert          | Feb. 21, 1919     | 8,390     | 198 00        | 1,661,220   | "                           |
| 2        | Canadian Thrasher    | "                      | Feb. 21, 1919     | 8,390     | 198 00        | 1,661,220   | "                           |
| 4        | Canadian Otter       | British Ameri-<br>can. | Jan. 23, 1919     | 4,575     | 215 00        | 983,625     | "                           |
| 5        | Canadian Squatter    | "                      | Jan. 23, 1919     | 4,575     | 215 00        | 983,625     | "                           |
| 65       | Canadian Farmer      | Collingwood            | July 1, 1919      | 3,990     | 180 00        | 718,200     | "                           |
| 66       | Canadian Observer    | "                      | July 1, 1919      | 3,990     | 180 00        | 718,200     | "                           |
| 10       | Canadian Pathfinder  | Dominion               | July 11, 1919     | 3,500     | 180 00        | 630,000     | "                           |
| 11       | Canadian Engineer    | "                      | July 11, 1919     | 3,500     | 180 00        | 630,000     | "                           |
| 77       | Canadian Victor      | Vickers                | Sept. 18, 1919    | 8,390     | 170 00        | 1,426,300   | "                           |
| 78       | Canadian Conqueror   | "                      | Sept. 18, 1919    | 8,390     | 170 00        | 1,426,300   | "                           |
| 79       | Canadian Commander   | "                      | Sept. 18, 1919    | 8,390     | 170 00        | 1,426,300   | "                           |
| 80       | Canadian Leader      | "                      | Sept. 18, 1919    | 8,390     | 170 00        | 1,426,300   | "                           |
| 10       | Canadian Racer       | Midland                | Feb. 26, 1920     | 3,890     | 180 00        | 718,200     | "                           |
| 103      | Canadian Highlander  | Wallace                | Mar. 18, 1920     | 8,390     | 167 50        | 1,405,325   | "                           |
| 104      | Canadian Skirmisher  | "                      | Mar. 18, 1920     | 8,390     | 167 50        | 1,405,325   | "                           |
| 67       | Canadian Rover       | Collingwood            | Mar. 13, 1920     | 3,890     | 182 50        | 709,925     | "                           |
| 16       | Canadian Coaster     | "                      | Mar. 13, 1920     | 3,890     | 182 50        | 709,925     | "                           |
| 8        | "                    | Nova Scotia            | "                 | 2,800     | 190 00        | 532,000     | "                           |
| 476      | Canadian Challenger  | Davie                  | Feb. 2, 1920      | 8,390     | 167 50        | 1,405,325   | "                           |
| 45       | "                    | Port Arthur            | Feb. 2, 1920      | 3,890     | 182 50        | 709,925     | "                           |
| 20       | Canadian Transporter | Coughlan               | "                 | 8,350     | 167 50        | 1,398,625   | "                           |
| 21       | Canadian Freighter   | "                      | "                 | 8,350     | 167 50        | 1,398,625   | "                           |

|                                |              |
|--------------------------------|--------------|
| Total Number of Contracts..... | 63           |
| Total D.W. Tonnage.....        | 380,435      |
| Total Value—63 Vessels.....    | \$73,029,435 |
| Average cost per ton.....      | \$191 96     |

CANADIAN REGISTERED MERCHANT VESSELS CAPTURED OR DESTROYED BY THE ENEMY.

(S) Sailing Vessel. Others unless otherwise noted, Steam.

| Name.                   | Tons.  | Date.          | Position.   | Cause of Loss.                    | How Attacked. | How Sunk.    | Lives Lost.          |
|-------------------------|--------|----------------|---|-----------------------------------|---------------|--------------|----------------------|
| Drunnair (S)            | 1,844  | Dec. 2, 1914   | 70 miles E. by N. (true) from Cape Horn                 | Lapizgar                          | Captured.     | Bombs        | 1                    |
| Morwena                 | 1,414  | May 26, 1915   | 72 miles S. by E. from Eastnet                          | Submarine                         | No warning    | Torpedo      | 132                  |
| L. C. Fowler (S)        | 518    | July 1, 1915   | 30 miles S. from Eastnet                                | "                                 | Captured      | Sunk on fire |                      |
| Royal Edward            | 11,417 | Aug. 13, 1915  | 6 miles W. from Banglebush                              | "                                 | "             | Torpedo      |                      |
| Midland Queen           | 1,093  | Sept. 4, 1915  | 70 miles S.W. by W. from Eastnet                        | "                                 | "             | Camp fire.   |                      |
| H. C. Henry             | 4,219  | Sept. 28, 1915 | 50 miles S. by E. from Cape Eastnet                     | Mine                              | "             | "            |                      |
| Empress of Fort William | 2,181  | Feb. 27, 1916  | 2 miles S. from Duxey pier                              | "                                 | "             | "            |                      |
| Empress of Midland      | 2,224  | Mar. 27, 1916  | 9 miles S. from Kenyale Knack I. V.                     | "                                 | "             | "            |                      |
| Erebia                  | 3,461  | May 13, 1916   | 15 miles S.-SW. from Fly Dyve                           | Submarine                         | Captured      | "            |                      |
| Pekane                  | 3,286  | Dec. 2, 1916   | 18 miles E. N.E. from Island                            | Submarine                         | "             | "            |                      |
| Durdes of Cornwall (S)  | 152    | " 21, 1916     | 620 miles W. S. (true) from Vestnet                     | Wreck                             | "             | Bombs.       |                      |
| Harry W. Adams (S)      | 127    | " "            | 46 miles N.W. by N. from Cape Villano                   | Submarine                         | "             | Not known    |                      |
| Jean (S)                | 215    | " 30, 1916     | 60 miles E. (true) from St. Paul rocks                  | Submarine after capture by Mexico | "             | Gun fire     | Crew made prisoners. |
| Liban II. (S)           | 367    | Jan. 19, 1917  | 15 miles S. by E. from Old Head of Kinsale              | Submarine                         | "             | "            |                      |
| Perce (S)               | 364    | " 28, 1917     | 150 miles N.E. by N. (true) from St. Paul rocks.        | Submarine                         | "             | "            |                      |
| Dundee                  | 2,278  | " 31, 1917     | 10 miles N. by W. from St. Ives Head                    | Submarine                         | "             | Bombs        |                      |
| Mayola (S)              | 1,146  | Feb. 16, 1917  | 50 miles S.E. by E. from Cape St. Vincent               | Submarine                         | No warning    | Torpedo      | 1                    |
| British Yeoman (S)      | 1,453  | " 26, 1917     | 50 miles N.W. by N. N. E. true from St. Paul's rocks.   | "                                 | Captured      | Bombs        |                      |
| James Burton Cook (S)   | 1,323  | Mar. 10, 1917  | 25 miles S.-S.E. from Methana                           | Sweeper                           | "             | "            |                      |
| Kwasini                 | 2,241  | " 11, 1917     | 0.1 Southwold   | Submarine                         | "             | Gun fire.    |                      |
| Strathcona              | 1,881  | April 13, 1917 | 145 miles W.-N.W. from Ronaldsley                       | Mine                              | "             | Mine         |                      |
| Victoria (S)            | 165    | " 16, 1917     | 30 miles S.W. from Bechey Head                          | Submarine                         | "             | "            |                      |
| Thomias (S)             | 132    | " 18, 1917     | 40 miles S.E. from Cape St. Vincent                     | "                                 | "             | "            |                      |
| Nepawa                  | 1,799  | " 22, 1917     | 120 miles W. from Bisloop rock                          | "                                 | "             | "            |                      |
| Invermay (S)            | 1,471  | " 25, 1917     | 10 miles N.W. by N. from Lapale Island                  | "                                 | "             | "            |                      |
| C. A. Jacques           | 2,105  | May 1, 1917    | 26 miles W.-SW. from Bonlogne                           | "                                 | "             | "            |                      |
| Carmoucy (S)            | 1,299  | " 14, 1917     | 130 miles W. from Eastnet                               | "                                 | No warning    | Torpedo      | 3                    |
| Dorothy Duff (S)        | 1,186  | " 16, 1917     | 14 miles E. from Cape Collier                           | "                                 | Captured      | Bombs        |                      |
| McClure (S)             | 220    | " 24, 1917     | 30 miles E. by S. from Cape Carbonara                   | "                                 | "             | "            |                      |
| Scottish Hero           | 2,305  | June 10, 1917  | 440 miles W. by S. J. E. from Ste. Maria, Azores.       | "                                 | "             | Gun fire     | 1                    |
| Wellena Gertrude (S)    | 317    | July 21, 1917  | 120 miles S. by E. J. E. from Cape Villano              | "                                 | "             | Bombs        |                      |
| Percy B. (S)            | 350    | Sept. 29, 1917 | 180 miles N. W. from Cape St. Mary                      | "                                 | "             | Gun fire.    |                      |
| Hilda R. (S)            | 100    | Nov. 5, 1917   | 14 miles E.-S.E. from Cape de la Huertas off the Azores | "                                 | "             | Bombs        |                      |
| D. A. McKay (S)         | 2,301  | Dec. 11, 1917  | 38 miles S.E. by E. J. E. from Porquerolles Island      | "                                 | No warning    | Torpedo.     | 1                    |
| Arnaucua                | 2,145  | Jan. 10, 1918  | 5 miles W.-SW. from Trevoze Head                        | "                                 | No warning    | Torpedo.     | 6                    |
| Tanona                  | 5,296  | Mar. 15, 1918  | 60 miles N.-NW. (true) from Graciosa (Azores).          | "                                 | No warning    | "            | 7                    |
| Ruth Hickman (S)        | 2,417  | May 2, 1918    | 25 miles N.-W. (true) from Brier Island, N.S.           | "                                 | Captured      | Bombs        | 8                    |
| Dorlinton (Motor)       | 766    | Aug. 2, 1918   | 4 miles N.E. by N. from Cape Colonne, Italy.            | "                                 | No warning    | Burnt        | 3                    |
| Freshfield              | 3,445  | " 5, 1918      | 35 miles S.W. from Outer gas buoy, Halifax              | "                                 | "             | Torpedo.     | 2                    |
| Luz Blanca              | 4,868  | " 5, 1918      | 11 miles S.W. by W. from Trevoze Head                   | "                                 | "             | "            | 25                   |
| Acadian                 | 2,310  | Sept. 16, 1918 | 250 miles S.E. J. S. (true) from Nantucket Island.      | "                                 | Captured      | "            |                      |
| Industrial (S)          | 330    | Oct. 4, 1918   |   | "                                 | "             | Bombs.       |                      |
| Total                   | 74,323 | gross tons.    |   |                                   |               |              | 199                  |

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FISHING VESSELS CAPTURED OR SUNK.

(All Sailing Vessels except the "Triumph").

| Name.               | Tons. | Date.         | Position.  | Cause of Loss.       | How Attacked. | How Sunk.              | Lives Lost.    |
|---------------------|-------|---------------|--|----------------------|---------------|------------------------|----------------|
| Nelson A.           | 72    | Aug. 4, 1918. | 25 miles from Shelburne.                             | Submarine.           | Captured.     | Bombs.                 |                |
| Triumph.            | 239   | " 20, 1918.   | 60 miles SW. by S. from Cape Canso.                  | "                    | "             | Converted into raider. |                |
| Uda. A. Saunders.   | 125   | " 20, 1918.   | 52 miles S. from Cape Canso.                         | Submarine (Triumph). | "             | Bombs.                 |                |
| Lucille M. Schmare. | 121   | " 20, 1918.   | 52 miles S. from Cape Canso.                         | Submarine (Triumph). | "             | "                      |                |
| Pasadena.           | 91    | " 21, 1918.   | 70 miles S-S-E. from Cape Canso.                     | Submarine.           | "             | "                      |                |
| E. B. Walters.      | 98    | " 25, 1918.   | 25 miles W. by S. from Little Miquelon.              | "                    | "             | "                      |                |
| C. M. Walters.      | 107   | " 25, 1918.   | 25 miles W. by S. from Little Miquelon.              | "                    | "             | "                      |                |
| Verma D. Adams.     | 132   | " 25, 1918.   | 25 miles W. by S. from Little Miquelon.              | "                    | "             | "                      |                |
| Clayton W. Walters. | 80    | " 25, 1918.   | Off St. Pierre.                                      | "                    | "             | "                      |                |
| Marion Adams.       | 99    | " 25, 1918.   | Off St. Pierre.                                      | "                    | "             | "                      |                |
| Gloaming.           | 100   | " 26, 1918.   | 70 miles S-SW. from St. Pierre.                      | "                    | "             | "                      |                |
| Elsie Porter.       | 136   | " 30, 1918.   | 280 miles E. $\frac{1}{2}$ N. from St. John's, Nfld. | "                    | "             | "                      |                |
| Potentate.          | 136   | " 30, 1918.   | 290 miles E. $\frac{1}{2}$ N. from St. John's, Nfld. | "                    | "             | "                      |                |
| Total               | 1,536 |               |  |                      |               |                        | No lives lost. |

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DOMINION IRON AND STEEL COMPANY'S NEW ROLLING MILL PLANT, SYDNEY,  
CAPE BRETON.

On the 19th February, 1920, there transpired at Sydney an event of the utmost importance to the Canadian steel and shipbuilding trades, and another milestone in the industrial progress of Canada was passed; on that date in the above plant there was rolled the first Canadian steel ship's plate for one of the 10,500-ton Government Merchant Marine vessels being built at the Halifax Shipyards.

The steel ingot from which this plate was rolled weighed 5,700 pounds, and the dimensions of the plate were, length 331 inches, width 72 inches, thickness 0.64 of an inch; the weight of the finished plate ready for shipment was 4,400 pounds.

The new plant of the Dominion Iron and Steel Company covers about five acres of ground, is capitalized at \$5,000,000, and is unsurpassed by any other plant in America in up-to-date efficiency; it is the last word in modern roller plate mills.

The process of rolling this steel ship's plate was briefly this: The red hot ingot was grappled at the furnace door and swung on to a 10-ton Morgan crane, by which it was lowered to a moving platform and carried to the rolling mill proper, where the pressure is applied by revolving cylinders driven by the fly-wheel of a 4,000 horse-power motor, and played upon by continuous streams of water from above; as the ingot surged back after its first passage under the turning tons of metal, it was aligned on the carriage by men with iron rods, and ready for the next plunge.

Under the terrific pounding of the cylinders the ingot gradually assumed a plate shape, when the process of lengthening and flattening grew more rapid cumulatively, until the required thinness was attained; this was indicated by a micrometer at the top of the mill, the signal to stop rolling was then given, the thickness of the plate checked by a gauge applied to the side, and it was moved on, now at a dull red heat, to the straightening machine to be given a perfectly even surface.

It then passed to the horizontal rotary shearing machine which clipped both sides at once, and then to the vertical shearing machine or guillotine, which performed the same operation to the ends of the plate; it was then moved to what is termed the castor bed, a platform studded with iron rods a few feet apart, about 3 feet in height, and about one inch in diameter; on the top of each rod a castor is set at an angle, and on these castors the heaviest plates can be moved by means of iron rods with the greatest ease to the weighing machines. On being weighed, the plate is stamped and numbered, and deposited on the floor of the plant ready for shipment.

The time that elapsed from the taking of the ingot from the furnace to the depositing of this first plate rolled on the floor of the plant was almost exactly ten minutes.

The capacity of the mill is about 50,000 square feet of plate a day, varying in thickness from three-sixteenths of an inch to 2½ inches, and the maximum width of plate that can be rolled is 96 inches; the plates that can be turned out include all kinds for ships, bridges, boilers, or steel cars.

The department is indebted to Mr. K. H. Marsh, Chief Engineer of the Dominion Iron and Steel Company's Plant at Sydney, Cape Breton, for the description of the roller plate mill proper, and for the general description of the plant here given.

## DESCRIPTION OF ROLLER PLATE MILL.

The 110-inch by 36-inch three-high plate mill at the plant of the Dominion Iron and Steel Co. is of the Lauth type and consists of one stand of rolls served

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by tilting tables and driven by a 4,000 horse-power 83 R.P.M. motor through a set of cut herring-bone pinions. The middle pinion is driven by the motor while the upper and lower pinions are connected to the upper and lower mill rolls respectively through leading spindles and coupling boxes. The pinion gear reduction is about 10 to 6 so that the mill is driven at about 49 R.P.M. The top and bottom rolls are 36-inches in diameter and the middle roll is 24 inches in diameter; the length of all rolls is 110 inches between necks, and the horizontal distance between mill housings is about 113 inches, thus the widest sheared plate that it is commercially practical to produce is about 96 inches. The mill screw down drive is located on top of housings and consists of two 100 horse-power motors connected to common shaft and driving the screws through a worm wheel reduction. These motors are electrically connected for series parallel operation. The front and back tilting tables are each about 30 feet in length and each supports 21 live rolls. Two 60 horse-power motors drive the live rolls on each tilting table. The power for raising and lowering the tilting tables is supplied by two 150 horse-power motors acting through a gear reduction and a crank motion. The tables are balanced by a closed hydro pneumatic system acting on the crank motion through hydraulic cylinders and a hydraulic accumulator. The top roll is hydraulically balanced while the middle roll is mechanically balanced and electrically raised and lowered by means of two 150 horse-power motors.

The mill motor is the General Electric Co.'s Type 1—88 pole—4,000 horse-power—82 R.P.M.—Induction—3-Phase—60-Cycle—Form M—6,600 Volt. The flywheel is direct connected, mounted between its own bearings and weighs approximately 155 000 pounds. This flywheel has a diameter of 22' 7" while the rotor has a diameter of 21' 4". The  $WR^2$  of rotating parts is approximately 20,000,000. The maximum running torque in pounds at 1' radius is 700,000.

The 1,000 kilowatt motor generator set is provided for furnishing direct current at 250 volts for all other motors used for the mill and its auxiliaries. The General Electric Co. have supplied the entire electrical equipment while the United Engineering & Foundry Co. supplied the mill proper together with tables, transfers, conveyers, shears, etc.

## GENERAL DESCRIPTION OF PLANT.

A slab yard and ingot storage, 80 feet by 200 feet, is provided adjacent to the north end of the mill buildings. This yard is served by a Morgan Engineering Company's 10-ton 3-motor E.O.T. crane. Narrow gauge tracks from the open hearth department pass under this crane and extend into the furnace building, so that hot ingots may be taken direct from the open hearth to the furnaces, or ingots may be stored in the slab yard and later rehandled on cars to the heating furnaces.

The heating furnace building is 140 feet by 227 feet in plan and contains six gas-fired regenerative side door heating furnaces, 11 feet and  $7\frac{1}{2}$  inches wide by 51 feet long inside buckstays, the width of furnace inside brickwork is 9 feet and the length of furnace hearth is 34 feet. Gas and air regenerative chambers of ample proportions are provided underneath each of these furnaces and each furnace is supplied with a self-supporting steel draught stack 5 feet 0 inches inside diameter of brickwork and 130 feet high above the furnace hearth level. Manually operated revolving valves are used. Debenzolzied coke-oven gas with a thermal value of 560 B.T.U. is used for fuel. This gas is not preheated and both air and gas regenerators are used for pre-heating air. However, the arrangement of valves, flues and ports is such that both gas and air may be regenerated in case producer gas is used for fuel. Each furnace has four brick-lined cast-iron doors, 8 feet 6 inches centre to centre, the width between door jambs being

6 feet and the clear height from foreplate to skewback is 4 feet. The furnace doors are individually operated and controlled by General Electric Co.'s motors acting through a worm-gear crank motion. The water-cooled door jamb and skewbacks are welded steel—Blaw-Knox patent.

For average operation it is estimated that the coke-oven gas consumption will be 9,000 cubic feet per ton of ingots heated, while the water consumption per furnace for jambs and skewbacks will be about 120,000 imperial gallons per 24 hours. Venturi meters of the recording-indicating and integrating type are used for measuring both gas and water on these heating furnaces.

Two Morgan Engineering Company's 10-ton, 5-motor revolving slab chargers, having a span of 55 feet, are arranged to serve the six heating furnaces in conjunction with an electrically operated ingot chariot arranged on the centre-line between furnaces. This ingot chariot and all 24 furnace door hoists are remotely controlled from a pulpit at the north end of furnace building. All heating furnaces are arranged in plain view of the mill operator—a very desirable feature from the standpoint of operating efficiency.

The mill building proper is 80 feet 10 inches by 250 feet in plan and houses the mill motor, mill proper together with its tilting tables and auxiliaries, operating pulpit, roll shop, roll rack, salt bin and scale pit. The entire building is commanded by a Morgan Engineering Company's 6-motor E.O.T. crane equipped with 50-ton main hoist and 10-ton auxiliary hoist. A brick wall separates the motor room from the mill proper. This wall extends from floor level nearly to the crane girders; a fireproof canvas curtain being arranged to close the opening between the top of this wall and the roof, so that by raising this curtain the 75-ton crane may serve the motor room. The standard gauge railroad tracks are arranged under either end of the 75-ton crane runway.

The hot-bed building, about 100 feet in width by 560 feet long, is arranged with a crane runway its entire length for a Morgan Engineering Company's 10-ton, 3-motor, E.O.T. crane. A standard gauge railroad track is arranged to enter this building underneath the crane runway. Plate mill machinery housed by this building consists of the runout tables, plate leveller, hot-bed chain conveyer, inspection turn-up, layout chain conveyer, rotary shears and tables for the same.

The shear building is 300 feet by 350 feet in plan and is arranged for its entire length with three 96 feet 6 inch crane runways, each supporting a Morgan Engineering Company's 5-motor, double trolley, E.O.T. crane. This building houses the 108 inch by  $\frac{3}{4}$  inch cross-cut shears, 156 inch by  $1\frac{1}{4}$  inch trimming shears, 144 inch by  $2\frac{1}{4}$  inch trimming shears, 5 scrap shears and 2 10-ton dial scales. The castor bed is arranged for the easy handling of plates from all shears to the scales. There are excellent track facilities for shipping, and a considerable plate storage space so necessary for economical plate mill operation.

The entire plate mill machinery, including roll lathe, was furnished by the United Engineering & Foundry Co., of Pittsburg, Pa., with the exception of the 144 inch shear, which was furnished by the Morgan Engineering Co., of Alliance, Ohio. All cranes and mill machinery is motor-driven with General Electric Company's 230-volt equipment. Auxiliary apparatus, such as shear plate grinder, test piece milling machine, air compressor, hydraulic pump, etc., is motor-driven.

The brick building walls are not less than 12 inches thick. Ample windows are provided with wooden sash and wooden frames. Reinforced concrete lintels and plain concrete window sills were used throughout. The roof consists of  $2\frac{3}{4}$  inch tongued and grooved spruce supported by channel purlins and covered with a "Barrett" specification 4-ply tar and gravel roof.

The fresh water supply required for this mill is about  $1\frac{1}{2}$  million imperial gallons per twenty-four hours. The cooling-water for heating furnaces is

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returned to a cooling pond and recirculated, while the mill cooling-water, which is contaminated with mill scale, grease and salt, is run into the sewer.

Power for plate mill operation is supplied by a General Electric 5,000 K.W. turbo-generating unit in No. 3 power-house and is transmitted about one mile at 6,600 volts.

Extensions to the open hearth building were necessary, in order to provide room for bottom casting the slab ingots required for plate mill consumption. The entire project represents the latest practice in the art of plate manufacture and is a creditable addition to the steel plant of the Dominion Iron and Steel Company, Ltd.

## OPERATIONS OF CHIEF CANADIAN SHIPBUILDING PLANTS.

## MIDLAND SHIPBUILDING CO., LTD., MIDLAND, ONT.

This company turned out during the calendar year 1919 two vessels for the Imperial Munitions Board, the *War Leveret*, deadweight tonnage 3,348, length 251 feet, approximate cost \$700,000.00, and the *War Fury*, deadweight tonnage 3,345, length 251 feet, approximate cost \$700,000.00.

## HALIFAX SHIPYARDS, LIMITED, HALIFAX, N.S.

Are building for the Canadian Government Merchant Marine two ships of 8,100 deadweight tons each, and two of 10,500 deadweight tons each.

## CANADIAN CAR AND FOUNDRY CO., LTD., MONTREAL, P.Q.

During the fiscal year 1919-20 this shipbuilding plant completed the steamer *E. D. Kingsley*, 1,500 tons deadweight, length over all 209 feet, speed 10 knots loaded.

## YARROWS, LIMITED, VICTORIA, B.C.

This plant completed during the year a motor-driven steel ferry for Mission, B.C.; length 90 feet, beam 25 feet, depth 5 feet, approximate cost \$35,000; was also engaged in repair work to local and ocean-going ships.

The following additions have been made to the plant: One new compressor building 44 feet by 40 feet with 200 horse-power electrically-driven compound air compressor installed. One electrically operated shipyard crane, 90 feet radius. A powerful electric welding plant consisting of two 200-ampere portable machines for direct current welding.

The administrative offices were enlarged and a new drawing office built.

A Fay and Egan Universal shipyard saw was installed for cutting heavy timbers.

## NOVA SCOTIA STEEL &amp; COAL CO., NEW GLASGOW, N.S.

Completed three ships 2,800 tons deadweight each for the Canadian Government Merchant Marine; sea speed,  $9\frac{1}{2}$  knots; average cost, \$530,000.00 each.

During the year \$46,000.00 was expended in new equipment for the plant.

## DOMINION SHIPBUILDING CO., LTD., TORONTO, ONT.

During 1919 this plant built and delivered one steel ship of 4,300 tons deadweight for the N. S. Transportation Co., Ltd., Toronto; four steel ships of 3,550 tons deadweight each for the Dominion Shipbuilding Co., Ltd., Toronto, Ont., and two steel ships of 3,550 tons deadweight each for the Aalesund S.S. Co. of Aalesund, Norway.

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Vessels under construction to be delivered during 1920 comprise two ships of 3,350 tons deadweight each for the Dominion Shipbuilding Co., Ltd., Toronto; two of 2,550 tons deadweight each for the same company; two of 3,550 tons deadweight each for the Canadian Government Merchant Marine, and two of 2,550 tons deadweight each for the Gulf Navigation Co., New Orleans, La.

A new solid brick office building with draughting room was added to the plant during the year at a cost of \$30,000.

THE ST. LAWRENCE DOCK & SHIPBUILDING CO., LTD., LÉVIS, P.Q.

The firm was engaged during the year in the work of repairs and reconstruction of ships. The Government dredge *Galreston* was dismantled, rebuilt, and converted into the ocean freighter *Pomone* for the "Affréteurs Réunis" of Paris, France; length B.P. 233 feet, deadweight tonnage 3,110. The steam tug *Gwenneth* was repaired and reconstructed, and repairs made to various smaller steam tugs. The S.S. *Lehigh* was converted into a lake coal carrier for the George Hall Company of Montreal; length, B.P. 243 feet; deadweight tonnage, 2,000.

CHOLBERG SHIPYARD, LIMITED, VICTORIA, B.C.

Completed and delivered during 1919, three wooden four-masted sailing schooners for Norwegian interests; length, 197.6 feet; displacement tonnage, 2,900; approximate cost, \$220,000 each.

Have in hand a contract with Victoria, B.C., shipowners for four wooden barquentines; length over all, 250 feet; deadweight tonnage, 2,400; estimated cost, \$250,000 each.

Additions to the plant during the year were a new stiff-leg derrick, 120 feet boom, a new air compressor, a new ship band saw, a new aerial wire timber carrier, all specially designed and arranged for the construction of wooden ships.

CANADIAN VICKERS, LIMITED, MONTREAL, P.Q.

Vessels completed and delivered April 1919-20, for Canadian Government Merchant Marine:—

*Canadian Ranger*, 8,382 tons deadweight, 400' x 52' x 31'; speed, 11 knots. *Canadian Seigneur*, 8,391 tons deadweight, 400' x 52' x 31'; speed, 11 knots. *Canadian Miller*, 8,391 tons deadweight; 400' x 52' x 31'; speed, 11 knots. *Canadian Navigator*, 4,581 tons deadweight, 320' x 44' x 25'; speed, 11 knots. *Canadian Spinner*, 8,390 tons deadweight; 400' x 52' x 31'; speed, 11 knots. *Canadian Planter*, 8,390 tons deadweight; 400' x 52' x 31'; speed, 11 knots.

For French Owners:—

*Alsace*, 8,398 tons deadweight; 400' x 52' x 31'; speed, 10 knots.

Vessels under construction, 1920, for Canadian Government Merchant Marine:—

*Canadian Victor*, 8,350 tons deadweight; 400' x 52' x 31'; speed, 11 knots. *Canadian Conqueror*, 8,350 tons deadweight; 400' x 52' x 31'; speed, 11 knots. *Canadian Commander*, 8,350 tons deadweight; 400' x 52' x 31'; speed, 11 knots. *Canadian Leader*, 8,350 tons deadweight; 400' x 52' x 31'; speed, 11 knots.

For Norwegian Owners:—

*Tatjana*, 8,350 tons deadweight; 400' x 52' x 31'; speed, 10½ knots. *Loch Tay*, 8,350 tons deadweight; 400' x 52' x 31'; speed, 10½ knots. One cargo steamer, 6,350 tons deadweight; 365' x 49½' x 29'; speed, 11 knots. One cargo steamer, 6,350 tons deadweight; 365' x 49½' x 29'; speed, 11 knots.

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## NORTHERN CONSTRUCTION CO., LTD., VANCOUVER, B.C.

Five ships were built and launched during the year; length overall, 204.5 feet; speed,  $9\frac{1}{2}$  knots; deadweight tonnage, 1,500.

No extensions were made to the yard during the year.

## PORT ARTHUR SHIPBUILDING CO., LTD., PORT ARTHUR, ONT.

For the Canadian Government Merchant Marine there were built in 1919, four steel freight steamers; length over all, 260 feet; deadweight tonnage, 3,400; speed, 11 knots; and for the Department of the Naval Service of Canada, trawlers 41, 42, 43; and 44; length, 134' 7"; breadth, 23' 4"; depth, 13' 6"; 294.5 gross tons each.

Under construction for 1920 for the Canadian Government Merchant Marine, two steel freight steamers; length over all, 333' 7"; deadweight tonnage, 4,350; speed, 11 knots; and one steel freight steamer, length over all, 260' 6"; deadweight tonnage, 3,980; speed, 11 knots. Under construction for the Naval Service of Canada, two Scotch multitubular boilers for tug *W. H. Lee*, and one Scotch multitubular boiler for C.G.S. *Bayfield*.

The following additions were made to the plant during the year: boiler shop addition, 90' x 80', cost \$27,651.80; foundry addition 90' x 40', cost \$19,147.36; power-house addition, cost \$10,483.78; paint shop addition, cost \$3,386.26; plate and angle furnace, cost \$19,132.17; new heating boiler, cost \$9,277.79; plate bending rolls for capacity plates, 24 feet wide by 1 inch thick, cost \$18,000.

## J. COUGHLAN &amp; SONS, VANCOUVER, B.C.

From June, 1919, to June, 1920, this firm built and delivered 76,400 deadweight tons of steel shipping, viz., nine vessels, five of 8,800 deadweight tons each, and four of 8,100 tons deadweight each as follows:—

1919—

*July delivery*:—S.S. *War Column*, 8,800 deadweight ton steamer, built to order Imperial Munitions Board, later sold to Italian Company, and now operating as S.S. *Attavita*. Coal burner, turbine engines.

*August delivery*:—S.S. *War Company*, 8,800 deadweight tons, built to order Imperial Munitions Board, sold to French company, and now operated as S.S. *Ontario*. Coal burner; turbine engines.

*October delivery*:—S.S. *War Chariot*, 8,800 deadweight tons, built to order of Imperial Munitions Board, and now being operated as *Iocasti*, under Greek flag. Coal burner; turbine engines.

1920—

*January delivery*:—S.S. *Canadian Importer*, 8,100 deadweight tons, built to order Canadian Government; coal burner; triple expansion engines. Now on trade route, Vancouver-Australia.

*February delivery*:—S.S. *Canadian Exporter*, 8,100 deadweight tons, built to order of Canadian Government; coal burner; triple expansion engines. Now on trade route, Vancouver-Australia.

*April delivery*:—S.S. *Braheholm*, laid down to order of J. Coughlan & Sons Ltd., and sold to Swedish-American-Mexican Line. She is of the 8,800 deadweight ton type, fitted with triple expansion engines, and coal furnaces. This is believed to be the first ship of this size ever laid down by a Canadian Shipyard to the company order.

*June delivery*:—S.S. *Canadian Inventor*, 8,100 deadweight tons; triple expansion engines; coal burner. Built to order of the Canadian Government.

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S.S. *Margaret Coughlan*, 8,800 deadweight tons, built to the order of Western Canada Steamships Ltd., a subsidiary company of J. Coughlan & Sons, Ltd.; oil burner, with triple expansion engines. Will be operated by Coughlan interests, and has already been chartered.

The company has in hand two 8,800 deadweight cargo steamers, one for Swedish interests and one for the Vancouver Steamships Limited, a subsidiary of J. Coughlan & Sons, Limited, and two 8,400 deadweight tons steamships for the Canadian Government Merchant Marine. These vessels will be oil burners fitted with triple expansion engines.

CANADIAN ALLIS-CHALMERS, LIMITED, BRIDGEBURG, ONT.

The Canadian Allis-Chalmers, Limited, is a subsidiary company to the Canadian General Electric Company, Limited. The capital stock of the Canadian General Electric Company, Limited, is \$12,000,000 authorized, \$10,700,000 paid up. The shareholders of the Canadian General Electric Company, Limited, are chiefly Canadian and British with a smattering of foreigners.

The shipyard proper employs 500 men. The Canadian General Electric Company, Limited, and subsidiary companies, 6,000, made up of English, French Canadian, Scotch, and Americans

The site of the shipbuilding plant covers 42 acres on the west bank of the Niagara river, three and a half miles north of the port of Bridgeburg. The plant has a siding from the Canada Southern Railway.

During the season of 1919-20 two ocean freighters were built and delivered; length over all, 261 feet; 43' 6" beam, and 23' draught, 3,560 deadweight tons each.

The company has in hand for delivery in 1920 two steel freighters of similar tonnage and dimensions for the American Metal Transport Company of New York, U.S.A.

Shipping berths Nos. 1 and 2 permit of the building of one 575 feet freighter or two of 261 feet, as also do berths Nos. 3 and 4: so that two ships of 575 feet in length or four of 261 feet can be built at the same time.

In connection with the berths there is a fitting-out dock equipped with a set of 60-ton shear legs.





COMPARATIVE STATEMENT showing the number of Vessels and Number of Net Tons on the Registry Books of the Dominion of Canada, on December 31, in each Year from 1910 to 1919, both inclusive.

| Province.            | 1910.    |         | 1911.    |         | 1912.    |         | 1913.    |           | 1914.    |           |
|----------------------|----------|---------|----------|---------|----------|---------|----------|-----------|----------|-----------|
|                      | Vessels. | Tons.   | Vessels. | Tons.   | Vessels. | Tons.   | Vessels. | Tons.     | Vessels. | Tons.     |
| New Brunswick        | 351      | 59,637  | 966      | 55,872  | 1,001    | 57,369  | 1,031    | 60,020    | 1,052    | 55,522    |
| Nova Scotia          | 2,054    | 437,737 | 2,105    | 432,631 | 2,158    | 443,295 | 2,106    | 438,107   | 2,098    | 435,053   |
| Quebec               | 1,499    | 189,945 | 1,311    | 163,682 | 1,566    | 227,048 | 1,628    | 247,225   | 1,663    | 259,143   |
| Ontario              | 2,027    | 227,457 | 2,014    | 236,827 | 2,017    | 253,376 | 2,012    | 279,642   | 2,100    | 314,660   |
| Prince Edward Island | 150      | 10,100  | 179      | 9,573   | 148      | 9,577   | 149      | 10,071    | 149      | 10,029    |
| British Columbia     | 1,109    | 169,414 | 1,227    | 122,264 | 1,376    | 136,618 | 1,506    | 15,306    | 1,591    | 147,192   |
| Manitoba             | 91       | 3,565   | 96       | 4,373   | 95       | 6,006   | 93       | 5,545     | 103      | 7,989     |
| Yukon District       | 16       | 2,784   | 15       | 2,708   | 14       | 2,543   | 15       | 2,940     | 11       | 2,295     |
| Saskatchewan         | 4        | 290     | 5        | 356     | 5        | 356     | 5        | 356       | 5        | 529       |
|                      | 7,904    | 750,929 | 8,088    | 770,416 | 8,380    | 836,278 | 8,545    | 896,965   | 8,772    | 932,422   |
|                      | 1915.    |         | 1916.    |         | 1917.    |         | 1918.    |           | 1919.    |           |
| New Brunswick        | 1,068    | 56,219  | 1,074    | 49,817  | 1,074    | 49,883  | 4,043    | 49,483    | 1,018    | 42,050    |
| Nova Scotia          | 2,067    | 425,567 | 2,064    | 423,058 | 2,010    | 419,805 | 1,948    | 424,517   | 1,965    | 458,100   |
| Quebec               | 1,590    | 207,897 | 1,452    | 273,770 | 1,391    | 283,942 | 1,318    | 175,235   | 1,340    | 312,424   |
| Ontario              | 2,111    | 312,971 | 2,116    | 328,531 | 2,079    | 311,953 | 2,064    | 312,865   | 1,986    | 320,065   |
| Prince Edward Island | 158      | 11,514  | 155      | 10,652  | 157      | 10,955  | 158      | 10,805    | 158      | 10,726    |
| British Columbia     | 1,643    | 141,825 | 1,687    | 145,525 | 1,734    | 183,002 | 1,928    | 231,513   | 2,006    | 207,708   |
| Manitoba             | 84       | 7,385   | 95       | 8,953   | 99       | 9,834   | 96       | 9,791     | 89       | 9,160     |
| Yukon District       | 11       | 2,395   | 11       | 2,295   | 10       | 2,204   | 8        | 2,010     | 6        | 1,133     |
| Saskatchewan         | 5        | 530     | 5        | 530     | 5        | 530     | 5        | 529       | 5        | 529       |
|                      | 8,757    | 929,312 | 8,659    | 943,131 | 8,559    | 971,438 | 8,568    | 1,016,778 | 8,573    | 1,091,895 |

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COMPARATIVE STATEMENT OF Vessels built and Registered in the Dominion of Canada and their Net Tonnage during the Year ended December 31, in each Year from 1910 to 1919, both inclusive.

| Province.                 | 1910.    |        | 1911.    |        | 1912.    |        | 1913.    |         | 1914.    |         |
|---------------------------|----------|--------|----------|--------|----------|--------|----------|---------|----------|---------|
|                           | Vessels. | Tons.  | Vessels. | Tons.  | Vessels. | Tons.  | Vessels. | Tons.   | Vessels. | Tons.   |
| New Brunswick.....        | 17       | 397    | 25       | 774    | 44       | 1,092  | 45       | 1,114   | 31       | 1,319   |
| Nova Scotia.....          | 82       | 5,372  | 136      | 5,340  | 126      | 5,853  | 67       | 4,890   | 56       | 3,303   |
| Quebec.....               | 58       | 7,012  | 30       | 2,726  | 49       | 5,744  | 62       | 8,667   | 51       | 6,753   |
| Ontario.....              | 46       | 3,612  | 42       | 10,086 | 71       | 11,170 | 38       | 15,572  | 78       | 23,567  |
| Prince Edward Island..... | 2        | 23     | 4        | 61     | 1        | 34     | 3        | 804     | 2        | 35      |
| British Columbia.....     | 84       | 5,177  | 98       | 7,781  | 128      | 10,647 | 128      | 9,000   | 97       | 5,867   |
| Manitoba.....             | 5        | 490    | 3        | 902    | 1        | 546    | 1        | 18      | 11       | 2,890   |
| Yukon District.....       |          |        |          |        |          |        |          |         |          |         |
| Saskatchewan.....         |          |        | 1        | 66     |          |        |          |         |          |         |
|                           | 294      | 22,283 | 339      | 27,736 | 420      | 34,886 | 314      | 40,164  | 327      | 43,246  |
| Province.                 | 1915.    |        | 1916.    |        | 1917.    |        | 1918.    |         | 1919.    |         |
| New Brunswick.....        | 22       | 1,114  | 22       | 332    | 23       | 1,156  | 16       | 2,590   | 14       | 3,326   |
| Nova Scotia.....          | 51       | 2,962  | 65       | 7,661  | 86       | 14,781 | 110      | 27,831  | 163      | 43,877  |
| Quebec.....               | 49       | 7,790  | 51       | 8,643  | 32       | 8,058  | 26       | 9,086   | 46       | 45,831  |
| Ontario.....              | 38       | 4,709  | 26       | 5,507  | 21       | 3,949  | 48       | 10,098  | 37       | 10,858  |
| Prince Edward Island..... | 2        | 24     |          |        |          |        | 4        | 78      | 5        | 507     |
| British Columbia.....     | 79       | 2,097  | 65       | 4,487  | 77       | 17,452 | 192      | 54,889  | 138      | 23,396  |
| Manitoba.....             | 5        | 156    | 15       | 1,573  | 4        | 881    | 1        | 39      | 4        | 143     |
| Yukon District.....       |          |        |          |        |          |        |          |         |          |         |
| Saskatchewan.....         |          |        |          |        |          |        |          |         |          |         |
|                           | 246      | 18,832 | 244      | 28,303 | 243      | 46,277 | 397      | 104,611 | 407      | 127,938 |

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STATEMENT SHOWING THE NUMBER OF VESSELS AND NUMBER OF TONS ON THE REGISTRY BOOKS OF THE DOMINION OF CANADA, ON DECEMBER 31, 1919.

| Ports.                | Sailing Vessels. |                |              | Steam Vessels. |                |              |
|-----------------------|------------------|----------------|--------------|----------------|----------------|--------------|
|                       | No.              | Gross Tonnage. | Net Tonnage. | No.            | Gross Tonnage. | Net Tonnage. |
| <i>New Brunswick.</i> |                  |                |              |                |                |              |
| Chatham               | 378              | 9,125          | 8,843        | 102            | 4,099          | 2,487        |
| Dorchester            | 2                | 277            | 262          | 2              | 8              | 6            |
| Moncton               | 4                | 200            | 177          | 1              | 99             | 48           |
| Richibucto            | 23               | 510            | 477          | 16             | 298            | 220          |
| Sackville             | 4                | 302            | 265          | 3              | 65             | 45           |
| St. Andrews           | 143              | 2,548          | 2,490        | 38             | 771            | 518          |
| St. John              | 200              | 20,558         | 19,844       | 102            | 9,768          | 6,368        |
|                       | 754              | 33,520         | 32,358       | 264            | 15,108         | 9,692        |
| <i>Nova Scotia.</i>   |                  |                |              |                |                |              |
| Amherst               | 2                | 97             | 80           | 3              | 168            | 95           |
| Annapolis Royal       | 16               | 4,322          | 3,809        | 7              | 395            | 238          |
| Arichat               | 84               | 2,146          | 2,114        | 28             | 453            | 420          |
| Barrington Passage    | 60               | 1,293          | 1,263        | 28             | 509            | 450          |
| Canso                 | 40               | 738            | 738          | 6              | 108            | 102          |
| Digby                 | 82               | 4,063          | 3,825        | 15             | 468            | 307          |
| Guysboro              | 8                | 488            | 453          |                |                |              |
| Halifax               | 256              | 13,028         | 12,647       | 144            | 26,958         | 16,980       |
| La Have               | 39               | 10,372         | 8,935        | 4              | 608            | 321          |
| Liverpool             | 32               | 3,946          | 3,488        | 26             | 1,072          | 606          |
| Lunenburg             | 242              | 28,513         | 23,248       | 154            | 3,755          | 2,930        |
| Maitland              | 9                | 1,486          | 1,317        | 1              | 88             | 59           |
| Parrsboro             | 60               | 22,247         | 20,451       | 16             | 2,034          | 1,554        |
| Pictou                | 13               | 1,756          | 1,624        | 15             | 2,264          | 1,409        |
| Port Hawkesbury       | 63               | 1,421          | 1,406        | 9              | 229            | 193          |
| Port Medway           | 9                | 759            | 717          | 5              | 76             | 71           |
| Shelburne             | 50               | 2,508          | 2,381        | 18             | 679            | 509          |
| Sydney                | 76               | 4,129          | 3,931        | 40             | 1,670          | 1,089        |
| Truro                 |                  |                |              | 1              | 18             | 7            |
| Weymouth              | 33               | 9,431          | 8,890        | 12             | 552            | 431          |
| Windsor               | 32               | 19,049         | 17,737       | 14             | 3,818          | 2,505        |
| Yarmouth              | 163              | 4,547          | 4,347        | 50             | 9,377          | 4,596        |
|                       | 1,369            | 136,809        | 123,228      | 596            | 55,290         | 34,872       |
| <i>Ontario.</i>       |                  |                |              |                |                |              |
| Amherstburg           | 7                | 1,740          | 1,706        | 10             | 1,201          | 615          |
| Belleville            | 3                | 241            | 217          | 11             | 241            | 144          |
| Bowmanville           | 2                | 314            | 316          |                |                |              |
| Brockville            | 1                | 819            | 751          | 18             | 1,346          | 895          |
| Chatham               | 4                | 506            | 556          | 8              | 339            | 226          |
| Colourg               |                  |                |              |                |                |              |
| Collingwood           | 5                | 1,122          | 1,122        | 52             | 16,103         | 10,800       |
| Corwall               |                  |                |              | 4              | 123            | 75           |
| Deseronto             | 5                | 403            | 370          | 6              | 144            | 81           |
| Dunnville             | 1                | 87             | 57           |                |                |              |
| Fort William          | 1                | 110            | 413          | 2              | 4,183          | 2,539        |
| Goderich              | 6                | 824            | 824          | 36             | 1,557          | 1,035        |
| Hamilton              | 3                | 807            | 780          | 20             | 9,160          | 5,700        |
| Kenora                | 7                | 580            | 580          | 92             | 3,491          | 2,209        |
| Kingston              | 59               | 8,791          | 7,844        | 116            | 10,595         | 6,244        |
| Lindsay               | 19               | 1,224          | 1,224        | 26             | 626            | 416          |
| Midland               | 7                | 3,681          | 3,166        | 48             | 59,185         | 39,694       |
| Napanee               | 1                | 122            | 122          |                |                |              |
| Oakville              | 1                | 26             | 26           |                |                |              |
| Ottawa                | 131              | 18,742         | 17,808       | 245            | 45,126         | 23,883       |
| Owen Sound            | 6                | 2,007          | 1,717        | 36             | 3,641          | 2,056        |
| Peterboro             | 22               | 1,698          | 1,698        | 57             | 1,258          | 847          |
| Pictou                | 7                | 2,285          | 2,090        | 12             | 4,893          | 3,298        |
| Port Arthur           | 66               | 21,841         | 21,352       | 82             | 31,743         | 19,942       |
| Port Burwell          | 1                | 65             | 65           | 10             | 341            | 193          |
| Port Dover            | 3                | 217            | 217          | 14             | 500            | 327          |
| Port Hope             | 2                | 472            | 472          | 3              | 36             | 27           |
| Port Stanley          |                  |                |              | 26             | 1,122          | 727          |
| Prescott              | 9                | 1,473          | 1,345        | 13             | 2,298          | 1,553        |
| Sarnia                | 11               | 3,547          | 3,288        | 37             | 28,245         | 17,805       |
| Southampton           | 1                | 96             | 50           | 11             | 410            | 278          |
| Sault Ste. Marie      | 40               | 7,951          | 7,663        | 56             | 20,293         | 13,074       |
| St. Catharines        | 23               | 6,092          | 5,505        | 48             | 1,485          | 972          |
| Simcoe                | 2                | 36             | 36           | 2              | 35             | 18           |
| Toronto               | 74               | 15,287         | 13,404       | 300            | 95,605         | 60,472       |
| Wallaceburg           | 2                | 490            | 475          | 9              | 381            | 264          |
| Whitby                |                  |                |              |                |                |              |
| Windsor               | 29               | 3,400          | 3,273        | 21             | 5,215          | 3,115        |
|                       | 561              | 107,439        | 100,541      | 1,425          | 350,321        | 219,524      |

SESSIONAL PAPER No. 21

STATEMENT SHOWING THE NUMBER OF VESSELS AND NUMBER OF TONS ON THE REGISTRY BOOKS OF THE DOMINION OF CANADA, ON DECEMBER 31, 1919—*Concluded.*

| Ports.                       | Sailing Vessels. |                |              | Steam Vessels. |                |              |
|------------------------------|------------------|----------------|--------------|----------------|----------------|--------------|
|                              | No.              | Gross Tonnage. | Net Tonnage. | No.            | Gross Tonnage. | Net Tonnage. |
| <i>Quebec.</i>               |                  |                |              |                |                |              |
| Gaspe.....                   | 16               | 722            | 678          | 1              | 209            | 142          |
| Magdalen Islands.....        | 11               | 458            | 449          | 2              | 149            | 103          |
| Montreal.....                | 283              | 91,833         | 88,258       | 346            | 303,373        | 187,714      |
| Paspebiac.....               | 17               | 287            | 282          | 7              | 210            | 146          |
| Quebec.....                  | 418              | 34,044         | 33,256       | 164            | 30,466         | 16,790       |
| Sorel.....                   | 29               | 10,083         | 9,018        | 46             | 11,803         | 5,588        |
|                              | 774              | 137,427        | 131,941      | 566            | 346,210        | 210,483      |
| <i>British Columbia.</i>     |                  |                |              |                |                |              |
| New Westminster.....         | 116              | 15,181         | 15,162       | 262            | 8,703          | 5,233        |
| Prince Rupert.....           | 5                | 2,218          | 2,128        | 48             | 3,632          | 2,202        |
| Vancouver.....               | 297              | 49,408         | 48,915       | 879            | 131,732        | 81,157       |
| Victoria.....                | 113              | 22,478         | 21,433       | 286            | 53,003         | 31,478       |
|                              | 531              | 89,285         | 87,638       | 1,475          | 197,070        | 120,070      |
| <i>Prince Edward Island.</i> |                  |                |              |                |                |              |
| Charlottetown.....           | 125              | 7,684          | 7,245        | 33             | 7,550          | 3,481        |
| <i>Saskatchewan.</i>         |                  |                |              |                |                |              |
| Prince Albert.....           | 1                | 145            | 145          | 4              | 660            | 384          |
| <i>Manitoba.</i>             |                  |                |              |                |                |              |
| Winnipeg.....                | 16               | 3,373          | 3,373        | 73             | 8,776          | 5,787        |
| <i>Yukon.</i>                |                  |                |              |                |                |              |
| Dawson.....                  |                  |                |              | 6              | 1,755          | 1,133        |

RECAPITULATION.

| Province.             | Sailing Vessels. |                |              | Steam Vessels. |                |              |
|-----------------------|------------------|----------------|--------------|----------------|----------------|--------------|
|                       | No.              | Gross Tonnage. | Net Tonnage. | No.            | Gross Tonnage. | Net Tonnage. |
| New Brunswick.....    | 754              | 33,520         | 32,358       | 264            | 15,108         | 9,692        |
| Nova Scotia.....      | 1,369            | 136,809        | 123,228      | 596            | 55,299         | 34,872       |
| Ontario.....          | 561              | 107,439        | 100,541      | 1,425          | 350,321        | 219,524      |
| Quebec.....           | 774              | 137,427        | 131,941      | 566            | 346,210        | 210,483      |
| British Columbia..... | 531              | 89,285         | 87,638       | 1,475          | 197,070        | 120,070      |
| P. E. Island.....     | 125              | 7,684          | 7,245        | 33             | 7,550          | 3,481        |
| Saskatchewan.....     | 1                | 145            | 145          | 4              | 660            | 384          |
| Manitoba.....         | 16               | 3,373          | 3,373        | 73             | 8,776          | 5,787        |
| Yukon.....            |                  |                |              | 6              | 1,755          | 1,133        |
| Totals.....           | 4,131            | 515,682        | 486,469      | 4,442          | 982,749        | 605,426      |

STATEMENT showing Number of Vessels Removed from the Registry Books of the Dominion of Canada during the Year ended December 31, 1919.

|                                      |     |
|--------------------------------------|-----|
| Sold to foreigners.....              | 57  |
| Wrecked.....                         | 38  |
| Stranded.....                        | 10  |
| Lost.....                            | 12  |
| Broken up.....                       | 264 |
| Abandoned at sea.....                | 10  |
| Collisions.....                      | 4   |
| Foundered.....                       | 27  |
| Burnt.....                           | 12  |
| Transferred to St. John's, Nfld..... | 14  |
| "    Australia.....                  | 1   |
| "    Great Britain.....              | 23  |
| "    Bermuda.....                    | 1   |
| "    British West Indies.....        | 5   |
| Missing.....                         | 5   |
| Registry no longer required.....     | 4   |
| Total.....                           | 487 |

It is estimated that 45,954 men and boys, etc., inclusive of masters, were employed on ships registered in Canada during the year 1919.

## REPORT OF B. H. FRASER, M.I.C.E., CHIEF ENGINEER.

## OFFICE WORK.

|  |       |
|--|-------|
| Total plans for twelve months (April 1 to March 31, 1920)..... | 1,715 |
| Charts received and recorded.....                              | 130   |
| Photographs received and recorded.....                         | 340   |
| Specifications and bills of materials written.....             | 80    |
| Notices to Mariners issued (comprising 216 subjects).....      | 82    |

## PUBLICATIONS.

During the fiscal year 82 Notices to Mariners, covering 216 subjects, were issued.

The following may be especially noted:—

Publication of amendments to Canadian Radiotelegraph regulations with respect to wireless watches to be maintained by ships carrying only one operator; and Notice to all Masters and Shipowners of British vessels regarding wireless requirements.

Notice regarding the retention of armament on ships of Canadian register.

Improvements of channels by dredging done by the Department of Public Works were described.

Hydrographic notes were published; also Regulations for Pilotage in British Columbia.

Notices relating to waters outside of Canada were issued covering items relating to Newfoundland, Atlantic and Pacific waters of the United States, Panama canal, Roumania, as well as notices relating to transatlantic and trans-pacific subjects.

The annual edition of the "List of Lights and Fog Signals" in three sections, was published; also a new edition of the "List of Buoys, Beacons, etc., on the Pacific Coast of Canada".

## REMOVAL OF OBSTRUCTIONS TO NAVIGATION.

- Halifax..... Removal of wreck in harbour.
- St. Croix river..... The wrecked schooner *Mercedese*, which was a menace to navigation, was removed by the owners.
- St. Clair river..... The tug *Annie Moyles*, wrecked in St. Clair river, was removed by the Reid Wrecking Co., for the owners.
- Port Dover, Ont.... The tug *Jim and Tom*, which formed an obstruction in the harbour, was removed by the owners.
- Rainy river..... The tug *Ethel Banning*, which sank alongside of Government wharf, was removed by the owners.

## MAINTENANCE AND REPAIRS TO WHARVES.

The following is a list of wharves where repairs were attended to by this branch:—

*Nova Scotia.*  
Babins Cove  
Bear River  
Westport

*Ontario.*  
Kenora  
Lakoport  
Midland  
Providence Bay  
Rosseau  
Treadwell.

*New Brunswick.*  
Lorneville  
St. John  
St. Martins  
Caraquet

*Quebec.*  
Roberval  
Ste-Cecile du Bic  
St. Thomas de Montmagny  
Sandy Beach  
Ville Marie

*Prince Edward Island.*  
Alberton  
Chapel Point  
Georgetown  
Orwell Cove

*Montreal District.*  
Caughnawaga  
L'Original  
Montebello

*British Columbia.*  
Sidnev.

## SESSIONAL PAPER No. 21

## ICE-BREAKING.

The five year contract with the Great Lakes Transportation Company, to keep the harbours at the head of lake Superior open for navigation until the 17th December in each year and to open them in the spring, as soon as the canal at Sault Ste. Marie is open for navigation, is still in force.

## CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

## NOVA SCOTIA.

| Lightstation.       | Nature of work.   |
|---------------------|---|
| Cape Race.....      | Repairs to tower.   |
| Coffin Island.....  | Provision and installation of a Reliance clock.                       |
| Dartmouth.....      | Agency buildings covered with asbestos for fire protection.           |
| Dartmouth.....      | Repairs to wharf.   |
| Flat point.....     | Installation of a second-hand boiler taken from Cape Fourchu.         |
| Glace bay.....      | Repairs to tower and dwelling.  |
| Halifax.....        | Four 20-ft. superstructures constructed for gas and whistling buoys.  |
| Ingonish South..... | Erection of mast and shed to replace lighthouse destroyed by a storm. |
| Little Hope.....    | Repairs to breakwater, groynes, and slipway.                          |
| Mauger beach.....   | Repairs to breakwater.  |
| Negro island.....   | Repairs to lighthouse.  |
| Negro island.....   | Installation of an improved Reliance clock.                           |
| Pages island.....   | Repairs to boatslip and construction of crib blocks.                  |
| Port Morien.....    | Erection of pole light and provision of an anchor lantern.            |
| Salvages.....       | Repairs to roof of fog-alarm building.                                |
| Sydney bar.....     | Repairs to foundation of lighthouse.                                  |

## NEW BRUNSWICK AGENCY.

## NEW AIDS TO NAVIGATION.

|                   |                      |
|-------------------|----------------------|
| Green island..... | Temporary fog alarm. |
|-------------------|----------------------|

## CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

## NEW BRUNSWICK.

|                          |   |
|--------------------------|---|
| Boars head, N.S.....     | Repairs to road and the building of a protection wall.  |
| Cape d'Or.....           | Construction of a road.   |
| Cape Fourchu.....        | Building diaphone room, installation of diaphone, re-shingling of building, etc.                    |
| Economy, N.S.....        | Provision and installation of Piper pressed lens lantern.   |
| Letite passage.....      | Erection of new fog-alarm building, the steam plant replaced by oil engines and Class "B" diaphone. |
| Machias Seal island..... | Erection of oil-shed, installation of hoist, repairs to tramway, etc.                               |
| Parrsboro.....           | Installation of 1-inch diaphone and oil engines.  |
| Partridge Island.....    | Digging drain and placing concrete block on southern section of tower.                              |
| Peases island, N.S.....  | Installation of new mechanism for lighting apparatus.   |
| Pecks point.....         | Installation of new 3 horse-power engines   |
| Tongue shoal.....        | Installation of Aga lighting system.  |

## CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

## PRINCE EDWARD ISLAND.

|                          |   |
|--------------------------|---|
| Alberton.....            | Re-erection of pole lights to suit conditions of the channel.   |
| Bird rocks.....          | Repairs to the landing wharf.   |
| Brion island.....        | Installation of 55 mm. Diamond burner.  |
| Cape Anguille.....       | Installation of 55 mm. Diamond burner.  |
| Cape Ray.....            | Repairs to road.  |
| Caribou island, N.S..... | Repairs to protection work.   |
| Cocagne, N.B.....        | Pole light moved to a new site, erection of shed and construction of plank walk.  |
| Entry island.....        | New illuminating apparatus and occulting clockwork mechanism installed.   |
| Grand Entry.....         | Erection of mast range lights to replace lights destroyed by storm and provision and installation of lanterns with hoisting gear. |
| Murray harbour.....      | Repairs to protection work.   |
| Pictou bar, N.S.....     | Erection of dwelling.   |
| Pointe Basse.....        | Erection of mast light and shed.  |
| Point Rich.....          | Installation of 55 mm. Diamond burner.  |
| St. Peters island.....   | Repairs to fence.   |
| Shippigan gully.....     | Provision of anchor lantern and hoisting gear.  |

## QUEBEC AGENCY.

## NEW AIDS TO NAVIGATION.

| Lightstation.  | Nature of Work.                                     |
|----------------|---|
| St. Ulric..... | Establishment of a pole light, with anchor lantern. |

## CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

## QUEBEC.

|                                 |   |
|---------------------------------|---|
| Fame point.....                 | Provision and installation of complete 85 mm. installation to replace the Chance installation.                                |
| Heath point.....                | Repairs to outbuildings, tower and provision and installation of 85 mm. installation to replace Chance installation.          |
| Marcelle point.....             | Construction of landing, cutting door in tower, putting anchor bolts from corner posts to wooden crib, etc.                   |
| Miscou island.....              | The steam fog alarm plant replaced by an oil plant.   |
| Moisie.....                     | The back range light moved to new location.   |
| Montmagny.....                  | Erection of an oil shed.  |
| Quebec Agency.....              | Repairs to decking of Departmental wharf.   |
| Riviere a la Martre.....        | Installation of duplicate 10 horse-power oil engines.   |
| Ste. Anne des Monts.....        | Provision and installation of 360° Chance anchor lantern.   |
| South point, Bagot bluff.....   | Repairs to gallery of tower, etc.   |
| Southwest point, Anticosti..... | Repairs to tower.   |
| Table head.....                 | Installation of duplicate 10 horse-power engines, removal of temporary 6 horse-power engines and erection of double dwelling. |
| Upper Traverse.....             | Repairs to pier, and installation of 55 mm. Diamond burner.   |

## CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

## MONTREAL.

|                      |   |
|----------------------|---|
| Cape Madeleine.....  | Protection work to front light foundation.      |
| Ile de Grace.....    | Repairs to lighthouse foundation.               |
| Lachine.....         | Repairs to foundation pier and runway.          |
| Montreal Agency..... | Repairs to scows <i>Adlard</i> and <i>Sarah</i> |
| Sorel.....           | Repairs to fire station on wharf                |
|                      | Five ice buoys altered to approved pattern.     |
|                      | Construction of six 9½ gas and whistling buoys. |
|                      | Construction of gas and whistling buoy.         |
|                      | Construction of 6 bell buoys.                   |
|                      | Construction of 4 whistling buoys.              |
|                      | Placing of electric lights on the wharf.        |

## ONTARIO AGENCY.

## NEW AIDS TO NAVIGATION.

|                      |   |
|----------------------|---|
| Pointe aux Pins..... | Establishment of an unwatched light using Aga system. |
|----------------------|---|

## CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

## ONTARIO.

|                          |  |
|--------------------------|--|
| Amherstburg.....         | Repairs to bank of river on departmental property.                         |
| Bar Point lightship..... | Purchase of drifter <i>C. D. 50</i> and same converted into a lightship.   |
| Bridge island.....       | Wigham light replaced by an automatic gas beacon.                          |
| Cobourg.....             | Converting tower into storehouse by cutting same down and roofing it over. |
| Colchester reef.....     | Repairs to pier.   |
| Davieaux Isd.....        | Installation of mechanical fog bell..                                      |
| Duck rock.....           | Wigham light replaced by an automatic gas beacon.                          |
| Kincardine.....          | Repairs to wall, and alterations and repairs to back tower.                |
| Lionhead.....            | Repairs to tower.  |
| Little Current.....      | Reconstruction of front light.   |
| Owen Sound.....          | Changing the front range light from an oil light to an electric light.     |
| "Parry Sound" Scow.....  | Repairs.   |
| Peter rock.....          | Oil light changed to an unwatched light using the Aga system.              |
| Point Clark.....         | Repairs to dwelling, stable and shed.                                      |
| Pointe aux Pins.....     | Apparatus improved by the installation of 4th order lens.                  |
| Port Burwell.....        | Repairs to main lighthouse tower.  |



SESSIONAL PAPER No. 21

CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

ONTARIO—Continued.

| Lightstation.        | Nature of work.   |
|----------------------|---|
| Prescott.....        | Experimenting with Chanteloupe Clock mechanism as bell striker.<br>Painting and fitting up gasoline boat "Marifiscan"<br>Equipment for fire protection.<br>Construction of superstructure of gas and whistling buoy, and provision of 10" whistle.<br>Construction of two gas and bell superstructures. |
| Rondeau.....         | Construction of superstructure for Prince Edward Island agency.   |
| Thunder cape.....    | The oil range lights replaced by unwatched lights using the Aga system.   |
| Turning rock.....    | Installation of a single oil unit.  |
| Western islands..... | Erection of unwatched beacon using the Aga system.<br>The steam fog alarm plant replaced by oil engines.  |

BRITISH COLUMBIA.

NEW AIDS TO NAVIGATION.

|                     |   |
|---------------------|---|
| Camp point.....     | Establishment of an unwatched beacon using the Aga system.  |
| David point.....    | Erection of wooden slatwork lighted beacon.   |
| Fraser river.....   | Establishment of four sets of range lights to mark the improved channel leading to New Westminster. |
| Genn island.....    | Establishment of an unwatched acetylene beacon.   |
| Kinahan island..... | Establishment of an unwatched acetylene beacon.   |
| Sboal point.....    | Establishment of an electric fog bell.  |

CHANGES AND IMPROVEMENTS IN EXISTING AIDS.

BRITISH COLUMBIA.

|                         |  |
|-------------------------|--|
| Amphitrite point.....   | Installation of an unwatched light.  |
| Beacon rock beacon..... | Re-erection of beacon.   |
| Brockton point.....     | The whole front of departmental property put in good condition.  |
| Dryad point.....        | Erection of a 25-ft. reinforced concrete tower.  |
| Egg island.....         | Repairs to cable, bridge, dwelling, etc.   |
| First Narrows.....      | Protection, work, and provision made for the storage of oil supplies.                                      |
| Frasermouth.....        | Rebuilding lighthouse in a new location.   |
| Masset.....             | Reconstruction of bridge.  |
| North Arm.....          | Aga system installed in the range lights.  |
| Porlier pass.....       | Repairs to towers, boathouse, construction of stairs on the trail, etc.                                    |
| Prince Rupert.....      | Repairs to wharf.  |
| Triple island.....      | Erection of a reinforced concrete tower, fog alarm building and dwelling combined. Work started this year. |
| Victoria agency.....    | Extension to storage shed and completion of the interior of same.  |

COMMISSIONER OF LIGHTS' BRANCH.

REPORT OF J. G. MACPHAIL, B.A., B.Sc., COMMISSIONER OF LIGHTS.

The principal work performed during the fiscal year ended March 31, 1920, has been an extension of the buoy and beacon services, together with the maintenance of lights and other aids to navigation throughout the Dominion, and the maintenance and inspection of public wharves. The operations of this branch are set forth in tabular form in two inclosures.

INCLOSURE No. 1.—Statement by districts, showing the number of lights of the several orders, lightships, lightboats, lightkeepers, fog signals, buoys, submarine bells, etc.

|                            | 1st order lights. | 2nd order lights. | 3rd order lights. | 4th order lights. | 5th order lights. | 6th order lights. | 7th order lights. | Gas beacons. | Pressed lens lights & other minor types. | Catoptric lights. | Electric lights. | Total. | Lightships. | Lightboats. | Lightkeepers. | Diaphanous. | Fog pens and buoys. | Fog horns and trumpets. |
|----------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------|--|-------------------|------------------|--------|-------------|-------------|---------------|-------------|---------------------|-------------------------|
| New Brunswick.....         |                   | 4                 | 3                 | 24                | 20                | 26                | 50                | 1            | 10                                       | 12                | 5                | 167    | 1           | 1           | 162           | 24          | 1                   | 1                       |
| Nova Scotia.....           |                   | 2                 | 8                 | 32                | 16                | 20                | 40                |              | 15                                       | 44                | 5                | 186    |             |             | 171           | 17          | 1                   |                         |
| Prince Edward Island.....  |                   | 6                 | 0                 | 35                | 5                 | 11                | 39                |              | 10                                       | 10                | 6                | 223    |             |             | 154           | 12          | 1                   |                         |
| Quebec.....                |                   | 1                 | 11                | 20                | 11                | 17                | 44                |              | 20                                       | 8                 | 15               | 236    |             | 4           | 157           | 20          | 4                   |                         |
| Hudson bay and strait..... |                   |                   |                   |                   |                   |                   |                   | 6            |  |                   | 10               |        |             |             |               |             |                     |                         |
| Montreal.....              |                   |                   |                   |                   | 7                 | 7                 | 19                | 5            | 26                                       | 157               | 1                | 235    |             |             | 159           |             |                     |                         |
| Prescott.....              |                   |                   | 3                 | 14                | 5                 | 6                 | 19                | 19           | 9  | 9                 |                  | 52     |             |             | 45            | 10          |                     |                         |
| Parry Sound.....           |                   | 5                 | 10                | 23                | 14                | 12                | 53                | 30           | 32                                       | 5                 | 21               | 261    |             | 2           | 145           | 24          |                     |                         |
| Kenora.....                |                   |                   |                   |                   |                   |                   | 3                 |              |  |                   |                  | 9      |             |             |               | 6           |                     |                         |
| Manitoba.....              |                   |                   |                   |                   | 2                 | 4                 | 4                 |              | 1  | 5                 | 1                | 16     |             |             | 10            |             |                     |                         |
| Victoria.....              | 3                 | 1                 | 3                 | 2                 | 2                 | 2                 | 13                | 42           | 2  | 4                 | 15               | 109    | 1           |             | 66            | 19          |                     |                         |
| Prince Rupert.....         | 1                 |                   |                   |                   | 1                 |                   | 3                 | 20           | 2  | 3                 |                  | 44     |             |             | 13            | 5           |                     |                         |
| Total.....                 | 12                | 20                | 49                | 166               | 89                | 101               | 296               | 142          | 131                                      | 491               | 81               | 1,578  | 10          | 1           | 1,120         | 131         | 7                   | 1                       |

|                      | Fog whistles. | Sirens. | Fog bells. | Hand fog horns. | Hand fog bells. | Total fog signals. | Fog signal stations only. | Gas buoys. | Gas and whistle buoys. | Gas and bell buoys. | Whistling buoys. | Bell buoys. | Submarine bell buoys. | Total gas and signal buoys. | Lightship submarine bells. | Total sub. marine bells. | Lighted spar buoys, boats, and dolphins. | Unlighted buoys. | Stacks, bushes and pabbes. | Unlighted dolphins, spindles and beacons. |
|----------------------|---------------|---------|------------|-----------------|-----------------|--------------------|---------------------------|------------|------------------------|---------------------|------------------|-------------|-----------------------|-----------------------------|----------------------------|--------------------------|--|------------------|----------------------------|---|
| New Brunswick.....   | 1             |         | 9          | 25              |                 | 58                 | 7                         | 3          | 13                     | 2                   | 8                | 27          |                       | 55                          | 1                          | 1                        |  | 570              | 432                        | 65  |
| Nova Scotia.....     | 1             |         | 2          | 45              |                 | 96                 | 2                         | 5          | 20                     | 9                   | 16               | 44          | 5                     | 97                          | 1                          | 4                        |  | 1,009            | 123                        | 13  |
| Prince Edward I..... |               | 1       |            | 9               |                 | 23                 |                           | 4          | 4                      | 3                   | 5                | 11          |                       | 27                          |                            |                          |  | 883              | 1,555                      | 6   |
| Quebec.....          | 5             |         |            | 23              | 4               | 58                 | 1                         | 61         |                        | 8                   |                  | 1           | 2                     | 72                          | 3                          | 5                        | 1  | 279              | 140                        | 41  |
| Hudson bay a. str.   |               |         |            |                 |                 |                    |                           |            |                        |                     |                  |             |                       |                             |                            |                          |  |                  |                            |   |
| Montreal.....        |               |         |            |                 |                 |                    |                           | 99         |                        |                     |                  |             |                       | 99                          |                            |                          | 61                                       |                  | 180                        | 198                                       |
| Prescott.....        |               |         | 3          | 5               |                 | 18                 |                           | 37         |                        | 1                   |                  | 1           |                       | 39                          |                            |                          | 1  | 532              |                            | 4   |
| Parry Sound.....     |               | 2       | 4          | 31              |                 | 61                 |                           | 35         | 4                      | 9                   |                  | 2           |                       | 50                          | 1                          | 1                        | 25                                       | 558              | 39                         | 56  |
| Kenora.....          |               |         |            |                 |                 |                    |                           |            |                        |                     |                  |             |                       |                             |                            |                          |  | 392              |                            |   |
| Manitoba.....        |               |         |            | 4               |                 | 4                  |                           |            |                        |                     |                  |             |                       |                             |                            |                          |  | 35               |                            |   |
| Victoria.....        |               |         | 11         | 5               |                 | 35                 | 1                         | 1          | 4                      | 3                   | 2                | 3           |                       | 13                          | 1                          | 1                        | 16                                       | 162              |                            | 87  |
| Prince Rupert.....   |               |         | 3          | 5               |                 | 13                 | 2                         | 2          | 7                      | 2                   |                  |             |                       | 11                          |                            |                          |  | 33               |                            | 25  |
| Total.....           | 9             | 1       | 32         | 149             | 4               | 334                | 13                        | 247        | 52                     | 37                  | 31               | 89          | 5                     | 461                         | 7                          | 12                       | 107                                      | 4,979            | 2,358                      | 495                                       |

SESSIONAL PAPER No. 21

INCLOSURE No. 2.—Statement, by localities, giving the number of unlighted buoys, stakes, bushes, balises, dolphins, spindles and beacons maintained throughout the Dominion during the fiscal year ended March 31, 1920.

NEW BRUNSWICK DISTRICT.

| Locality and number of stakes, bushes, etc.        | No. of buoys. | Locality and number of stakes, bushes, etc. | No. of buoys. |
|--|---------------|---|---------------|
| Advocate harbour, N.S.                             | 8             | Lorneville, N.B.                            | 1             |
| Alma, Little Salmon river, N.B.                    | 3             | Magaguadavic, N.B.                          | 13            |
| Amherst basin approaches, N.S.                     | 4             | Man'O'War rock, L'Etang harbour, N.B.       | 2             |
| Apple river, N.S.                                  | 8             | Maquapit and French lakes, N.B., 57 stakes  | 13            |
| Argyle river and sound, N.S.                       | 10            | Mink island, L'Etang harbour, N.B.          | 1             |
| Avon river, N.S.                                   | 4             | Musquash, N.B.                              | 7             |
| Bear river, N.S.                                   | 7             | Old Man rock, N.S.                          | 1             |
| Beaver harbour, N.B.                               | 4             | Old Woman rock, N.S.                        | 1             |
| Big Duck island, Grand Manan                       | 1             | Owls head, N.S.                             | 1             |
| Blacks harbour, N.B.                               | 3             | Ox head ledges, N.B.                        | 3             |
| Bliss island, N.B.                                 | 1             | Parrsboro, N.S.                             | 6             |
| Buck rock, Grand Manan                             | 1             | Pea point, L'Etang harbour, N.B.            | 1             |
| Calf island bay, N.S.                              | 5             | Pease island, N.S.                          | 1             |
| Campobello, N.B.                                   | 10            | Petitecodiac river                          | 12            |
| Chambers rock, N.B.                                | 1             | Pubnico, N.S.                               | 21            |
| Chamcook harbour entrance, N.B.                    | 1             | Quaco, N.B.                                 | 1             |
| Chance harbour, N.B.                               | 2             | Roaring Bull rock, N.S.                     | 1             |
| Cheboque, N.S.                                     | 1             | Robinson's ball station, Wood harbour, N.S. | 2             |
| Clark harbour, N.S.                                | 18            | St. Andrews, N.B., 2 beacons, 3 stakes      | 17            |
| Coekerritt pass and Woods Harbour, N.S., 1 spindle | 18            | St. Croix, N.B.                             | 3             |
| Cumberland basin, N.S.                             | 2             | St. John Harbour, N.B.                      | 3             |
| Deadman's head, L'Etang harbour, N.B.              | 1             | St. John river, N.B., 150 stakes            | 84            |
| Digby and Annapolis, N.S.                          | 17            | Salmon river, N.B., bushing                 | 15            |
| Digdequash, N.B.                                   | 6             | Schooner rock, N.S.                         | 1             |
| Dipper harbour, N.B.                               | 5             | Scotchtown, N.B.                            | 1             |
| Dochet island, St. Croix river                     | 1             | Shag harbour, N.S.                          | 17            |
| Freeport, N.S., 1 beacon                           | 3             | Shampiers wharf, N.B., 15 stakes            | 2             |
| Goose bay, N.S., 35 stakes                         | 8             | Shulee, N.S.                                | 8             |
| Grand lake, N.B., bushes                           | 32            | Stay point, Lepreau river                   | 1             |
| Grand Manan, bay of Fundy, 13 spindles, 1 beacon   | 17            | Tusket river, N.S.                          | 9             |
| Grand passage, N.S., 2 spindles                    | 6             | Tusket Wedge, N.S., 3 spindles              | 17            |
| Grassy island, St. John river, 18 stakes           | 7             | Tynemouth creek, N.B.                       | 4             |
| Gull ledges, N.S.                                  | 1             | Walton harbour, N.S.                        | 1             |
| Hatfield point, St. John river, bushes             | 1             | Washadamoak lake, N.B., 144 bushes          | 2             |
| Indian point bar channel, Grand lake, 10 stakes    | 3             | Wavey river, N.B.                           | 2             |
| Johns ledge, N.S.                                  | 1             | West isles, N.B., 4 spindles                | 23            |
| Letite, L'Etang and Bliss harbour, N.B.            | 14            | Weymouth, N.S.                              | 20            |
|  |               | Yarmouth, N.S., 38 dolphins                 | 7             |

NOVA SCOTIA DISTRICT.

|  |    |  |    |
|--|----|--|----|
| Aricbat, West Aricbat and Janvrin, C.B.              | 19 | Guysborough, N.S.                                  | 5  |
| Barrington, N.S., 11 dolphins                        | 44 | Habitants bay, C.B.                                | 4  |
| Beaver harbour, N.S.                                 | 9  | Halifax, N.S.                                      | 20 |
| Beaver island, Nova Scotia, southeast coast          | 1  | Harrigan cove, N.S.                                | 3  |
| Beaver narrows, C.B.                                 | 2  | Hautfond shoal, off cape Hogan, C.B.               | 1  |
| Big Lorraine (Lorembec harbour), C.B.                | 3  | Indian harbour, N.S.                               | 4  |
| Birchtown, N.S.                                      | 5  | Ingonish, South Bay, C.B.                          | 9  |
| Black rock shoal, off Dover, N.S.                    | 1  | Isaac harbour, N.S., 9 winter buoys                | 13 |
| Blandford, N.S.                                      | 5  | Jauvrin shoal, entrance to Strait of Canso         | 1  |
| Boulaacet, Gillies point, C.B.                       | 1  | Jeddore, N.S., winter buoys                        | 11 |
| Bull rock, off cape Moeodome, 1 winter spar          |    | Johnson harbour, C.B.                              | 5  |
| Canso and St. Andrews passage, N.S., 20 winter buoys | 30 | Ketch harbour, N.S.                                | 6  |
| Canso harbour entrance, N.S., 1 winter spar          | 3  | Kieley cove, Blind bay, N.S.                       | 4  |
| Cape Negro and Northeast harbour, N.S.               | 17 | Lahave, N.S.                                       | 9  |
| Chester and Gold river, N.S.                         | 28 | Lahave river, N.S.                                 | 6  |
| Chezetcook and Petpeswick, N.S.                      | 10 | L'Ardoise, C.B.                                    | 5  |
| Christmas island and Barra strait, C.B.              | 11 | Larry river, N.S., 7 stakes                        | 3  |
| Clyde river, N.S.                                    | 5  | Liscomb, N.S., winter spars                        | 7  |
| Coddle harbour, N.S.                                 | 6  | Little Bras d'Or harbour, C.B.                     | 12 |
| Cooks cove (Toby cove), N.S.                         | 4  | Little Dover, N.S.                                 | 9  |
| Country Harbour, N.S.                                | 1  | Little Liscomb harbour, N.S.                       | 4  |
| Crow harbour, N.S.                                   | 3  | Little Lorembec (Little Lorraine), C.B.            | 5  |
| Denny river, C.B.                                    | 3  | Little narrows, C.B.                               | 10 |
| Descousse and Lennox passage, C.B., 5 winter buoys   | 29 | Liverpool, N.S.                                    | 10 |
| Devereaux shoal, off Betty island, N.S.              | 1  | Lockeport, N.S.                                    | 14 |
| Dover, N.S.  | 7  | Louisburg, C.B., 6 winter buoys                    | 8  |
| East Bay, Bras d'Or, C.B.                            | 5  | Lunenburg, N.S.                                    | 8  |
| East Dover, N.S.                                     | 3  | Lunenburg, back cove, N.S.                         | 9  |
| Eskasoni, C.B.                                       | 6  | Lunenburg, middle south, N.S., 7 winter buoys      | 16 |
| Fourchu harbour, C.B.                                | 15 | Mahone bay, N.S., 1 beacon                         | 12 |
| Gannet shoal, entrance to Dover harbour, N.S.        | 1  | Main a dieu, C.B.                                  | 5  |
| Gegogin, N.S.  | 7  | Marble mountain, C.B.                              | 5  |
| Glace Bay, C.B.                                      | 6  | Marie Joseph and Ecum Secum, N.S., 11 winter buoys | 16 |
| Great Bras d'Or, C.B.                                | 7  | Martins brook, N.S.                                | 6  |

## INCLOSURE No. 2.—Statement, by localities, of unlighted buoys, etc.—Continued.

## NOVA SCOTIA DISTRICT—Concluded.

| Locality and number of stakes, bushes, etc.                              | No. of Buoys. | Locality and number of stakes, bushes, etc.               | No. of Buoys. |
|--|---------------|---|---------------|
| McKinnon harbour, C.B.   | 6             | St. Mary river to Sherbrooke, N.S.                        | 18            |
| McNab cove, C.B.   | 2             | St. Peter bay, C.B., 4 winter buoys                       | 16            |
| McVarish shoal and Campbell point, Bras d'Or, C.B.                       | 4             | St. Peter inlet, C.B.                                     | 12            |
| Middle ledge or South Easter, entrance to Country harbour, 1 winter spar | 1             | Sambro, N.S.  | 29            |
| Monsiller passage, C.B., 4 stakes  | 6             | Sand point, entrance to Strait of Canso                   | 1             |
| Musquodoboit, N.S.   | 15            | Shad bay, N.S.  | 8             |
| New harbour, N.S., 1 winter spar   | 3             | Shag bay, N.S.  | 9             |
| Orangedale, C.B.   | 1             | Sheet harbour, N.S., 5 winter buoys                       | 9             |
| Orpheus, off Green island, N.S.  | 1             | Shelburne, N.S., 3 winter spars                           | 9             |
| Pennant harbour, N.S.  | 11            | Ship harbour, lower, N.S., 6 winter buoys                 | 11            |
| Petitdegrat, C.B., 6 winter buoys  | 18            | Slaughenwhite ledge, Hubbard cove, N.S.                   | 1             |
| Petpeswick inlet, N.S.   | 1             | Smith island, West bay, C.B.                              | 1             |
| Pollock shoal, off West Ironbound island, N.S.                           | 4             | Sober island, West bay, N.S.                              | 22            |
| Pope harbour, N.S.   | 5             | Southwest Bull, off Whitehead island, N.S., 1 winter spar | 6             |
| Port Biekerton, N.S., 3 winter buoys                                     | 5             | Spry Bay, N.S.  | 6             |
| Port Felix, N.S., 1 staff  | 11            | Stoney island, Baddeck, C.B.                              | 1             |
| Port Latour, N.S., 1 spindle   | 13            | Strait of Canso, N.S.                                     | 1             |
| Port L'Hebert, N.S.  | 13            | Sydney harbour, C.B.                                      | 6             |
| Port Medway, N.S.  | 6             | Tancook island, N.S.                                      | 3             |
| Port Morien, C.B.  | 9             | Tanger, N.S.  | 7             |
| Port Mouton, N.S.  | 1             | Terrence Bay, N.S.  | 3             |
| Pringle harbour, C.B.  | 6             | Three Fathom Harbour, N.S.                                | 5             |
| Prospect, Lower, N.S.  | 10            | Tor Bay, N.S.   | 21            |
| Prospect, Upper, N.S.  | 3             | Voglers Cove, N.S.  | 6             |
| Ram rock, Jordan bay, N.S.   | 1             | Walkerville, C.B.   | 2             |
| River Bourgeois, C.B.  | 6             | Washaback river, C.B.                                     | 7             |
| Rose bay, lower, N.S.  | 5             | West Bay, C.B.  | 5             |
| Roseway, N.S.  | 6             | West Chazetecook, N.S.                                    | 7             |
| St. Ann, C.B.  | 12            | West Dublin, N.S.   | 12            |
| St. Margaret bay, N.S.   | 6             | Whitehaven, N.S., 5 winter buoys                          | 8             |
| St. Mary river, N.S., winter buoys                                       | 11            | Whyecoomagh, C.B.   | 4             |

## PRINCE EDWARD ISLAND DISTRICT.

|  |    |   |    |
|--|----|---|----|
| Aldouane, N.B., 42 bushes                                      | 5  | Harbour au Bouche, N.S., 6 stakes                           | 4  |
| Amherst harbour, Magdalen islands                              | 8  | House Harbour, Magdalen islands                             | 11 |
| Baie du Vin, Huekberry gully and channel, N.B., 44 bushes      | 18 | Jourmain shoal, N.B.  | 2  |
| Baie Verte and Port Elgin, N.B., 30 stakes                     | 6  | Judique, C. B.  | 1  |
| Barbilob and Black rivers, N.B., 12 bushes                     | 1  | Kouchibouguac and Black Lands gully, N.B., 150 bushes       | 15 |
| Bay Fortune, P.E.I.  | 3  | Little channel, P.E.I.                                      | 3  |
| Beach Point, P.E.I.  | 3  | Little Shemogue, N.B., 2 poles                              | 5  |
| Belle River, P.E.I.  | 3  | Mabou, C.B., stakes   | 20 |
| Black Brook, Miramichi River                                   | 3  | Malpeque and Darnley, P.E.I., 2 stakes                      | 23 |
| Brae harbour, P.E.I.   | 5  | Margaree harbour, C.B., 7 stakes                            | 3  |
| Brudenell river, P.E.I.  | 5  | Merigomish, N.S.  | 6  |
| Brule, N.S.  | 9  | Miminegash, P.E.I.  | 6  |
| Buetouche, N.B., 34 stakes                                     | 22 | Miramichi bay and river, 12 bushes, 12 winter spars         | 38 |
| Buetouche river, N.B., 260 bushes                              | 1  | Miramichi bay, Grandoon channel                             | 20 |
| Cape Jack ledges, N.S.   | 7  | Miramichi river, northwest branch                           | 14 |
| Cardigan, Lower, P.E.I., 2 winter buoys                        | 20 | Miramichi river, southwest branch                           | 9  |
| Cardigan, Upper, P.E.I.  | 6  | Miscouche, P.E.I.   | 1  |
| Caribou, N.S.  | 15 | Montague river, P.E.I., 10 stakes                           | 7  |
| Casumpique, P.E.I., 14 stakes                                  | 8  | Murray Harbour and rivers, P.E.I., 25 stakes, 1 winter spar | 32 |
| Charlottetown, P.E.I.  | 14 | Napan river, N.B., 24 stakes                                | 3  |
| Cheticamp, N.S.  | 3  | Neguae, N.B.  | 19 |
| Chinney Corner, C.B.   | 11 | New London-French river, P.E.I., 5 stakes                   | 8  |
| Cocazne, N.B., 30 stakes                                       | 3  | Northport, N.S.   | 12 |
| Covehead, P.E.I.   | 11 | North river, P.E.I., 14 stakes                              | 3  |
| Crapaud, P.E.I., stakes  | 14 | Orwell and Vernon rivers, P.E.I., 36 bushes, 4 beacons      | 3  |
| East river, P.E.I., 15 stakes, 8 bushes                        | 9  | Pietou, N.S.  | 7  |
| Egmont bay, north, P.E.I., 19 stakes                           | 3  | Pinette, P.E.I., 24 bushes                                  | 5  |
| Egmont bay, south, P.E.I., 13 stakes                           | 6  | Pokemouche, N.B., bushes                                    | 6  |
| Entry island and Amherst island passage (Magdalen islands)     | 19 | Port Hill, P.E.I.   | 12 |
| Georgetown and St. Marys bay, P.E.I., 3 winter spars           | 5  | Port Hood, C.B., 2 winter buoys                             | 5  |
| Goose and Palmer Harbours, P.E.I.                              | 17 | Pownall, P.E.I., 10 stakes                                  | 9  |
| Grand Entry, Magdalen islands                                  | 4  | Pugwash, N.S.   | 8  |
| Grand Etang, C. B.   | 2  | Richibucto, N.B.  | 35 |
| Grandigue, N.B., 30 stakes, 20 bushes                          | 12 | Richibucto river, Rexton & Browns yard, N.B.                | 30 |
| Grand river (Boughton river), P.E.I., 72 bush stakes, 1 beacon | 8  | Rifleman reef, P.E.I.                                       | 1  |
| Grand river, off Cape sixteen, Malpeque bay, P. E.I.           | 4  | River John, N.S., stakes                                    | 3  |
| Grand Tracadie, P.E.I.   | 9  | River Phillip, N.S.   | 6  |
| Great Shemogue, N.B.   | 4  | Rollo Bay, P.E.I.   | 3  |
| Grindstone reef, Magdalen islands                              | 1  | Rustico, P.E.I., 30 stakes                                  | 6  |
|  |    | St. Charles river, N.B., 60 bushes                          | 1  |

SESSIONAL PAPER No. 21

INCLOSURE No. 2.—Statement, by localities, of unlighted buoys, etc.—Continued.

PRINCE EDWARD ISLAND DISTRICT—Concluded.

| Locality and number of stakes, bushes, etc.   | No. of Buoys. | Locality and number of stakes, bushes, etc.  | No. of Buoys. |
|---|---------------|--|---------------|
| St. Louis, N.B., 70 bushes.....   | 9             | Summerside, P.E.I., 10 stakes.....           | 10            |
| St. Louis river, N.B., 54 bushes and stakes.....                                      |               | Tabusintac, N.B.....                         | 20            |
| St. Peter harbour, P.E.I., 6 stakes.....  | 5             | Tatamagouche, N.S., 46 stakes.....           | 18            |
| Sandy Hook, Magdalen islands.....   | 1             | Tidnish, N.S., stakes.....                   | 5             |
| Savage harbour, P.E.I.....  | 2             | Tracadie, north gully, N.B., 100 bushes..... | 12            |
| Shediac, N.B.....   | 19            | Tracadie, south gully, N.B., 30 bushes.....  | 5             |
| Shippigan, N.B., 27 pickets, 30 stakes, 1 beacon.....                                 | 27            | Wallace, N.S., 33 stakes.....                | 11            |
| Souris, P.E.I.....  | 4             | West Point, P.E.I.....                       | 4             |
| Stanley and Bayfield channel, Southwest river, Clifton bridge, P.E.I., 14 stakes..... | 9             | West river, P.E.I., 65 stakes.....           | 8             |
|   |               | Wood Island, P.E.I.....                      | 4             |

QUEBEC DISTRICT.

|  |    |  |     |
|--|----|--|-----|
| Anse a Beaufile, P.Q.....                                    | 1  | New Richmond, P.Q.....   | 3   |
| Anse aux Gascons, P.Q.....                                   | 1  | North channel, Orleans island, P.Q.....                                    | 13  |
| Barachois de Malbaie, P.Q.....                               | 1  | Nouvelle roads, P.Q.....   | 2   |
| Bathurst, N.B.....   | 31 | Paspebiac, P.Q.....  | 1   |
| Beaudry shoal, Gaspé basin, P.Q.....                         | 1  | Perce, P.Q.....  | 2   |
| Beauport, P.Q.....   | 3  | Petit Rocher, N.B.....   | 1   |
| Bonaventure, P.Q.....  | 11 | Point St. Peter, P.Q.....  | 1   |
| Cap Chat, P.Q.....   | 1  | Port Daniel, P.Q.....  | 1   |
| Cape Cove, P.Q.....  | 1  | Portneuf-en-Bas, P.Q.....  | 9   |
| Cape d'Espoir, P.Q.....                                      | 1  | Restigouche river and Chaleur bay.....                                     | 22  |
| Caraquet, N.B.....   | 16 | River St. Lawrence, 33 beacons, 8 spindles, 7 steel winter spar buoys..... | 31  |
| Caraquet to Mizonette, N.B.....                              | 3  | St. Anne river, P.Q.....   | 1   |
| Carleton point, P.Q.....                                     | 1  | St. Godfroy, P.Q.....  | 1   |
| Echourie rock Serpent reef, P.Q.....                         | 1  | St. Michel de Bellechasse, P.Q.....  | 4   |
| Fox river, P.Q.....  | 1  | St. Simon bay, N.B., 15 stakes.....  | 6   |
| Grande Anse, N.B.....  | 4  | St. Thomas de Montmagny, P.Q.....  | 8   |
| Gros-cap-aux Os, P.Q.....                                    | 1  | Saguenay river, vicinity of Chicoutimi, P.Q.....                           | 35  |
| Lake St. John, Ashuapmouhouan river, 30 balises.....         | 7  | Ottawa river district.....   | 85  |
| Lake St. John, Mistassin river, 60 balises.....              | 12 | Richelieu rapids, bushes.....  |     |
| Lake St. John, Peribonka river and Roberval, 35 balises..... | 16 | Richelieu river.....   | 65  |
| Little River East, P.Q.....                                  | 1  | Rideau river, 70 unlighted floats.....                                     |     |
| Little River West, P.Q.....                                  | 1  | River St. Lawrence, 10 balises.....  | 291 |
| Little Shippigan (Miscou gully), N.B.....                    | 4  | Riviere des Prairies, P.Q.....   | 11  |
| Maria, P.Q.....  | 2  | St. Francis river, P.Q., 80 balises, 12 day beacons.....                   |     |
| Matane, P.Q.....   | 2  | St. Maurice river, Grandes Piles to Latuque, P.Q., 106 day beacons.....    | 74  |
| Miscou, N.B.....   | 8  | Yamachiche river, P.Q., 30 balises, 4 day beacons.....                     |     |
| Moise river, P.Q.....  | 2  | Yamaska river, P.Q., 60 balises, 6 day beacons.....                        |     |
| Natashkwan, P.Q.....   | 4  |  |     |

PRESCOTT DISTRICT.

|   |    |   |     |
|---|----|---|-----|
| Bay of Quinte.....                                | 15 | Murray canal and Presqu'île bay.....  | 19  |
| Kingston.....                                     | 9  | Napanee river.....  | 14  |
| Lake Ontario, Melville shoal.....                 | 1  | Pictou harbour.....   | 6   |
| Lake Ontario, N.E. of Snake island.....           | 1  | River St. Lawrence, 4 beacons.....  | 91  |
| Lake Ontario, S.E. end of Snake island shoal..... | 1  | Telegraph narrows.....  | 8   |
| Lake Ontario, S.W. end Snake island shoal.....    | 1  | Trent canal (maintained for this Department by Department of Railways and Canals..... | 317 |
| Lake Ontario, off Long point, Wolfe island.....   | 1  | Trenton.....  | 13  |
| Lake Ontario, E. of Presqu'île light.....         | 1  | Whitby.....   | 5   |
| Lake St. Francis.....                             | 29 |   |     |

PARRY SOUND DISTRICT.

|  |    |  |    |
|--|----|--|----|
| Ann Long bank, Georgian bay.....                           | 1  | Dawson rock, Georgian bay.....                 | 1  |
| Bar point, Georgian bay.....                               | 1  | Detroit river.....                             | 30 |
| Bad Neighbour shoal, Georgian bay entrance.....            | 1  | Fitzroy Harbour, Ont.....                      | 14 |
| Bernard rock, Georgian bay.....                            | 1  | Fort William, lake Superior.....               | 15 |
| Blind River, North channel, lake Huron.....                | 6  | Goderich, lake Huron.....                      | 7  |
| Burke shoal, lake Superior.....                            | 1  | Jackson shoal, Georgian bay.....               | 2  |
| Byng inlet channel, Georgian bay, 6 beacons.....           | 27 | Kennedy bank, Georgian bay.....                | 1  |
| Cache Bay, lake Nipissing, 8 stakes.....                   | 11 | Key Harbour, Georgian bay, 6 beacons.....      | 24 |
| Campana shoal, Georgian bay.....                           | 1  | Killarney harbour, Georgian bay.....           | 3  |
| Campbell rock, Georgian bay.....                           | 1  | Lake Couchiching and narrows, 11 bushes.....   | 8  |
| Cape Hurd, lake Huron.....                                 | 3  | Lake Simcoe.....                               | 5  |
| Clapperton channel, North channel, lake Huron, beacon..... | 1  | Lake Superior, southeastern part.....          | 7  |
| Cloud Bay, lake Superior.....                              | 2  | Lionshead harbour, Georgian bay.....           | 1  |
| Collingwood, Georgian bay.....                             | 13 | Little Current, North channel, lake Huron..... | 27 |
|  |    | Mary Ward ledges, Georgian bay.....            | 3  |

INCLOSURE No. 2.—Statement, by localities, of unlighted buoys, etc.—*Concluded.*PARRY SOUND DISTRICT—*Concluded.*

| Locality and number of stakes, bushes, etc.                      | No. of Buoys. | Locality and number of stakes, bushes, etc.                   | No. of Buoys. |
|--|---------------|---|---------------|
| Meaford harbour, Georgian bay...                                 | 3             | River St. Clair, middleground.....                            | 1             |
| Michipicooten island (Quebec harbour) lake Superior.....         | 6             | River St. Mary and southeastern part of lake Superior.....    | 32            |
| Midland and Victoria Harbours, Georgian bay.....                 | 5             | River Thames, lake St. Clair.....                             | 7             |
| Morden rock, Georgian bay.....                                   | 1             | Rondeau, lake Erie.....                                       | 6             |
| Mutton island, lake Superior.....                                | 1             | St. Joseph channel, lake Huron, 1 beacon, 5 winter buoys..... | 25            |
| Northeast shingle, Georgian bay.....                             | 1             | Shebeshekong channel, Georgian bay, 22 day beacons.....       | 2             |
| Ottawa river, above Pembroke, Ont.....                           | 30            | Silver islet, lake Superior.....                              | 7             |
| Owen Sound channel, Georgian bay.....                            | 4             | Southampton, lake Huron.....                                  | 4             |
| Parry Sound ship channel, 2 beacons.....                         | 20            | South Baymouth, lake Huron.....                               | 6             |
| Parry Sound to Penetang, inner channel, Georgian bay.....        | 63            | Stokes bay, lake Huron.....                                   | 5             |
| Pointe au Baril and Kennedy shoal, Georgian bay, 15 beacons..... | 3             | Sturgeon river, 20 stakes.....                                | 3             |
| Point Pelee, lake Erie.....                                      | 2             | Victoria island, lake Superior.....                           | 53            |
| Port Arthur, lake Superior.....                                  | 21            | Waubauskene.....  | 5             |
| Port McNicholl, Georgian bay.....                                | 2             | Waburo channel, Georgian bay, 3 beacons.....                  | 4             |
| Port Rowan, lake Erie.....                                       | 10            | Wingfield Basin, Georgian bay.....                            |               |
| River St. Clair, chenal Echerte.....                             | 1             |   |               |

## KENORA DISTRICT.

|                                 |     |  |    |
|---------------------------------|-----|--|----|
| Lake of the Woods.....          | 270 | Wabigoon lake.....                       | 27 |
| Rainy lake and Rainy river..... | 58  | Winnipeg river, White Dog to Kenora..... | 20 |
| Shoal lake.....                 | 17  |  |    |

## MANITOBA DISTRICT.

|                                 |    |                                     |    |
|---------------------------------|----|-------------------------------------|----|
| Black river, lake Winnipeg..... | 6  | Warrens landing, lake Winnipeg..... | 12 |
| Red river.....                  | 17 |                                     |    |

## VICTORIA DISTRICT.

|   |    |  |    |
|---|----|--|----|
| Active pass, 1 beacon.....                            |    | Malaspina strait, 4 beacons.....                                       | 1  |
| Alberni canal, 1 pile dolphin.....                    |    | Mist rock, west coast Vancouver island, 1 day beacon.....              |    |
| Arrow lakes.....                                      | 16 | Mud bay, Serpentine and Nicomeek's rivers, 3 beacons, 27 dolphins..... | 13 |
| Barkley sound, 1 beacon.....                          | 7  | Nanaimo.....   | 2  |
| Baynes sound, 1 pile dolphin.....                     | 1  | Okissolla channel, 3 beacons.....                                      | 9  |
| Berghs cove, Quatsino arm.....                        | 1  | Pender island channel.....   | 2  |
| Broughton strait.....                                 | 1  | Pitt river.....  | 1  |
| Bull rock, west coast Vancouver island, 1 beacon..... | 4  | Porlier pass.....  | 1  |
| Burrard inlet, 1 beacon.....                          | 4  | Prevost channel.....   | 1  |
| Clayoquot bar, Clayoquot.....                         | 9  | Saanich arm.....   | 1  |
| Clayoquot sound, 3 beacons.....                       | 2  | Saanich inlet, 1 spindle, 3 beacons.....                               | 1  |
| Colburae passage, Colburne channel.....               | 1  | Satellite channel, 1 beacon.....                                       | 1  |
| Courtenay river, 12 pile dolphins.....                | 4  | Shushartie bay, 1 day beacon.....                                      | 1  |
| Discovery passage.....                                | 35 | Slute passage.....   | 6  |
| Esquimault harbour, 1 beacon.....                     | 2  | Sidney channel, 1 beacon.....  | 6  |
| Fraser river.....                                     | 14 | Stuart channel, 4 beacons, 1 pile dolphin.....                         | 2  |
| Ganges harbour.....                                   | 2  | Sutil channel, 1 pile dolphin.....                                     | 3  |
| Georgia strait, 2 beacons, range day marks.....       | 2  | Trincomali channel, 3 beacons.....                                     | 1  |
| Haro strait, 1 beacon.....                            | 1  | Uchelet harbour.....   | 2  |
| Johnstone strait, 4 beacons.....                      | 1  | Victoria harbour, 2 beacons.....                                       |    |
| Juan de Fuca strait.....                              | 1  |  |    |
| Kokshittle arm, Kyoquot arm.....                      | 7  |  |    |
| Kootenay lake, northwest arm.....                     |    |  |    |

## PRINCE RUPERT DISTRICT.

|  |   |  |   |
|--|---|--|---|
| Chatham sound, 1 beacon.....   | 5 | Porpoise harbour.....                                      | 6 |
| Finlayson channel, Grenville channel and connecting waters, 4 beacons..... | 1 | Prince Rupert harbour, 1 beacon.....                       | 2 |
| Fisher channel, Lama passage and Seaforth channel, 6 beacons.....          | 1 | Prince Rupert harbour, (Venn passage).....                 | 5 |
| Metlakatla harbour.....  | 4 | Queen Charlotte islands, 4 beacons.....                    | 1 |
| Observatory inlet, 3 beacons.....  | 3 | Queen Charlotte sound and connecting waters, 1 beacon..... |   |
|  |   | Skeena river and passages, 5 beacons.....                  | 2 |

RIVER ST. LAWRENCE SHIP CHANNEL.

REPORT OF V. W. FORNERET, B.A. SC., SUPERINTENDING ENGINEER.

GENERAL INFORMATION.

The ship channel of the river St. Lawrence between Montreal and Father Point, has a total length of 340 statute miles.

The contracted part of the river, which may be properly called "Ship Channel" commences at "The Traverse" (South channel) to which point from Montreal, the distance is 220 miles. This is divided into five divisions as follows:—

|  |                   |
|--|-------------------|
| Division 1—Montreal to Sorel .....                           | 45 statute miles. |
| " 2—Sorel to Batiscan (does not include lake St. Peter)..... | 36 "              |
| " 3—Lake St. Peter.....                                      | 20 "              |
| " 4—Batiscan to Quebec.....                                  | 59 "              |
| " 5—Quebec to The Traverse.....                              | 60 "              |
| Total.....   | 220 "             |

The dredging operations for the season of 1919 were again very limited, owing to existing conditions, and as in the previous season, only day crews were placed on the dredges. This naturally made a great difference with the results obtained during the season as compared with other seasons, when the operations were carried on day and night, and a larger number of vessels in commission.

DREDGING OPERATIONS DURING SEASON 1919.

*Division 1—Montreal to Sorel.*

*Longueuil Curve (Montreal Harbour).*—Some work was done on this curve during the season of 1919. One dredge worked for a short time at the commencement of the season and another at the end.

The dredging consisted of widening the curve on the north side to a width of 850 feet, and deepening the channel to 35 feet at E.L.W. of 1897. The material being hardpan, stones, boulders and some shale rock.

The total number of cubic yards removed amounted to 52,295.

*Varenes Curve.*—One dredge worked for a short time in the spring, on Varenes curve, deepening the channel to 35 feet at E.L.W. of 1897. The material dredged consisted of clay.

The number of cubic yards removed amounted to 53,200.

*Vercheres Traverse.*—Considerable work was done on Vercheres traverse, in connection with the deepening of the channel to 35 feet at E.L.W. of 1897. One dredge was kept at work nearly all season and good progress was made, there remaining very little to be done to complete the 35 dredging on this part of the channel.

The number of cubic yards removed amounted to 164,750. the material consisting of clay.

*Division II.—Sorel to Batiscan.*

*Champlain Channel.*—This channel was thoroughly swept for 30 feet at E.L.W., by the sweeping steamer early in the season, and sand bars were found to have again formed between Pointe Citrouille and the lower half of Champlain channel.

One dredge was detailed for this special work, and was occupied removing these bars most of the season.

This is the only point in the ship channel between Montreal and Quebec, where filling in of any importance occurs.

The number of cubic yards removed amounted to 55,800.

*Division III.—Lake (St. Peter).*

No work was done in this Division during the season of 1919.

*Division IV.—Batiscan to Quebec.*

*Cap à la Roche Curve.*—Considerable work was accomplished at Cap à la Roche, where the widening on the north side of the channel (upper part of the curve) was completed.

This now gives a width of 500 to 550 feet instead of 300 to 400 as formerly.

This widening was also deepened to 30 feet at extreme low water of 1897, which is  $4\frac{1}{2}$  feet more than  $27\frac{1}{2}$  feet at ordinary low water, the present depth available in the Cap à la Roche channel.

On account of the uncompleted south half of the channel to 30 feet at E.L.W., it could only be opened to  $27\frac{1}{2}$  feet at O.L.W.

In order to give the vessels the full advantage of the increased width as soon as possible, at this point, the widened part was thoroughly swept to  $27\frac{1}{2}$  feet at ordinary low water and found clear for that depth.

The buoying of this channel was then rearranged to make this part of the river safe for day and night navigation. Three new gas bouys were added and the existing can and conical steel buoys shifted to more satisfactory positions. This improvement now permits the largest vessels coming to Montreal to navigate this part of the ship channel, day and night with safety.

Some deepening was also done to 30 feet at E.L.W. on the south half of the Cap à la Roche channel, which work is well advanced.

The total number of cubic yards removed during the season of 1919 amounted to 88,655. In addition to this there is quite a large area broken up by the rock cutter in readiness for the dredges to remove next season.

*Division V—Quebec to The Traverse.*

Hydraulic Dredge No. 8 (Beaujeu) was occupied all season removing the filling that had occurred in the south channel (St. Thomas bank). The material was soft clay (silt) and the number of cubic yards dredged amounted to 131,900.

The total number of cubic yards dredged in the river St. Lawrence ship channel, above and below Quebec, amounted to 517,305 during season of 1919.

*Thirty-foot Project (end of season 1919).*

|   |              |
|---|--------------|
| Total length of dredging .....                | 66.42 Miles. |
| "          "          yet to be done .....    | 1.58 "       |
| Total number of cubic yards dredged .....     | 53,169,332   |
| "          "          yet to be dredged ..... | 2,132,000    |

*Thirty-five-foot Project (end of season 1919).*

|   |             |
|---|-------------|
| Total length of dredging done .....           | 40.00 Miles |
| "          "          yet to be done .....    | 49.39 "     |
| Total number of cubic yards dredged .....     | 37,903,601  |
| "          "          yet to be dredged ..... | 29,170,340  |

The total cost from 1851 to the end of the fiscal year, March 31, 1920, of the ship channel from Montreal to Father Point, including plant, shops, surveys, etc., is as follows:—

|                                  |                 |
|----------------------------------|-----------------|
| Dredging .....                   | \$14,940,174 10 |
| Plant, Shops, Surveys, etc. .... | 8,320,167 64    |
| Total .....                      | \$23,260,341 74 |



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The total number of cubic yards removed from 1851, to the end of season of 1919, amounted to 117,453,139, the material varying from very hard shale rock to soft blue clay.

## TIDAL SEMAPHORES.

The tidal semaphore at Cap à la Roche, which shows the available depth of water in the dredged channel, was put in operation on April 24, 1919. The tidal semaphore at Pointe Citrouille, which also shows the depth available in Cap à la Roche channel, was put in operation the same day.

The semaphore at Pointe Citrouille is of great service to the pilots of deep-draught vessels outward bound, as it enables them to know if there is sufficient water in the channel at Cap à la Roche to allow them to proceed down in safety. If not, they can anchor at the splendid anchorage ground provided for them, just below Pointe Citrouille, where they can wait for the tide to rise.

The tidal semaphore at St. Nicholas which shows the available depth of water over the undredged St. Augustin channel, was put in operation on April 26, 1919.

## DEPTH OF WATER IN SHIP CHANNEL SEASON 1919.

With the exception of a few days at the beginning of the month of September, when the lowest water was 31 feet 3 inches in the 30-foot channel, which is considered good, the height of water kept high all season as can be noted by the following monthly averages during the season of navigation.

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| May    | June   | July   | Aug.   | Sept.  | Oct.   | Nov.   |
| 39' 7" | 36' 7" | 33' 5" | 32' 4" | 32' 3" | 32' 8" | 33' 5" |

## ACCIDENTS.

The season of 1919 was practically free from any serious accidents or marine casualties in the ship channel, though it was a record for the number of vessels using it, and none could be attributed to any fault of the channel.

## SWEEPING OF THE SHIP CHANNEL.

The channel was thoroughly swept as usual during the season, two outfits being employed, but no obstruction of a serious nature was found. Some sand bars were found to have again formed in Champlain channel, but these were dredged before the low water season. Considerable sweeping was also done below Quebec by the sweeping steamer *Detector* in the North and South channels. Some filling in was found to have occurred in the South channel at St. Thomas flats, and a dredge was occupied all season removing this.

## ACCIDENTS SEASON 1919.

*Between Montreal and Quebec.*

May 1.—SS. *War Toronto* went ashore at the lower end of Ile Hartelle. Was floated by dredging, apparently not damaged.

August 6.—SS. *Lake Frelona* from Great Lakes eastbound, grounded on Pointe du Chene, opposite Grondines. Was refloat—slight damage.

October 22.—Tug *J. H. Hackett* in collision with White Star Dom. SS. *Rimouski* two miles below St. Augustin bar. Tug suffered considerable damage.

October 26.—SS. *Trevillard* eastbound from Montreal went ashore 3 miles above Batiscan during foggy weather. Was refloat.

November 28.—SS. *Bassa* while turning in Montreal harbour went aground outside of Channel, a short distance above Tarte pier. Was lightered and pulled off.

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November 29.—American Destroyer *Eagle No. 58* outward bound went ashore on Ile Ste. Therese opposite Varennes, P.Q.. Was refloated no damage.

December 9.—SS. *Canadian Volunteer*, of the Canadian Mercantile Marine, touched on shoal outside of channel at Cap à la Roche. Bottom considerably damaged.

December 9.—SS. *Lake Elsmere* belonging to the American Shipping Board in tow of tugs *Lord Strathcona* and *Andree Dupre* struck the superstructure of the Quebec bridge on the North side. The vessel suffered considerable damage to her masts. Accident caused by heavy ice pack.

*Between Quebec and Father Point.*

May 21.—C.P.O.S. *War Beryl*, outward bound collided with Dredge *No. 8* belonging to the Department of Marine, anchored in St. Thomas channel. Both vessels damaged.

June 2.—Schooner *O. Caron* of Limoilou Quebec was struck by a steamer outward bound off St. Siméon and badly damaged.

June 16.—Steam barge *Rockferry* struck bottom East of Cape Dogs when outward bound. Vessel leaking badly.

June 27.—SS. *Corcoran* belonging to the U.S. Shipping Board collided with Market Boat *Champion*, both outward bound. Both ships were damaged. The accident occurred off the upper part of Island of Orleans.

December 17.—SS. *Canadian Recruit* of the Canadian Mercantile Marine, outward bound was driven ashore by the ice on St. Anne shoals. She floated off at high tide but owing to damaged rudder drifted in the ice pack as far as Pointe Vache, at the entrance of the Saguenay river, where the vessel was shoved ashore by the ice at that point. Salvaging operations are now going on.

None of the above casualties can be attributed to any fault of the ship channel.

MARINE SIGNAL SERVICE.

Signal stations have been established for the purpose of maintaining communication between ship and shore by means of flag signals.

This system of stations extends from St. John, N.B., Halifax, N.S., Cape Race, Nfld., and Beile Isle up the gulf and river St. Lawrence and through the Great Lakes to Sault Ste. Marie, Ont.

Following is a complete list of stations:—

EAST OF QUEBEC.

| Name of Station.                 | Location.                | Nautical miles from Quebec. | Means of communication.  |
|----------------------------------|--------------------------|-----------------------------|--------------------------|
| R Quebec                         | Custom House             | 0                           | Telephone.               |
| X St. Jean d'Orleans             | Shore end of wharf       | 14                          | "                        |
| Crane Island                     | Lighthouse               | 32                          | "                        |
| L'Islet                          | 100 yards east of church | 49                          | Telegraph.               |
| Cape Salmon                      | Lighthouse               | 81                          | Telephone and telegraph. |
| Riviere du Loup                  | Shore end of wharf       | 92                          | Telegraph.               |
| Father Point                     | Shore end of wharf       | 157                         | "                        |
| Little Metis                     | Lighthouse               | 175                         | "                        |
| Matane                           | "                        | 200                         | "                        |
| Pointe des Monts                 | "                        | 219                         | "                        |
| Cap Chat                         | "                        | 234                         | "                        |
| Riviere a la Martre              | "                        | 260                         | "                        |
| Capé Magdalen                    | "                        | 294                         | "                        |
| Fame Point                       | "                        | 325                         | "                        |
| Cap des Rosiers                  | "                        | 349                         | "                        |
| Cap d'Espoir                     | "                        | 377                         | "                        |
| Point Maquereau                  | "                        | 400                         | "                        |
| West Point, Anticosti            | "                        | 332                         | "                        |
| South West Point, Anticosti      | "                        | 360                         | "                        |
| South Point, Anticosti           | "                        | 415                         | "                        |
| Heath Point, Anticosti           | "                        | 438                         | "                        |
| Point Escuminac, N.B.            | "                        | 462                         | "                        |
| Amherst Island, Magdalen Islands | "                        | 481                         | "                        |

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EAST OF QUEBEC—Concluded.

| Station.                | Location.             | Nautical miles from Quebec. | Means of communication. |
|-------------------------|-----------------------|-----------------------------|-------------------------|
| St. Paul's Island, C.B. | Main Station          | 540                         | Telephone.              |
| Money Point, C.B., N.S. | Lighthouse            | 537                         | "                       |
| Flat Point, N.S.        | "                     | 575                         | Telegraph.              |
| Cape Ray, Nfld.         | "                     | 553                         | "                       |
| Cape Race, Nfld.        | "                     | 826                         | "                       |
| Point Amour, Labrador   | "                     | 673                         | Wireless telegraph.     |
| Belle Isle              | "                     | 734                         | "                       |
| Camperdown, N.S.        | Near Wireless station |                             | Telephone.              |
| Halifax, N.S.           | The Citadel           |                             | "                       |
| Brier Island, N.S.      | Near Lighthouse       |                             | "                       |
| Point Lepreaux, N.B.    | Lighthouse            |                             | "                       |
| Partridge Island, N.B.  | "                     |                             | "                       |
| St. John, N.B.          | Custom House          |                             | "                       |
| Point Tupper            |                       |                             | Telegraph.              |
| Seatar Island, C.B.     |                       |                             | "                       |

WEST OF QUEBEC.

|                       |   |     |            |
|-----------------------|---|-----|------------|
| Bridge Station        | ½ mile above Quebec Bridge on south shore         | 6   | Telephone. |
| St. Nicholas          | At Tidal Semaphore                                | 12  | "          |
| Portneuf              | In front Lighthouse                               | 31  | "          |
| Gondines              | In old windmill tower                             | 41  | "          |
| St. Jean Deschaillons | At tidal semaphore                                | 45  | "          |
| Pointe Citrouille     | In lighthouse                                     | 55  | "          |
| Three Rivers          | Upper end of Bureau wharf                         | 65  | "          |
| Sorel                 | Lower end of Government wharf                     | 100 | "          |
| Bellmouth             | About 500 feet east Contrecoeur Course, Low Light | 110 | "          |
| Cap St. Michel        | Abreast east end Ile des Lauriers                 | 125 | "          |
| R Longue Pointe       | Point between wharves                             | 134 | "          |
| R Montreal            | 92 Notre Dame St. East (La Sauvegarde Bldg.)      | 139 | "          |

WEST OF MONTREAL.

|                   |                 |     |            |
|-------------------|-----------------|-----|------------|
| R Lachine Canal   | Lock No. 2      | 0   | Telephone. |
| R Lachine Canal   | Lachine         | 5   | "          |
| R Soulanges Canal | Cascades Point  | 21  | "          |
| R Soulanges Canal | Coteau Landing  | 53  | "          |
| R Cornwall Canal  | Cornwall        | 62  | "          |
| R Galops Canal    | Lift Lock       | 99  | Telegraph. |
| R Welland Canal   | Port Dalhousie  | 298 | "          |
| R Welland Canal   | Port Colborne   | 321 | "          |
| R Soo Canal       | Sault Ste-Marie | 820 | "          |

Stations marked thus 'R' are reporting stations only and are not equipped for signalling purposes. Stations marked 'X' are closed temporarily.

BRIEF SUMMARY OF WORK PERFORMED.

1. Stations report movements of vessels to Montreal, Quebec, Sydney, Halifax or St. John.
2. Stations report weather conditions daily to Montreal, Quebec, Sydney, Halifax or St. John.
3. Montreal, Quebec and St. John publish daily bulletins giving weather and ice conditions and movements of vessels.
4. Montreal and Quebec publish daily bulletins showing the depth of water at various points in the river St. Lawrence ship channel.
5. The Signal Service offices at Montreal, Quebec and St. John are opened day and night for the purpose of furnishing the public with information of shipping matters.
6. The telegraph system of the Department of Public Works on the north shore of the gulf of St. Lawrence, reports the movements of vessels engaged in the coasting trade in the Signal Service at Quebec.

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7. The collectors of customs at all the seaports in the river and gulf of St. Lawrence, on the Atlantic coast and in the Bay of Fundy report the arrival and departure of vessels engaged in the overseas trade.

8. Lloyd's agents at Quebec are furnished daily with full information of the movements of vessels engaged in the overseas trade to and from ports in the province of Quebec.

9. Lloyd's agents at St. John, N.B., are furnished daily with full information of the movements of vessels engaged in the overseas trade to and from ports in the Maritime Provinces.

#### IMPROVEMENTS CARRIED OUT AND CONTEMPLATED.

The Signal Service at Halifax, St. John, North Sydney and Quebec, in the river and gulf of St. Lawrence and on the Great Lakes, and the telephonic and reporting service between Quebec and Montreal were combined on April 1, 1914, under the heading of "Signal Service" with the headquarters at Quebec. This consolidation has greatly facilitated the work and has led to many improvements.

An arrangement was made with the Department of Railways and Canals whereby their officials at the Lachine, Soulanges, Cornwall, Galops, Welland and Sault Ste. Marie canals, report several times daily to the Signal Service at Montreal, giving movements of vessels bound to Montreal and points east of that port. This service has proved itself to be very useful, especially to the shipping interests of the port of Montreal, and will be extended from time to time as conditions may warrant.

#### ICE-BREAKING, 1919-20.

##### *Report of N. B. McLean, Resident Engineer.*

The weather conditions during the winter of 1919-20 were severe, the month of January being exceptionally so. The ice bridge formed at Port St. Francis December 18, and by December 21, the river was covered to Montreal. The ice jammed several times at Quebec bridge, but was successfully broken up by the *Lady Grey*. On January 24, the ice blocked at Portneuf, and on February 1 had backed up to Three Rivers, the river then being covered with ice from Portneuf to Montreal.

The *Lady Grey* was alone all winter to take care of the ice situation in the river above Quebec, as the *Montcalm* had been detailed for duty in the gulf, escorting ships that had been caught in the ice, relieving light keepers, and carrying supplies to the Magdalen Islands.

The absence of the *Montcalm* was a very severe drawback, placing a very heavy strain on the *Lady Grey*, delaying the work of opening the river above Quebec, and thus increasing the chances of very serious flooding. The water reached a height of 14 feet 9 inches above extreme low water at Three Rivers, which is practically flood level. Had the *Lady Grey* met with an accident and been put out of commission, very grave floods would have been the result.

The ice-breaking operations began on November 28, when the C.G.S. *Lady Grey* took up her station at Three Rivers to keep Port St. Francis open and to aid vessels coming down. She was assisted in this work by the C.G.S. *Bellechasse*. Vessels were passing out daily until December 14, when the last ship, the *Canadian Ranger*, left for Quebec escorted by the *Lady Grey*, reaching there late that afternoon.

On December 16, the *Canadian Recruit* and the *Canadian Spinner*, of the Canadian Government Merchant Marine, left Quebec outward bound. The same day the *Canadian Recruit* was reported aground on the Ste. Anne shoals.

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She was later lifted off by the tide, and then was adrift until December 20, when she went ashore at Vaches point, below the mouth of the Saguenay river, where she remained hard and fast. The crew was taken off by a schooner from Tadoussac. On December 18, the *Canadian Spinner* was reported adrift in the ice off Bic.

As soon as the *Canadian Recruit* was reported in distress the *Lady Grey* was detailed to go to her assistance, but owing to thick weather, snowstorms, and heavy ice, she was unable to proceed past Grosse Ile until December 27, although she made almost daily attempts. On December 27, she went down, stopping to take off a number of people at Grosse Ile, and reaching Murray Bay in the afternoon. She arrived at Tadoussac on the 28th, taking aboard the crew of the *Canadian Recruit*. The next day, the 29th, she came up, picking up the light-keepers from Red island and Brandy pots, and arriving at Murray Bay at noon. She remained there the next day on account of thick weather, getting back to Quebec on the 31st.

The *Canadian Spinner*, which was reported adrift in the ice on December 18 off Bic, was met by the *Montcalm* abreast of S.W. point, Anticosti, on January 7, having drifted with the ice from Bic to this point. Both vessels were in the ice several days longer, reaching Sydney only January 13. The *Spinner* was 28 days out from Québec when she arrived at Sydney, and had the *Montcalm* not been available to go to her assistance it is very unlikely that she would ever have reached any port.

From December 31 to March 1 the *Lady Grey* remained on her station at Quebec, engaged from time to time slicing Beauport and Cap Rouge battures, so that the channel could not become too contracted, and breaking up a number of jams that formed at Quebec bridge. When the ice blocked at Portneuf on January 24, the *Lady Grey* was not sent to break it up, this being considered unsafe, as the ice might have jammed behind her, cutting her off from her base. Had the *Montcalm* been at Quebec this would have been attempted.

On March 1 the *Lady Grey* left Quebec and proceeded to St. Croix, where she began the work of opening the channel in the upper river. Between March 1 and April 5, the river was opened from St. Croix to Grondines. The ice encountered was very heavy throughout. The usual accumulation of frazil ice, solid to the bottom, was met with at Portneuf bend. The work was greatly retarded owing to bad weather conditions, frequent trips to Quebec for coal, poor quality of coal, and an injury to the ship's plates, which had to be repaired on the Gridiron at Levis.

From April 5 to 8, the ice from lake St. Peter to Grondines was shoving and passing out, and on April 9, the *Lady Grey* was able to come to Three Rivers.

On April 10 and 11 the *Lady Grey* worked at the foot of lake St. Peter keeping the ice moving there. On the 12th, the lake was clear and she proceeded up to the Sorel islands, where a jam was broken up. On the 13th she arrived at Sorel, and from that date to the 17th, was engaged between Pte. aux Trembles and lake St. Peter, breaking up jams and keeping the ice running. The ice above Sorel was remarkably heavy, so heavy in fact, that after passing down through the Sorel islands, it grounded on the flats at the head of lake St. Peter between Ile aux Raisins Traverse and Number 2 Curve, reblocking the channel. On April 18, the *Lady Grey* reached Montreal.

At the request of the Department of Railways and Canals the *Lady Grey* cleared a channel through the frazil ice to the lower end of the Soulanges canal at Cascades point. She left Montreal May 1, reached the upper end of lake St. Louis the same day, worked two days cutting her way to the canal entrance, and was back in Montreal May 3. This completed the ice-breaking operations for 1919-20.

## DREDGES.

*Elevator Dredge No. 1. (Laval).*

This is the oldest dredge in the ship channel fleet. The hull is of wood, constructed in Ottawa in 1894. The buckets are made of cast steel for work in rock and other hard material.

During the winter of 1918-19 the dredge was thoroughly overhauled and put in good condition for the next season's work.

The details of the operations of this dredge for the fiscal year beginning April 1, 1919, were as follows:—

Dredge *No. 1* left Sorel May 5 and was taken up to Vercheres Traverse, where she was laid out to deepen the channel to 35 feet at L.W. 1897, the material to be excavated being clay. From May 5 to May 7 inclusive, repairs were made to buckets. Operations were begun May 8 and carried on until September 5.

On September 5, *No. 1* was taken up to Montreal, and laid out the next day to widen and deepen the channel at Longueuil shoal, dredging to a depth of 35 feet at L.W. 1897, the material being clay, stones, hardpan, shale rock and boulders. She continued working there until October 15, when she was taken down to Sorel and went into winter quarters.

In a total of 137 days, during which this dredge was at work, her machinery was in actual operation 78 per cent of the full working time.

The total number of cubic yards dredged amounted to 187,750 at a cost of \$79,789.61 or 42  $\frac{9}{100}$  cents per cubic yard.

*Elevator Dredge No. 2. (Laurier).*

The hull of this dredge is of wood, having been constructed at the Government Shipyard at Sorel, P.Q., in 1897. She is equipped with a set of cast steel buckets, especially designed for work in rock or other hard material.

During the winter of 1918-19, this dredge was thoroughly overhauled and put in good order for the next season's operations.

The details of the operation of this dredge for the fiscal year beginning April 1, 1919, were as follows:—

Dredge *No. 2* was brought up from Sorel on May 5 to Varennes curve, and the following day, May 6, was laid out to deepen and widen this curve to 35 feet E.L.W. 1897, the material to be excavated being clay. Work was carried on there until June 21.

On the latter date *No. 2* was brought into Sorel where she underwent some repairs to her boilers, and on June 25, she was taken down to Champlain channel and set to work cleaning up some sand filling that had occurred there. She continued working in this channel until October 13, when she was brought back to Sorel for winter quarters.

In a total of 132 days during which this dredge was at work her machinery was in actual operation 71 per cent of the full working time.

The total number of cubic yards removed amounted to 109,000 at a cost of \$79,495.93 or 72  $\frac{3}{100}$  cents per cubic yard.

*Elevator Dredge No. 5. (Lafontaine).*

This dredge was constructed at the Government Shipyard at Sorel, P.Q., and was completed in 1901. The hull is of wood. She is fitted out with cast steel buckets for working in rock or other hard material.

During the winter of 1918-19 a thorough overhauling was given to this dredge and she was put in good order for the next season's work.

The details of the operations of this dredge for the fiscal year beginning April 1, 1919, were as follows:—

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Dredge *No. 5* left Sorel May 5 arriving at Longueuil shoal Montreal the same day. She was laid out May 6, and began work May 7, widening and deepening the channel to 35 feet at E.L.W. 1897, the Material to be dredged being clay, stones, hardpan, shale rock and boulders. She continued working there until June 28.

On June 28, *No. 5*, was brought down to Sorel, remaining there undergoing some repairs until July 2, when she was taken to Cap à la Roche curve, where she was laid out to deepen and widen the channel to 30 feet at E.L.W. 1897, the material to be excavated being shale rock. Operations were carried on there until October 13, when this dredge left for Sorel, arriving there October 14, and going into winter quarters.

In a total of 135 days during which this dredge was at work, her machinery was in actual operation 60 per cent of the full working time.

The total number of cubic yards removed amounted to 88,655, at a cost of \$106,332.17 or \$1.19 $\frac{3}{100}$  cents per cubic yard.

*Hopper Hydraulic Dredge No. 8. (Beaujeu)—Steel Hull, Twin Screw.*

Dredge *No. 8* was constructed at the Government Shipyard at Sorel. Que. in 1907.

During the winter of 1918-19, the dredge was given a thorough overhauling and put in good working order for the next season's operations.

*No. 8* left Sorel April 24, and arrived in Quebec the same day. She went into dry dock on April 25, where the tail end shafts were repaired, two plates renewed, two others faired in place, some caulking done, and the hull scraped and painted up to the water line. On May 13 the *Beaujeu* came out of dry dock. She took coal on the 14th and arrived at her station at St. Thomas channel on the same day. She worked there until May 21, when she was run into by the ss. *War Beryl* of the C.P.O.S., and badly damaged forward. She proceeded to Quebec the same day, remaining there until the Inquiry had been held by the wreck commissioner. She came up to Sorel, May 29, and was there until June 24 undergoing repairs.

Dredge *Beaujeu* left Sorel June 24, arrived at St. Thomas channel, June 25, and resumed dredging the same date. She was employed here, cleaning up some "silting in" that had taken place in this channel, the material to be moved being clay and stones. On October 7, work was stopped for the season. She left St. Thomas channel October 8, arrived at Sorel, October 9, and went into winter quarters.

During the season *No. 8* worked 95 days and her machinery was in actual operation 79 per cent of the full working time.

The total number of cubic yards removed amounted to 131,900 at a cost of \$156,489.34 or \$1.18 $\frac{4}{100}$  cents per cubic yard.

The total number cubic yards removed by the whole of the dredging fleet amounted to 517,305 at a total cost of \$422,107.05 or \$1 $\frac{59}{100}$  cents per cubic yard.

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AVERAGE DEPTH for each month in the 27½ foot channel (27½ feet at ordinary low water) from Sorel Gauge during each year May to November.

| Year. | May.    | June.   | July.   | Aug.    | Sept.   | Oct.    | Nov.    | Highest. | Lowest. |
|-------|---------|---------|---------|---------|---------|---------|---------|----------|---------|
|       | Ft. in. | Ft. in. | Ft. in. | Ft. in. | Ft. in. | Ft. in. | Ft. in. | Ft. in.  | Ft. in. |
| 1892  | 31 0    | 31 9    | 31 6    | 30 6    | 28 9    | 28 3    | 28 3    | 33 6     | 27 3    |
| 1893  | 36 0    | 34 3    | 30 9    | 29 9    | 29 6    | 28 6    | 28 0    | 37 6     | 27 6    |
| 1894  | 34 6    | 31 9    | 31 0    | 29 2    | 28 3    | 28 6    | 29 0    | 36 0     | 27 7    |
| 1895  | 33 3    | 31 3    | 28 3    | 28 3    | 27 6    | 26 9    | 26 9    | 34 6     | 25 10   |
| 1896  | 33 6    | 30 6    | 28 9    | 28 0    | 27 6    | 27 9    | 29 0    | 37 0     | 27 4    |
| 1897  | 35 6    | 32 6    | 30 3    | 29 3    | 28 0    | 27 0    | 27 6    | 37 0     | 26 5    |
| 1898  | 31 6    | 32 9    | 29 3    | 28 2    | 28 2    | 28 3    | 28 6    | 32 1     | 26 9    |
| 1899  | 36 2    | 31 9    | 30 3    | 28 6    | 27 6    | 28 0    | 27 9    | 37 9     | 26 9    |
| 1900  | 33 6    | 30 9    | 30 6    | 29 6    | 28 1    | 28 9    | 29 2    | 35 9     | 27 4    |
| 1901  | 34 3    | 31 10   | 29 2    | 28 3    | 27 7    | 27 4    | 27 3    | 36 3     | 26 6    |
| 1902  | 32 2    | 32 2    | 32 2    | 29 4    | 28 1    | 28 1    | 29 0    | 34 1     | 27 6    |
| 1903  | 33 0    | 30 11   | 30 5    | 29 5    | 28 4    | 29 0    | 27 11   | 32 8     | 26 11   |
| 1904  | 36 3    | 34 5    | 30 9    | 29 5    | 29 5    | 30 4    | 29 3    | 37 4     | 28 1    |
| 1905  | 31 10   | 30 8    | 29 7    | 29 0    | 28 0    | 28 5    | 28 1    | 33 6     | 27 1    |
| 1906  | 32 4    | 31 5    | 29 3    | 27 11   | 27 3    | 27 4    | 27 6    | 33 3     | 26 9    |

AVERAGE DEPTH for each month in the 30-foot channel (30 feet at extreme low water of 1897).

|      |      |       |       |       |      |       |       |       |       |
|------|------|-------|-------|-------|------|-------|-------|-------|-------|
| 1907 | 37 1 | 35 9  | 34 3  | 32 10 | 32 4 | 32 9  | 33 7  | 38 3  | 31 10 |
| 1908 | 41 5 | 37 10 | 33 10 | 32 10 | 32 0 | 31 0  | 30 6  | 42 4  | 30 0  |
| 1909 | 40 6 | 37 6  | 33 10 | 33 2  | 32 7 | 32 4  | 31 6  | 42 7  | 30 11 |
| 1910 | 35 7 | 34 5  | 32 3  | 31 7  | 31 6 | 31 6  | 31 7  | 37 1  | 30 7  |
| 1911 | 36 6 | 34 6  | 32 1  | 31 3  | 30 9 | 30 2  | 30 3  | 38 1  | 29 4  |
| 1912 | 37 9 | 37 6  | 33 6  | 32 8  | 32 6 | 32 6  | 34 9  | 40 11 | 31 3  |
| 1913 | 37 0 | 34 4  | 32 8  | 31 10 | 31 6 | 32 1  | 32 7  | 38 6  | 31 1  |
| 1914 | 35 2 | 33 0  | 32 4  | 31 4  | 31 3 | 30 11 | 31 0  | 36 10 | 30 3  |
| 1915 | 34 7 | 32 6  | 31 6  | 31 4  | 31 1 | 30 11 | 30 8  | 37 4  | 30 1  |
| 1916 | 38 9 | 37 2  | 34 0  | 32 5  | 31 7 | 31 9  | 31 10 | 40 0  | 30 9  |
| 1917 | 36 8 | 36 6  | 34 10 | 33 6  | 32 3 | 32 6  | 33 0  | 38 2  | 31 3  |
| 1918 | 36 1 | 34 1  | 33 10 | 32 0  | 32 3 | 33 7  | 34 11 | 38 1  | 31 3  |
| 1919 | 39 7 | 36 7  | 33 5  | 32 4  | 32 3 | 32 8  | 33 5  | 41 1  | 31 3  |

COST OF SHIP CHANNEL TO DATE—Table showing the Total Cost of the Dredging and Plant and the Quantities dredged to March 31, 1920.

|  | Cost of Dredging. |      | Expenditure for plant, shops, surveys, etc. |      | Quantities dredged. |
|--|-------------------|------|---|------|---------------------|
|  | \$                | cts. | \$  | cts. |                     |
| MONTREAL HARBOUR COMMISSIONERS, 1851 to 1888.  |                   |      |   |      |                     |
| Dredging Montreal to Cap a la Roche to 27½ feet at O.L.W. and from Cap a la Roche to Quebec to 27½ feet at half tide.....  | 3,402,494         | 35   | 534,809                                     | 65   | 19,865,693          |
| DEPARTMENT OF PUBLIC WORKS.  |                   |      |   |      |                     |
| Dredging consisting of widening and cleaning up of channel, deepening Cap a la Roche to Cap Charles to 27 ft. at O.L.W. and dredging at Grondines, Lotbiniere and Ste. Croix, 1889 to June 30, 1899..... | 829,583           | 08   | 486,971                                     | 79   | 3,558,733           |
| PROJECT OF 1899.   |                   |      |   |      |                     |
| Dredging Channel between Montreal and Quebec to 30 feet at lowest water of 1897, also widening to a minimum width of 450 feet and straightening.....   |                   |      |   |      |                     |
| Fiscal year 1899-1900.....   | 100,191           | 01   | 265,270                                     | 78   | 1,107,894           |
| " " 1900-1901.....   | 136,680           | 83   | 287,040                                     | 04   | 2,479,385           |
| " " 1901-1902.....   | 185,429           | 80   | 479,731                                     | 47   | 3,098,350           |
| " " 1902-1903.....   | 255,776           | 55   | 277,703                                     | 50   | 6,544,605           |
| " " 1903-1904.....   | 276,958           | 59   | 308,765                                     | 44   | 4,619,260           |
| DEPARTMENT OF MARINE AND FISHERIES.  |                   |      |   |      |                     |
| <i>This includes the work below Quebec.</i>  |                   |      |   |      |                     |
| Fiscal Year 1904-1905.....   | 311,087           | 93   | 277,225                                     | 69   | 2,716,220           |
| " " 1905-1906.....   | 431,768           | 30   | 317,327                                     | 37   | 4,047,530           |
| " " 1906-1907.....   | 302,677           | 37   | 275,003                                     | 61   | 3,001,010           |
| (July 1, 1906, to March 31, 1907).....   |                   |      |   |      |                     |
| Fiscal Year 1907-1908.....   | 478,209           | 66   | 417,390                                     | 22   | 4,831,875           |
| " " 1908-1909.....   | 497,686           | 03   | 340,861                                     | 86   | 5,896,737           |
| " " 1909-1910.....   | 572,950           | 71   | 321,375                                     | 80   | 6,354,285           |
| " " 1910-1911.....   | 576,838           | 02   | 488,248                                     | 88   | 5,600,050           |
| " " 1911-1912.....   | 588,697           | 60   | 499,799                                     | 58   | 4,509,904           |
| " " 1912-1913.....   | 663,229           | 74   | 430,107                                     | 86   | 6,929,344           |
| " " 1913-1914.....   | 895,235           | 59   | 426,018                                     | 12   | 6,140,867           |
| " " 1914-1915.....   | 1,036,846         | 65   | 327,975                                     | 71   | 6,225,143           |
| " " 1915-1916.....   | 976,622           | 03   | 771,760                                     | 03   | 8,462,957           |
| " " 1916-1917.....   | 1,030,550         | 60   | 437,469                                     | 62   | 7,800,555           |
| " " 1917-1918.....   | 618,399           | 69   | 136,765                                     | 97   | 2,517,376           |
| " " 1918-1919.....   | 350,152           | 92   | 79,797                                      | 45   | 628,060             |
| " " 1919-1920.....   | 422,105           | 05   | 132,747                                     | 20   | 517,305             |
|  | 14,940,174        | 10   | 8,320,167                                   | 64   | 117,453,139         |



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PROGRESS of Dredging Operations at Date of Writing the close of the Season 1919, 30-foot project.

| Locality.                                       | Distance, English miles. | Total length, requiring dredging. | Length dredged in 1919. | Total length of 30-foot channel dredged. | Length yet to be dredged. |
|---|--------------------------|-----------------------------------|-------------------------|--|---------------------------|
|   |                          | Miles.                            | Miles.                  | Miles.                                   | Miles.                    |
| Division 1:—<br>Montreal to Sorel.....          | 45                       | 22-90                             | .....                   | 22-90                                    | All completed.            |
| Division 2:—<br>Sorel to Batiscan.....          | 36                       | 12-45                             | .....                   | 12-45                                    | All completed.            |
| Division No. 3:—<br>Lake St. Peter.....         | 20                       | 18-00                             | .....                   | * 0-50<br>†17-50                         |                           |
| Division No. 4:—<br>Batiscan to Quebec.....     | 59                       | 10-00                             | 0-06                    | 8-42                                     | 1-58                      |
| Division No. 5:—<br>Quebec to The Traverse..... | 60                       | 4-65                              | .....                   | 4-65                                     |                           |
| Total.....                                      | 220                      | 68-00                             | 0-06                    | 66-42                                    | 1-58                      |

\*Not widened. †Widened.

PROGRESS of the Dredging Operations at the Date of Writing the close of the Season of 1919, 30-foot project.

| Locality.                                    | Length of Dredging. |                  | Cubic Yards yet required to be done. |
|--|---------------------|------------------|--------------------------------------|
|  | Required.           | Done.            |                                      |
|  | Miles.              | Miles.           |                                      |
| Division 1:—<br>Longueuil Shoal.....         | .....               | 1-10             |                                      |
| Longue Pte. to Pte. aux Trembles (E.H.)..... | .....               | 5-05             |                                      |
| Ile Ste. Therese.....                        | .....               | 0-40             |                                      |
| Vareannes to Cap St. Michel.....             | .....               | 3-00             |                                      |
| Cap St. Michel to Vercheres.....             | .....               | 4-50             |                                      |
| Vercheres Traverse.....                      | .....               | 1-10             |                                      |
| Vercheres to Contrecoeur.....                | .....               | 1-70             |                                      |
| Contrecoeur Channel.....                     | .....               | 6-05             |                                      |
| Total.....                                   | .....               | 22-90            |                                      |
| Division 2:—<br>Sorel to Ile de Grace.....   | .....               | 4-40             |                                      |
| Stone Island.....                            | .....               | 1-10             |                                      |
| Ile aux Raisins.....                         | .....               | 0-25             |                                      |
| Lake St. Peter (See Div. 3).....             | .....               | .....            |                                      |
| Port St. Francis.....                        | .....               | 0-50             |                                      |
| Three Rivers.....                            | .....               | 0-50             |                                      |
| Cap Madaline to Becancour.....               | .....               | 1-55             |                                      |
| Becancour to Champlain.....                  | .....               | 2-25             |                                      |
| Champlain to Pte. Citrouille.....            | .....               | 1-30             |                                      |
| Batture Perron.....                          | .....               | 0-60             |                                      |
| Total.....                                   | .....               | 12-45            |                                      |
| Division 3:—<br>Lake St. Peter.....          | .....               | * 0-50<br>†17-50 | 200,000                              |
| Total.....                                   | .....               | 18-00            | 200,000                              |
| Division 4:—<br>Batiscan to Cap Levard.....  | .....               | 3-00             |                                      |
| Cap a la Roche Channel.....                  | 0-43                | 1-62             | 582,000                              |
| Pouillier Rayer.....                         | .....               | 1-20             |                                      |
| Cap Charles.....                             | .....               | 0-90             |                                      |
| Gronlines.....                               | .....               | 0-80             |                                      |
| Lotbiniere.....                              | .....               | 0-40             |                                      |
| Cap Sante.....                               | .....               | 0-20             |                                      |
| Ste. Croix.....                              | 0-60                | 0-30             | 300,000                              |
| St. Augustin.....                            | 0-60                | .....            | 500,000                              |
| Total.....                                   | 1-63                | 8-42             | 1,382,000                            |
| Division 5:—<br>Quebec to the Traverse.....  | .....               | 4-65             | 550,000                              |
| Total.....                                   | .....               | 4-65             | 550,000                              |
| Totals.....                                  | 1-63                | 66-42            | 2,132,000                            |

\*Not widened. †Widened.

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PROGRESS of Dredging Operations at Date of Writing the close of the Season of 1919, 35-foot project.

| Locality.   | Distance.<br>English<br>miles. | Total length,<br>requiring<br>dredging. | Length,<br>dredged in<br>1919. | Total length<br>of 35-foot<br>channel<br>dredged. | Length yet<br>to be<br>dredged. |
|---|--------------------------------|---|--------------------------------|---|---------------------------------|
|   | Miles.                         | Miles.                                  | Miles.                         | Miles.  | Miles.                          |
| Division 1:--<br>Montreal to Sorel.....                 | 45                             | 28-63                                   | 0-35                           | 17-11   | 11-52                           |
| Division 2:--<br>Sorel to Batiscan.....                 | 36                             | 19-75                                   |                                | 6-10  | 13-65                           |
| Division 3:--<br>Lake St. Peter.....                    | 20                             | 18-32                                   |                                | 17-03   | 1-29                            |
| Division 4:--<br>Batiscan to Quebec.....                | 59                             | 15-54                                   |                                |   | 15-54                           |
| Division 5:--<br>Quebec to Goose Cape (North Channel).. | 66                             | 8-14                                    |                                | 0-75  | 7-39                            |
| Total.....  | 226                            | 90-38                                   | 0-35                           | 40-99   | 49-39                           |

PROGRESS of the Dredging Operations at the Date of Writing the Close of the Season of 1919, 35-foot project.

| Locality.                                 | Length of Dredging<br>in Miles. |       | Cubic yards<br>yet to be<br>dredged. | Cubic yards<br>dredged. |
|---|---------------------------------|-------|--------------------------------------|-------------------------|
|   | Yet to be done.                 | Done. |                                      |                         |
| Division 1--                              |                                 |       |                                      |                         |
| Longueuil Shoal.....                      | 1-88                            |       | 593,859                              | 127,595                 |
| Longue Pte. Traverse.....                 | 0-39                            | 0-08  | 443,592                              | 51,550                  |
| Longue Pte. Curve.....                    | 1-24                            | 0-08  | 991,531                              | 242,350                 |
| Pte. Aux Tremble Channel.....             | 0-65                            | 3-02  | 53,625                               | 1,223,475               |
| Ile Ste. Therese Channel.....             | 1-12                            |       | 146,611                              |                         |
| Varennes Curve.....                       | 0-45                            | 1-69  | 593,546                              | 2,297,060               |
| Cap St. Michel Curve.....                 | 1-00                            |       | 500,500                              |                         |
| Cap St. Michel to Vercheres.....          | 0-25                            | 4-47  | 177,139                              | 1,913,350               |
| Vercheres Traverse.....                   | 0-25                            | 0-47  | 92,763                               | 193,625                 |
| Vercheres to Contrecoeur.....             | 1-23                            | 0-08  | 816,255                              | 554,200                 |
| Contrecoeur Channel.....                  | 2-31                            | 5-97  | 2,038,532                            | 3,574,343               |
| Lanoraie to Sorel.....                    | 0-61                            |       | 159,215                              |                         |
| Total Division 1.....                     | 10-78                           | 16-46 | 6,607,138                            | 10,177,548              |
| Division 2:--                             |                                 |       |                                      |                         |
| Sorel to Ile de Grace.....                | 1-00                            | 3-98  | 933,706                              | 2,776,354               |
| Stone Island.....                         | 1-42                            | 0-65  | 466,370                              | 414,890                 |
| Ile aux Raisins.....                      | 0-99                            | 1-10  | 202,125                              | 777,224                 |
| Port St. Francis.....                     | 0-67                            | 0-33  | 491,303                              | 248,275                 |
| Three Rivers.....                         | 0-72                            |       | 533,192                              |                         |
| Cap Madeleine--Beaucour.....              | 2-40                            |       | 1,348,578                            |                         |
| Beaucour--Champlain.....                  | 1-16                            |       | 932,750                              |                         |
| Champlain Pte. Citrouille.....            | 4-06                            |       | 2,632,355                            |                         |
| Batture Perren.....                       | 1-23                            |       | 684,600                              |                         |
| Total Division 2.....                     | 13-65                           | 6-10  | 8,224,980                            | 4,216,743               |
| Division 3:--                             |                                 |       |                                      |                         |
| Lake St. Peter.....                       | 1-29                            | 17-03 | 1,161,570                            | 11,335,582              |
| Total Division 3.....                     | 1-29                            | 17-03 | 1,161,570                            | 11,335,582              |
| Division 4--                              |                                 |       |                                      |                         |
| Batiscan--St. Levrard.....                | 4-48                            |       | 2,386,168                            |                         |
| Cap Levrard.....                          | 1-27                            |       | 781,666                              |                         |
| Cap a la Roche Curve.....                 | 2-06                            |       | 1,836,859                            |                         |
| Cap Charles Channel.....                  | 2-04                            |       | 1,077,416                            |                         |
| Grondine.....                             | 0-83                            |       | 513,332                              |                         |
| Lotbiniere.....                           | 0-47                            |       | 321,480                              |                         |
| Cap Sante.....                            | 1-51                            |       | 655,561                              |                         |
| St. Croix.....                            | 1-47                            |       | 798,518                              |                         |
| St. Augustin.....                         | 1-41                            |       | 826,207                              |                         |
| Total Division 4.....                     | 15-54                           |       | 9,197,207                            |                         |
| Division 5:--                             |                                 |       |                                      |                         |
| Quebec to Goose Cape (North Channel)..... | 2-84                            |       | 2,585,132                            |                         |
| Madame Reef Shoal.....                    |                                 |       |                                      |                         |
| West Sand and East Narrows Shoals.....    | 4-55                            | 0-75  | 1,394,313                            | 12,173,728              |
| Total Division 5.....                     | 7-39                            | 0-75  | 3,979,445                            | 12,173,728              |
| Totals.....                               | 48-65                           | 40-34 | 29,170,340                           | 37,903,601              |

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ABSTRACT of Work of Dredging Fleet during Fiscal Year ended March 31, 19 20.

| Dredge.                 | Locality of Dredging.                             | Time of Service. | Working hours, 10 per day. | Hours Actual Dredging. | No. of Scoops Filled. | Cubic yds. Dredged (Scoop Measure). | Depth of Dredging at L.W. | Width in Feet. | Character of Soil.  | Remarks.                     |
|-------------------------|---|------------------|----------------------------|------------------------|-----------------------|-------------------------------------|---------------------------|----------------|---|------------------------------|
| "Laval"—No. 1.....      | Vercheres Traverses.....<br>Longueuil Shoal.....  | Days.            | Hours.                     |                        |                       |                                     |                           |                |   |                              |
|                         |   | 165<br>32        | 1,050<br>320               | 8291<br>2401           | 654<br>92             | 164-750<br>23-000                   | 35-0<br>35-0              | 450<br>200     | Clay.....<br>Clay, stones, hard pan,<br>shale, rock and boulders.....       | Capt. J. Baron.<br>Widening. |
| "Laurier"—No. 2.....    | Varenes Curve.....<br>Champlain Channel.....      | 137              | 1,370                      | 1,070                  | 716                   | 187-750                             |                           |                |   |                              |
|                         |   | 42<br>90         | 420<br>900                 | 3391<br>563            | 266<br>306            | 53-200<br>55-800                    | 35-0<br>30-0              | 550-600<br>450 | Clay.....<br>Sand (cleaning up).....  | Capt. R. Matte.              |
| "LaFontaine"—No. 5..... | Longueuil Shoal.....<br>Cap a la Roche Curve..... | 182              | 1,320                      | 9324                   | 572                   | 109-000                             |                           |                |   |                              |
|                         |   | 48<br>87         | 480<br>870                 | 3653<br>4143           | 159<br>330            | 29-295<br>59-360                    | 35-0<br>30-0              | 200<br>450-550 | Clay, stones, hard pan and<br>boulders.....<br>Shale rock and boulders..... | Capt. P. Bilbeau.            |
| "Beauger"—No. 8.....    | South channel, St.<br>Thomas Bank.....            | 135              | 1,350                      | 8101                   | 589                   | 88-655                              |                           |                |   |                              |
|                         |   | 95<br>95         | 1,200<br>1,200             | 9524<br>9524           | 117<br>117            | 131-900<br>131-900                  | 30-0                      | 1,000          | Clay and stones.....  | Capt. A. Bourget.            |
|                         |   |                  |                            |                        |                       | Total                               |                           |                |   |                              |
|                         |   |                  |                            |                        |                       | 517-305                             |                           |                |   | Total cubic yards dredged.   |

## SOREL SHIPYARD.

## REPORT OF ACTING OFFICER IN CHARGE, L. LACOUTURE.

On April 1, 1919, the winter repairs and renewals to the St. Lawrence Ship Channel fleet and the Construction of Lights Department vessels were nearly all completed.

The outfitting was in progress, also the engaging of the crews for the new season's work.

The river Richelieu was clear of ice on March 27, and the St. Lawrence at Sorel on April 14.

The first dredge of the fleet left Sorel going into commission on May 5, 1919.

All the vessels in commission were maintained in good and serviceable condition during the season.

## NEW CONSTRUCTION.

No new vessels were built at the shipyard during the fiscal year 1919-20.

## BUOYS.

Fifty buoys of different designs, were constructed and shipped to various destinations during the fiscal year, viz.:—

1 gas and whistling buoy complete.

34 conical buoys.

6 bell buoy floats.

4 whistling buoys complete

5 steel ice buoys (alterations).

The Buoy Department was supplied with fittings and material such as rods, shackles, chains, hooks, chisels, etc.; repairs were also made to buoys.

## NAVAL SERVICE DEPARTMENT.

Work done for this department included supplies for yacht *Bethalma*. Coal clams returned from Halifax and used by the Naval Service Department were also unloaded and erected.

## ST. LAWRENCE SHIP CHANNEL.

Work done for this branch included making and repairing guage boards, iron posts, and supplying timber, etc.

## PRIVATE FIRMS.

*Canada Steamship Line*.—The steamer *Three Rivers* belonging to this firm was put on the ways for the winter, and heavy repairs were carried out to hull, rudder, etc.

*Sincennes McNaughton Line*.—Had use of shear legs and some welding done to boilers of tugs.

*Canadian Vickers, Limited*.—Pumping, clearing snow, and watching on board dredge No. 16.

*Sorel Mechanical Shops, Limited*.—The following vessels were put on the ways for this firm: steamer *Caspian*, November 6 to November 8; scow *Pennsylvania*, November 13 to November 19.

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*Prescott Dock and Ferry Co.*—On September 30 the steamer *Ferdinand* was put on the ways for repairs to hull, painting, and repairs to machinery and boiler.

*Barge Reliance.*—Belonging to A. Morgan, Esq., was hauled out on the ways on May 21, for examination and launched on July 21.

GENERAL.

The shipyard launches *Bronx* and *Leros* were maintained in good order and painted. All the fences had necessary repairs during the season. The shipyard ways and wharves were repaired and kept in good condition.

The force employed during the fiscal year varied from 505 to 323 men, and averaged 414 men daily.

The financial statement shows the total amount expended on the shipyard and ship channel to have been \$556,244.24.

EXPENDITURE AND REVENUE.

STATEMENT of Expenditure and Revenue, Marine Department, 1919-20.

| Service.   | Appropriation. |      | Expenditure. |      | Balance.  |      |
|--|----------------|------|--------------|------|-----------|------|
|  | \$             | cts. | \$           | cts. | \$        | cts. |
| Ocean and river service—                             |                |      |              |      |           |      |
| Dominion steamers.....                               | 1,500,000      | 00   | 1,447,842    | 36   | 52,157    | 64   |
| Examination of Masters and Mates.....                | 18,000         | 00   | 17,375       | 73   | 624       | 27   |
| Investigation into wrecks.....                       | 12,300         | 00   | 6,795        | 03   | 5,504     | 97   |
| Removal of obstructions.....                         | 5,000          | 00   | 1,191        | 01   | 3,808     | 99   |
| Registration of shipping.....                        | 6,000          | 00   | 3,707        | 54   | 2,292     | 46   |
| Expenses of schools of navigation.....               | 8,000          | 00   | 4,763        | 53   | 3,236     | 47   |
| Cattle inspection.....                               | 3,000          | 00   | 2,321        | 20   | 678       | 80   |
| Subsidy to wrecking plant.....                       | 35,000         | 00   | 35,000       | 00   |           |      |
| Unforeseen expenses.....                             | 5,000          | 00   | 1,755        | 62   | 3,244     | 38   |
| Boilers for ss. <i>Montcalm</i> .....                | 70,000         | 00   | 37,750       | 00   | 32,250    | 00   |
| Motor patrol in British Columbia.....                | 50,000         | 00   |              |      | 50,000    | 00   |
|  | 1,712,300      | 00   | 1,558,502    | 02   | 153,797   | 98   |
| Public Works—  |                |      |              |      |           |      |
| Ship channel.....                                    | 478,000        | 00   | 484,186      | 19   |           |      |
| Dredging plant.....                                  | 68,900         | 00   | 65,964       | 03   | 2,935     | 97   |
| Shipbuilding.....                                    | 40,000,000     | 00   | 33,014,389   | 63   | 6,985,610 | 37   |
| Award, estate D. J. McCarthy.....                    | 76,267         | 00   | 3,227        | 95   | 73,039    | 05   |
|  | 40,623,167     | 00   | 33,567,767   | 80   | 7,061,585 | 39   |
| Overdraft.....                                       |                |      |              |      | 6,186     | 19   |
|  |                |      |              |      | 7,055,399 | 20   |
| Lighthouse and coast service—                        |                |      |              |      |           |      |
| Agencies, rents and contingencies.....               | 192,000        | 00   | 177,145      | 79   | 14,854    | 21   |
| Salaries.....  | 600,000        | 00   | 599,979      | 11   | 20        | 89   |
| Maintenance and repairs to lighthouses.....          | 750,000        | 00   | 751,953      | 19   |           |      |
| Construction of lighthouses.....                     | 400,000        | 00   | 357,853      | 27   | 42,146    | 73   |
| Administration of pilotage.....                      | 200,000        | 00   | 103,913      | 17   | 96,086    | 83   |
| Repairs to wharves.....                              | 12,000         | 00   | 7,889        | 07   | 4,110     | 93   |
| Royal Pilotage Commission.....                       | 11,000         | 00   | 11,000       | 00   |           |      |
| Pensions to pilots.....                              | 9,900          | 00   | 8,975        | 00   | 925       | 00   |
| Telephones re aids to navigation.....                | 500            | 00   |              |      | 500       | 00   |
| Breaking ice.....                                    | 40,000         | 00   | 40,000       | 00   |           |      |
| Allowance to harbour master, Amherstburg.....        | 400            | 00   | 400          | 00   |           |      |
| Allowance to Mrs. McMenemy.....                      | 500            | 00   | 500          | 00   |           |      |
| Allowance to Mrs. Sherlock.....                      | 500            | 00   | 500          | 00   |           |      |
| Signal service.....                                  | 60,000         | 00   | 59,839       | 55   | 160       | 45   |
| Re and to Desjardins.....                            | 56             | 50   | 56           | 50   |           |      |
| New L. H. and buoy, steamer <i>Maisonneuve</i> ..... |                |      |              |      |           |      |
|  | 2,276,856      | 50   | 2,120,004    | 65   | 158,805   | 04   |
| Overdraft.....                                       |                |      |              |      | 1,953     | 19   |
|  |                |      |              |      | 156,851   | 85   |

STATEMENT of Expenditure and Revenue, Marine Department, 1919-20—  
Concluded.

| Service.  | Appropriation.          | Expenditure.            | Balance.              |
|---|-------------------------|-------------------------|-----------------------|
|   | \$ cts.                 | \$ cts.                 | \$ cts.               |
| Scientific Institutions—<br>Meteorological service .....  | 210,880 00              | 200,733 94              | 10,146 06             |
| Marine Hospitals and Distressed Seamen—<br>Marine hospitals.....<br>Distressed seamen.....<br>Seamen's hospital fund..... | 97,500 00<br>3,000 00   | 47,337 18<br>1,225 33   | 50,162 82<br>1,774 67 |
|   | 100,500 00              | 48,562 51               | 51,937 49             |
| Steamboat Inspection—<br>Steamboat inspection .....   | 87,827 77               | 82,633 45               | 5,194 32              |
| Civil Government salaries.....<br>Contingencies.....  | 241,650 00<br>36,600 00 | 222,398 96<br>36,140 37 | 19,251 04<br>459 63   |
|   | 45,289,781 27           | 37,836,743 70           | 7,453,037 57          |
| Miscellaneous—<br>Bonuses.....<br>Gratuities .....  |                         | 461,511 53<br>2,824 73  |                       |
| Grand totals.....   | 45,289,781 27           | 38,301,079 96           | 7,453,037 57          |

## RECAPITULATION OF SERVICES.

|                                   |               |               |              |
|-----------------------------------|---------------|---------------|--------------|
| Ocean and river service.....      | 1,712,300 00  | 1,558,502 02  | 153,797 98   |
| Public works.....                 | 40,623,167 00 | 33,567,767 80 | 7,055,399 20 |
| Lighthouse and coast service..... | 2,276,856 50  | 2,120,004 65  | 156,851 85   |
| Scientific institutions.....      | 210,880 00    | 200,733 94    | 10,146 06    |
| Marine hospitals.....             | 100,500 00    | 48,562 51     | 51,937 49    |
| Steamboat inspection .....        | 87,827 77     | 82,633 45     | 5,194 32     |
| Civil Government salaries.....    | 241,650 00    | 222,398 96    | 19,251 04    |
| Contingencies.....                | 36,600 00     | 36,140 37     | 459 63       |
|                                   | 45,289,781 27 | 37,836,743 70 | 7,453,037 57 |
| Miscellaneous.....                |               | 464,336 26    |              |
|                                   | 45,289,781 27 | 38,301,079 96 | 7,453,037 57 |

|   | Gross.     | Refunds. | Net.       |
|---|------------|----------|------------|
|   | \$ cts.    | \$ cts.  | \$ cts.    |
| Piers and wharves.....  | 70,568 09  | 709 08   | 69,859 01  |
| Harbours .....  | 1,350 94   |          | 1,350 94   |
| <i>Dominion Steamers.</i>   |            |          |            |
| Montcalm—Freight, \$2,238 63; passengers, \$169 85 .....                    | 2,408 48   |          |            |
| Champlain—Freight, \$2,570 29; passengers, \$7,981 34; meals, \$225 75..... | 10,777 38  | 4 50     | 13,181 36  |
| Signal service dues.....  | 621 00     |          | 621 00     |
| Marine register fees .....  | 82 74      |          | 82 74      |
| Sick Mariners' fund.....  | 46,353 87  | 40 03    | 46,313 84  |
| Examination, masters and mates.....   | 3,893 00   | 30 00    | 3,863 00   |
| Steamboat inspection fund.....  | 3,048 64   |          | 3,048 64   |
| Steamboat engineers' fees.....  | 1,545 00   |          | 1,545 00   |
| Decayed pilots fund.....  | 5,304 09   |          | 5,304 09   |
| Fines and forfeitures.....  | 411 60     | 99 10    | 312 50     |
| Casual revenue.....   | 113,361 04 | 395 74   | 112,965 30 |
| Halifax pilots' general account .....                                       | 4,261 05   |          | 4,261 05   |
| Halifax pilots' pension fund.....   | 4,664 19   |          | 4,664 19   |
| British Columbia pilotage revenue.....                                      | 34,869 32  | 348 82   | 34,520 50  |
| British Columbia retirement fund.....                                       | 1,105 00   |          | 1,105 00   |
| C. S. insurance.....  | 3 71       |          | 3 71       |
|   | 304,629 14 | 1,627 27 | 303,001 87 |

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## METEOROLOGICAL SERVICE.

REPORT OF SIR FREDERIC STUPART, DIRECTOR.

Meteorological returns have been received at the Central office from 615 stations, exclusive of 111 storm signal stations. Twenty-seven stations have ceased reporting during the year, while on the other hand 29 have been added to the list.

The following are the new stations:—

## STATION.

|                     |                      |
|---------------------|----------------------|
| Aberdeen Lake, B.C. | Causapsal, Que.      |
| Alexis, B.C.        | East Angus, Que.     |
| Campbell Lake, B.C. | Shipshaw River, Que. |
| Duncan, B.C.        | St. Donat, Que.      |
| Malahat Beach, B.C. | Boiestown, N.B.      |
| Savary Island, B.C. | Chipman, N.B.        |
| Vernon, B.C.        | Hardwood Ridge, N.B. |
| Barons, Alta.       | St. George, N.B.     |
| Makepeace, Alta.    | St. Quentin, N.B.    |
| Spray Lakes, Alta.  | Upsalquitch, N.B.    |
| Strathcona, Alta.   | Mount Uniacke, N.S.  |
| Espanola, Ont.      | Port Clyde, N.S.     |
| Niagara Falls, Ont. | Springfield, N.S.    |
| Whitby, Ont.        | Tra'algar, N.S.      |
| Berthierville, Que. |                      |

## CENTRAL OFFICE.

The regular recognized work of the Central office has been carried on systematically throughout the year. Forecasts have been issued twice daily to all parts of the Dominion, exclusive of British Columbia, and to Newfoundland. Since the early spring the weather bulletins have been supplied with the utmost despatch to the British Admiralty through Halifax, and also the Government wireless stations for transmission over the Atlantic routes. Also, when deemed necessary, warnings of expected storms have been issued to those ports which are equipped with storm signals.

The warning service was continued throughout the year to ports on the Nova Scotia coast and the season of navigation on the Great Lakes and gulf of St. Lawrence. The severest storm of the season on the Great Lakes was that of November 29, but owing to the lateness of the season and the issue of a timely warning, there were few, if any, marine disasters. A succession of noteworthy storms passed across the Maritime Provinces during February and the first part of March, several of the gales being of great violence. Shipping was warned in each instance.

The following stations were inspected from the Central office: Grimsby, Rock Chapel, Port Dalhousie, Southampton, Parry Sound, Depot Harbour, Coldwater, Orillia, Midland, Port McNicoll, Collingwood, Meaford, Owen Sound, Wiarton, Tobermory, Cabot Head, Kincardine, Bayfield, Goderich, Arkona, Sarnia, Burlington, Brantford, Port Burwell, Port Dover, Port Colborne, Welland, Oakville, Oshawa, Cobourg, Port Hope and Kingston.

The daily weather map containing the data on which forecasts are based, has as for years past been printed in Toronto, and distributed quite widely both in that city and in the country generally, and quite recently arrangements have been completed whereby a similar map will be printed in Winnipeg in order to serve Manitoba.

*Publications.*—Each day 417 weather maps have been distributed, chiefly in Toronto, but many go to outside places, particularly schools. Each month 659 monthly weather maps and 496 copies of the Canadian Weather Record have been sent out; of annual issues 127 copies of the 1918 Toronto Observatory Year

Book and 64 copies of the Toronto Observatory Magnetic Report have been distributed. Books and periodicals received have numbered 269, besides numerous pamphlets.

#### PHYSICS BRANCH.

It was about the middle of September, 1919, before Mr. J. Patterson, M.A., had sufficiently perfected the process of separating helium from natural gas, on which he had been engaged for nearly two years with the Department of Experiment and Research of the Board of Invention and Research of the Admiralty, to enable him to resume his duties at the Meteorological office. Since that time he has devoted his time to getting the work of the Physics Branch organized.

The investigation of the upper atmosphere by means of balloons carrying instruments was started immediately, but the company from whom the balloons were obtained have been unable to supply more than two or three, and the work has been temporarily held up until they can furnish them regularly.

Arrangements were nearly completed to send an observer to Fort Good Hope to take magnetic and meteorological observations and send up pilot balloons in co-operation with the Amundsen Expedition before the announcement of Amundsen's expected arrival at Nome was received. It has now been decided by the international committee in charge to postpone this work for one year.

It is expected that during the year at least seven pilot balloon stations will be established across Canada to meet the requirements of the Air Board and for investigating the upper atmosphere.

The investigations on solar radiation and atmospheric electricity will be resumed during the year and it is also hoped to commence work on earth and ocean temperatures.

#### CLIMATOLOGY AND AGRICULTURAL METEOROLOGY.

The Monthly Record of Canadian meteorological data has been printed more promptly than ever before. The preliminary monthly map giving a summary of the weather of the Dominion for each month four days after it closes, has been continued and improved; also the 79th Annual Report of the Toronto Observatory has been published.

Special attention is being given to the weather of the western provinces, where the dependability of average or better than average weather is being worked out with the idea of mapping out the risks of farming in each district, depending upon the weather alone. The scarcity of observations of rainfall has been a serious drawback and it is hoped that a greater number of rainfall stations may be opened in the future.

Statistical studies of the yield of wheat and oats have been continued and a comprehensive attempt to abstract from all publications of other departments every reference to crops and the weather has been begun with the idea of determining to what extent other departments of the Government could co-operate with us in obtaining data valuable for study in agricultural meteorology without much extra effort or expense.

A paper outlining the main features of a study of the relation of the weather to the quality and yield of the sugar beet will be published this year.

Attention is devoted to the possibility of issuing special forecasts of settled weather conditions about a week in advance during harvest time, but so far we have not felt justified in issuing bulletins to the farming community.

During the fiscal year ending March 31, 1920, the photographic records of the daily changes in the magnetic elements at Agincourt were obtained without material loss. Magnetic disturbances were of frequent occurrence and often



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for short periods passed beyond the recording limits of our instruments. The most pronounced disturbances took place on the following dates: 1919—April 7, 17; May 2, 3; August 11, 12; September 19, 20; October, 1, 2, 3, 5, 6, 23; December 14, 15. 1920—March 4, 5, 22, 23.

Absolute observations were made weekly to keep control of the base line values of the differential instruments.

Tables showing the magnetic character of each day have been forwarded as usual to the International Commission on Terrestrial Magnetism. The days selected by the commission for analysis have been used in the preparation of the magnetic reports for both Agincourt and Meanook. The report for 1918 is now in progress.

At the request of the Surveyor-General, index corrections for the compasses attached to seventy-one surveyor's theodolites were determined and the results forwarded to him.

Assistance was given to several members of the staff of the Surveyor-General's Department in determining the constants of their total force instruments both before and after their field work, and also to Mr. French, of the Dominion Observatory, in standardizing his magnetometer both before and after his field work.

Special observations were made during the total solar eclipse of May 29 at the request of Dr. Bauer, Director of the Department of Terrestrial Magnetism, Carnegie Institution, Washington, and a report of the results forwarded to him.

At Meanook only the declination changes are observed photographically and the instrument for this purpose was maintained in operation throughout the year. During the very cold weather of the winter, difficulty was again experienced in keeping the clocks running and a considerable number of hours of record were lost.

Weekly observations were made of declination, inclination and twice monthly of horizontal force.

The accompanying tables give a summary of the results obtained at Agincourt and Meanook during the fiscal year 1919-20.

DAILY and Monthly Ranges.

| Month.         | D<br>Mean Daily Range      |                          | Absolute<br>Monthly<br>Range. | H<br>Mean Daily Range      |                          | Absolute<br>Monthly<br>Range. | Z<br>Mean Daily Range       |                          | Absolute<br>Monthly<br>Range. |
|----------------|----------------------------|--------------------------|-------------------------------|----------------------------|--------------------------|-------------------------------|-----------------------------|--------------------------|-------------------------------|
|                | From<br>Hourly<br>Readings | From<br>Max. and<br>Min. |                               | From<br>Hourly<br>Readings | From<br>Max. and<br>Min. |                               | From<br>Hourly<br>Readings. | From<br>Max. and<br>Min. |                               |
| 1919.          |                            |                          |                               |                            |                          |                               |                             |                          |                               |
| April.....     | 13.6                       | 25.7                     | 1 12.6                        | 52                         | 196                      | 504                           | 29                          | 68                       | 381                           |
| May.....       | 11.5                       | 32.9                     | 2 21.9                        | 66                         | 153                      | 783                           | 57                          | 126                      | 540                           |
| June.....      | 15.6                       | 21.2                     | 0 47.1                        | 54                         | 81                       | 169                           | 19                          | 57                       | 170                           |
| July.....      | 14.9                       | 20.6                     | 0 49.9                        | 48                         | 82                       | 338                           | 19                          | 51                       | 352                           |
| August.....    | 17.1                       | 31.7                     | 3 43.7                        | 66                         | 128                      | 930                           | 34                          | 92                       | 979                           |
| September..... | 13.5                       | 29.9                     | 1 37.8                        | 51                         | 108                      | 515                           | 39                          | 90                       | 474                           |
| October.....   | 10.1                       | 37.7                     | 2 27.0                        | 48                         | 151                      | 882                           | 38                          | 112                      | 617                           |
| November.....  | 6.8                        | 15.2                     | 0 52.3                        | 24                         | 47                       | 150                           | 9                           | 39                       | 123                           |
| December.....  | 6.2                        | 16.5                     | 1 27.1                        | 22                         | 62                       | 422                           | 19                          | 37                       | 386                           |
| 1920.          |                            |                          |                               |                            |                          |                               |                             |                          |                               |
| January.....   | 8.6                        | 15.1                     | 0 31.6                        | 34                         | 53                       | 98                            | 7                           | 31                       | 53                            |
| February.....  | 9.4                        | 14.8                     | 0 43.8                        | 31                         | 52                       | 155                           | 9                           | 19                       | 102                           |
| March.....     | 11.2                       | 33.6                     | 3 47.8                        | 70                         | 159                      | 1,192                         | 22                          | 107                      | 1,069                         |

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## SUMMARY of Results of Magnetic Observations made at Agincourt for the Fiscal Year 1919-20.

| Month.         | Mean Monthly Values. |          |          |         |
|----------------|----------------------|----------|----------|---------|
|                | D. West.             | H        | Z        | I       |
| 1919.          |                      | $\gamma$ | $\gamma$ |         |
| April.....     | 6 40.4               | 15,894   | 58,281   | 74 44.8 |
| May.....       | 40.2                 | 891      | 273      | 44.8    |
| June.....      | 39.9                 | 903      | 250      | 43.8    |
| July.....      | 40.2                 | 897      | 240      | 44.0    |
| August.....    | 41.8                 | 873      | 231      | 45.2    |
| September..... | 42.2                 | 896      | 228      | 45.5    |
| October.....   | 42.5                 | 863      | 233      | 45.7    |
| November.....  | 42.5                 | 878      | 221      | 44.7    |
| December.....  | 42.9                 | 878      | 224      | 44.7    |
| 1920.          |                      |          |          |         |
| January.....   | 43.4                 | 884      | 226      | 44.5    |
| February.....  | 43.7                 | 880      | 221      | 44.6    |
| March.....     | 44.8                 | 858      | 215      | 45.7    |

## SUMMARY of Results of Magnetic Observations made at Meanook for the Fiscal Year 1919-20.

| Month.         | Mean Monthly Values. |          |          |         |
|----------------|----------------------|----------|----------|---------|
|                | D. East.             | H        | Z        | I       |
| 1919.          |                      | $\gamma$ | $\gamma$ |         |
| April.....     | 27 41.3              | 12,948   | 60,414   | 77 54.2 |
| May.....       | 41.0                 | 56       | 345      | 53.5    |
| June.....      | 39.2                 | 48       | 346      | 53.4    |
| July.....      | 39.5                 | 59       | 326      | 54.2    |
| August.....    | 40.6                 | 46       | 465      | 54.9    |
| September..... | 41.0                 | 56       | 460      | 54.3    |
| October.....   | 41.1                 | 54       | 468      | 54.5    |
| November.....  | 40.8                 | 31       | 369      | 54.6    |
| December.....  | 40.5                 | 29       | 291      | 53.8    |
| 1920.          |                      |          |          |         |
| January.....   | 39.9                 | 34       | 375      | 54.5    |
| February.....  | 39.6                 | 19       | 219      | 53.5    |
| March.....     | 40.6                 | 12       | 298      | 54.8    |

## MEANOOK Daily and Monthly Ranges.

| Month.         | From hourly readings. | From Max. and Min. | Absolute Monthly Range. |
|----------------|-----------------------|--------------------|-------------------------|
| 1919.          |                       |                    |                         |
| April.....     | 14.4                  | 57.6               | 3 27.9                  |
| May.....       | 19.9                  | 61.5               | 3 09.5                  |
| June.....      | 18.5                  | 31.2               | 1 35.7                  |
| July.....      | 18.0                  | 35.1               | 2 20.2                  |
| August.....    | 21.7                  | 49.4               | 3 56.9                  |
| September..... | 16.5                  | 50.2               | 3 31.3                  |
| October.....   | 10.7                  | 72.5               | 3 55.8                  |
| November.....  | 6.3                   | 28.8               | 2 18.2                  |
| December.....  | 8.8                   | 32.9               | 3 51.4                  |
| 1920.          |                       |                    |                         |
| January.....   | 6.8                   | 24.1               | 1 37.2                  |
| February.....  | 6.4                   | 28.3               | 2 49.3                  |
| March.....     | 11.9                  | 69.6               | 5 06.6                  |

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## TIME SERVICE.

During the year ending March 31, 1920, seventy-three determinations for time were made by transit of stars in the meridian with the 3-inch Troughton and Simms transit instrument. The positions of the stars have been taken from the American Ephemeris and the British Nautical Almanac.

The collimation error of the transit instrument has been determined by reversal on the wires in the collimating telescope, reversal upon Polaris, and in conjunction with the determination of the instrumental azimuth error by suitable star transits in reverse and direct positions of the axis using a least square computation.

The different clocks have performed very satisfactorily but there is a great need of an additional mean time clock and chronometer.

The magneta clock and secondary circuits have not failed throughout the year and are in first-class condition.

The usual time exchanges between Toronto and Quebec, Montreal and St. John, N.B., have been made, being recorded on the chronographs at Toronto, Montreal, and St. John. The errors of the clock have been computed from the latest observations.

The 11:55 a.m. signals have been given over the fire-alarm systems throughout the year.

Time has been given weekly to the Magnetic Observatory at Agincourt and daily to the C.N.R. running out of Toronto.

The following table will show the differences between the times at the several observatories and that at Toronto. The sign + indicates slow of Toronto:—

| Date.            | Montreal. | Quebec.  | St. John. |
|------------------|-----------|----------|-----------|
| 1919.            |           |          |           |
|                  | Seconds.  | Seconds. | Seconds.  |
| April 25.        | -0.90     | -0.45    | -0.41     |
| May 9.           | -1.05     | -0.04    | -0.87     |
| June 6.          | -1.01     | -0.84    | a         |
| July 11.         | -0.93     | +0.50    | a         |
| August 5.        | -0.69     | +0.17    | -0.27     |
| August 29.       | -0.55     | -0.55    | -0.07     |
| September 19.    | +1.16     | +0.07    | -0.53     |
| October 10.      |           | +1.70    | -0.18     |
| October 31.      | -0.39     | +0.75    | +0.02     |
| November 21.     | +0.11     | +0.49    | +0.29     |
| December 5.      | +0.63     | -4.01    | +0.22     |
| December 19.     | +0.61     | +3.18    | +0.71     |
| 1920.            |           |          |           |
| January 9.       | +0.70     | +0.40    | +0.40     |
| January 30.      | -0.56     | -0.09    | +0.20     |
| March 19.        | -0.80     | +1.01    | -0.27     |
| Mean difference. | -0.26     | +0.5     | -0.06     |
| Total range.     | 2.21      | 7.19     | 1.58      |

a. Observer away.  
t. Wire trouble.

## SOLAR OBSERVATIONS.

The sun was observed on 160 days and on all of those days spots were visible. Maps were made with the 6-inch Cook refracting equatorial telescope using a 50-power eye-piece, the projected image being 5 inches in diameter.

The principal sunspot groups occurring February 1 to 12, three large groups, two north and one south of the equator.

On May 9 a large group of small spots with a very large penumbral spot preceding, was central on the sun.

June 16 to 23, two groups of large penumbral spots north and south of the equator, and again a very large disturbed area was visible from August 15 to 24, being central on the 19th.

The mean sunspot relative numbers for the months of the civil year ending December 31, 1919, were: January, 68.3, February, 94.7, March, 67.5, April 64.5, May 95.9, June 139.7, July 83.2, August 102.6, September 61.7, October 62.2, November, 46.7, December 57.6. Yearly mean 78.7 being slightly in excess of that of 1918 (74.6). These relative numbers are computed from Wolf's formula,  $r=10g + f$  where  $g$  is the number of groups visible on any day and  $f$  the total number of spots, whether they were in groups or isolated.

#### SEISMOLOGICAL OBSERVATIONS.

The Milne seismographs at Toronto and Victoria have been kept in efficient working order, with comparatively little loss of record, throughout the fiscal year. No change has been made in the adjustments of the instruments, both booms being kept at a period of 18 seconds.

In Toronto, 158 unfelt earthquakes were recorded. This is the largest number recorded at Toronto in any year, being 61 greater than average as deduced from 21 years' data, and 24 greater than recorded last year. The largest monthly total, 21, occurred in May, and the least, 5, in February. There has been marked increased seismic activity since 1914.

The most important quakes were recorded on April 17 and 30, May 3 and 6, August 29 and 31, September 6, January 4 and March 29.

The tidal gauges at San Francisco and other stations on the Pacific coast recorded sea waves caused by the earthquake of April 30, the principal effect lasting from 12 to 20 hours. Records from various seismographs show that there were two earthquakes on the 30th, and the times not being far apart, various phases overlapped, the principal one occurring at 7h. 16m. G.M.T., with epicentre approximately in latitude  $6^{\circ} 48'$  south, and longitude  $158^{\circ}$  west.

The origin of the earthquake of January 4 was near mount Orizaba, a volcano situated about seventy miles west of Vera Cruz. In this vicinity the most serious damage was done. The amplitudes of record for this earthquake at Toronto and Victoria were not commensurable with the destructiveness in the region of origin, possibly owing to its volcanic nature.

We forward abstracts of all our observations to various seismological centres throughout the world and receive a number of bulletins in return. We also publish the records in several journals, and there is increased demand from various societies for copies of our data. We furnish the Associated Press with information, by request, concerning the character of any large earthquake and the distance to the epicentre as ascertained from the times of arrival of the various phases. The Toronto evening papers are sometimes supplied with bromide copies of the record.

Epicentres of all large earthquakes are determined after sufficient and trustworthy seismological data are received to base the plotting on.

Investigation regarding the correlation of microseism and meteorological phenomena has been regularly carried out by examination of the daily weather map and local temperatures. These mysterious pulsations suddenly appear at times and continue for days, then as suddenly disappear. They were supposed to be caused by convection currents set up in the instrument room, but lately it has been concluded that the majority of them are seismic in nature. They often mask the various waves on a record.

We systematically group records of large earthquakes emanating from similar centres and find a strong resemblance in many of the features of the records so that knowing the areas of seismic activity, one may sometimes be able to locate a particular earthquake, by the study of a single seismogram.

It is hoped shortly to install the Milne-Shaw type of instrument, both at Victoria and at Toronto. This is the instrument adopted by the British Asso-

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ciation; also in the near future to equip the Magnetic Observatory at Meanook, Alberta, with a similar instrument.

## PHENOLOGICAL OBSERVATIONS.

The reports received from observers during the past year were excellent. These reports of the dates of flowering of plants, ploughing, sowing, reaping, etc., not only indicate fairly the climatic conditions of a district, but add to our knowledge of the effect of weather upon agriculture. Excellent schedules with average dates for Nova Scotia were received from Dr. A. H. Mackay, Superintendent of Education, for that province, and we are indebted to Mr. W. H. Magee, Inspector of Schools for part of Saskatchewan, who also kindly supplied schedules. The results of these observations which are published in the Annual Supplement of the Monthly Meteorological Record, also in the Annual Report of the Royal Society of Canada, were prepared by Mr. F. F. Payne, of the Central office.

## OUTSIDE STATIONS.

The 611 Meteorological stations reporting to the Central office, are divided into two divisions, the first of which includes 333 stations where the observing is performed voluntarily by observers who keep a daily record of the weather, using instruments furnished by the Government. In many instances the record kept is most comprehensive, and to the observers at these stations the country owes a debt of gratitude for data which is of great value. In the other division are 278 stations where remuneration is allowed. Those stations are divided into various classes, according to the work performed, as follows: 15 Chief stations, 41 Telegraph stations, 109 Rainfall stations; 72 Climatological stations, 39 Bulletin stations and 2 Magnetic stations.

There are also 101 meteorological agents whose duty it is to attend to the display of storm signals.

The daily forecasts are based on bi-daily reports from 41 Telegraph Reporting stations and 6 of the Chief stations, together with about one hundred reports from the United States. The utmost regularity and promptness is required from observers at these stations in filing their reports for transmission by wire to the Central office, every day throughout the year, including Sundays and holidays.

The reports of the more important Meteorological stations, Victoria, B.C., Montreal, Quebec, and St. John, are given in appendices, A. B. C. D.

## APPENDIX "A."

The Director of the Quebec observatory reports as follows:—

As in the past, the usual daily observations were taken regularly, and the various instruments under my care have been kept in good order.

Statistics and reports on the weather conditions were given to the public, and this office is growing in importance in that respect.

Reports were also furnished to our local civil courts with regard to precipitation and wind storms, etc., in various cases in which such data were required.

The time-ball, which has been in operation during the whole navigation season last year, is now being overhauled to be made ready for the next season, which is expected to take place in the very near future.

## APPENDIX "B."

The Director of the St. John, N.B. observatory reports as follows:—

The tri-daily meteorological observations have been carried on at 9 a.m., 3 p.m. and 9 p.m. without change from my former report. Results of the morn-

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ing and night observations were immediately coded and telegraphed to the Central office, Toronto, for use of the weather chart. The eye readings at the above mentioned fixed intervals made with the standard or control instruments serve to check the autographic recorders which continuously register barometric pressure, temperature and humidity, from these instruments as well as the sunshine recorder, electrical rainfall and wind direction and velocity registers, hourly values are abstracted and daily and monthly means computed. An additional reading of the various instruments and general condition of the weather is made at noon to accompany the daily report furnished the afternoon newspapers.

No material changes have been made in the meteorological equipment or the exposures.

The wind instruments at Point Lepreaux continue to give valuable records of direction and velocity in that vicinity. The daily record sheets from the register at that station have been sent here weekly for analysis and tabulation. The anemometers at this station as well as at St. John have been frequently changed and cleaned to maintain them in efficient working condition.

The weather bulletin has been printed in the observatory every week day morning immediately after receipt of the telegraphic message from Toronto. The forecasts, synopsis of prevailing data from selected stations provide most satisfactory information, which is of great value to mariners, shippers and other interests depending largely on weather conditions. Copies of this bulletin are posted in public places, distributed through the mail and published in afternoon newspapers.

The New Brunswick Telephone Company continues the courtesy of telephoning the forecasts to their various offices throughout the province.

Numerous calls by telephone are daily received for the time, weather forecasts and other information connected with the service. During the past year the clerical work in answering correspondents for statistics and for special information required by transportation companies and others has decidedly increased, much detailed information is required particularly during the winter months when shipments through this port are most extensive and at other times when engineers are making surveys and investigations.

The reports received monthly from all stations in the Maritime Provinces have been checked and many of them summed and meaned. After entering the necessary data in our abstract registers they have been forwarded to the Central office at Toronto. Statistics from these are available here to reply promptly to inquiries for data covering different places in the Maritime Provinces. During the past year several new temperature and rainfall stations have been opened at places not heretofore reporting.

#### MARITIME PROVINCE TIME SERVICE.

For the determination of the errors and rates of the sidereal clocks, observations of standard stars were made entirely by the transit micrometer method, the records from the contact points on the micrometer head recording on the chronograph along with the seconds of the observing clock. Reversals were made on each star to eliminate collimation and pivot error corrections, nine contacts being made on each position of the axis and from six to ten stars including not less than two polars for azimuth. The Rieffer sidereal clock in the basement clock room has been run under constant pressure and temperature. The sealing of the clock continues absolutely perfect, and no use of the air pump was necessary. The Kullberg sidereal clock was cleaned and is now in perfect condition. The rates of both these clocks have been small and steady.

The mean time transmitting clock was cleaned in March and its electrical attachments for automatically sending the time signals re-adjusted. The

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various electrical appliances connected with the transmission of time signals and synchronizing clocks are in good condition. The 10 a.m. Atlantic Standard time signals have been regularly continued. Special signals frequently called for are transmitted by telegraph or telephone, the beats of the clock relay being quite audible in the long distance and local receivers.

The St. John time-ball has been dropped each week-day at 1 p.m. Atlantic Standard, excepting for several days in February owing to a severe ice storm on the sixth of that month which completely interrupted all local wire service. The system of hourly synchronizing tower, street, bank, office and factory clocks in St. John, by direct wire from the observatory, continues to be most useful and satisfactory. Some chronometer and watch adjusters have clocks which are hourly corrected by the synchronizing signal, others have bells which give an audible signal every hour, and some take the beats from the clock relay through the telephone. The public generally make many calls daily for the correct time.

The Halifax time-ball has been dropped each week-day at 1 p.m. Atlantic Standard, by time signals from this observatory through the master clock in the Western Union office there, which is automatically corrected by the 10 a.m. time signal from St. John; occasionally, owing to wire or other troubles, the signal has to be repeated at following hours. Many of the watch and chronometer adjusters in Halifax, the Admiralty, Cable Docks, Nova Scotia Telephone Company and others have wire connections with the Western Union, and receive the daily signals.

Watch inspectors of the Canadian National Railways in the Maritime Provinces have wire connections with sounders on their premises to receive the signal from the observatory.

The observatory grounds have been maintained in good condition, particularly the spacious lawn, where the outside meteorological instruments are exposed.

## APPENDIX "C."

The Director of the Gonzales Heights observatory, Victoria, B.C., reports as follows:—

During the past year the regular meteorological observations have been taken and daily weather forecasts issued for Vancouver island, the lower mainland, Kamloops and Kootenay districts. Arrangements have also been made to furnish special weather forecasts for the benefit of the fruit growers in the Okanagan Lake district. These will be issued during the spring and early summer as a means of warning the growers of the probable advent of serious frosts, and in the autumn and early winter warnings will be issued in connection with the probable approach of pronounced cold spells for the benefit of fruit shippers desirous of forwarding fruit through the mountains to the Prairie Provinces.

Storm warnings have been issued for Victoria, Vancouver and Nanaimo; these have been appreciated especially by owners of small craft, and numerous 'phone inquiries have been answered respecting general weather conditions, and when safe to leave port on towing and fishing operations.

Monthly summaries of the temperature and precipitation as obtained from our telegraph stations have been regularly published in the press of the province.

The monthly weather reports now received from 145 stations in this province and the Yukon have been regularly checked, entered in our register, then forwarded to you for publication. As numerous inquiries are received here for weather data on specified dates from our stations, I am now entering the daily

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readings here for all stations, as well as the monthly summaries, in order that prompt replies may be furnished inquirers.

#### TIME SERVICE.

Star transits have been taken at intervals and accurate time maintained. The time-ball which is installed on one of the highest city buildings has been dropped daily (including Sundays) at 1 p.m., and has throughout given perfect satisfaction.

Time is also furnished to numerous inquirers by the phone. At 10 a.m. daily the time is also sent from this office by wireless to all the radio stations within 300 miles, and all shipping within this area, including that in the ports of Vancouver and Nanaimo can also receive this time.

In order to obviate the present hand-sending method, I am pleased to state that I, in conjunction with Mr. Haughton, superintendent of our wireless service here, and members of his staff, have designed an automatic instrument which, started by our clock to the nearest tenth of one second, will send the international time signals by wireless for the period of three minutes. The exact termination of each minute being clearly defined.

The instrument, which was constructed in the wireless workshop here, is a very fine piece of mechanism and reflects great credit upon those engaged upon it.

It is expected to have this instrument in regular daily service very shortly.

During the past year over 1,800 visitors have been shown over this institution, and addresses bearing on the work of our service have been given both to school classes and at public meetings.

The following stations have been inspected during the year: Nanaimo, Entrance Island, Summerland (installed electric anemograph), Penticton, Keremeos, Nelson, Creston, Kaslo, Grand Forks, Osoyoos, Kelowna, Armstrong, Salmon Arm, Granite Peak, Kamloops, Tranquille, Quesnel, and Barkerville.

The past year has been remarkable for the large number of earthquakes recorded here, amounting to 149, which is the greatest annual number registered here since the seismograph was installed in 1899. The greatest monthly number of quakes was 20 in May, 1919, and February, 1920, while in September and November only 8 quakes were recorded in each month. During the night of January 23 an earthquake lasting several seconds was felt both on Vancouver island and about Vancouver city. It was well recorded here, and from careful measurements its origin appears to have been under the Strait of Georgia in the vicinity of Mayne island.

Certain necessary repairs and painting asked for have been completed by the Public Works Department in a most satisfactory manner pertaining to the interior of the building, and during the fine summer season the exterior walls and dome are to be cleaned and repainted white, which will certainly add greatly to the beauty of this building, as well as preventing further weather action now becoming apparent.

#### APPENDIX "D."

The Director of the McGill University observatory, Montreal, reports as follows:—

The prescribed work of this station has been carried on without interruption; all routine work has been punctually attended to. In addition to daily weather summaries to the press and printed abstracts, inquiries by telephone or letter or personal applications for information on weather particulars or climatic data are being met. The daily forecast from the Central office is frequently called for.



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Time signals have been supplied to the city, the commissioners of the harbour, the Canadian Pacific and Grand Trunk railways, various jewellers and corporations.

The staff comprises the director, a young lady assistant and, when available, an observer for the 8 o'clock weather reports. The writer does the time service and part of the weather observing. The lady attends to the office, sends time signals, typewrites, and answers the telephone.

Certain particulars of improvements to the equipment may be given. A Howard astronomical clock from the Geodetic Laboratory was overhauled and installed in the observatory as a relief to the master clock in case of accident to the latter. The new arrival has attained surprisingly good time-keeping properties.

The Riefler and Ballou sidereal clocks were both cleaned and adjusted, and the four clocks are now running satisfactorily.

We were fortunate in arriving at this result without any expenditure. The labours of Mr. A. Stirling, than whom we can imagine no more skilled artist with timepieces, were given freely. We regret his removal of residence to Scotland. Mr. Stirling also rebuilt an astronomical clock, replacing the Howard taken from the Geodetic Department to the observatory, and kept all the observatory instruments in repair through the year.

A wireless receiving set was recently installed, but as yet is not sufficiently complete to receive the Arlington time.

The calendar record of difference of temperatures between the summit of Mount Royal and this station is still being kept up. We have long held the view that this investigation was as futile as it is ingenious. The differences are never, on our examination, following any rational system. Impending weather changes certainly are not indicated. It runs of its own inertia and costs about \$100 per year. I believe the Physics Department concurs in my views of its futility. We should very much like to have the distant thermometer a mile or so in the air with an assurance that all cable effects really were compensated. Something then would be added to knowledge.

Near the surface of the hill, and only some 500 feet above us, nothing may be expected, even if accurate differences were attained.

The Harbour Commissioners' time-ball is still unsuitably exposed to fulfil its main purpose; it cannot be seen from half the ships. The lack of current in their loop, or their defects, have caused several failures to drop the ball this year.

The Great Northwestern Telegraph Company have attended to our business satisfactorily.

## REPORT OF L. A. DEMERS, WRECK COMMISSIONER.

|  |    |
|--|----|
| Formal investigations during the year..... | 22 |
| Preliminary inquiries.....                 | 4  |

During the calendar year 1919 there were 240 casualties reported to the department, the tonnage of same being 205,720 and the stated damage \$1,808,690, while 126 lives were lost.

Of this total number of casualties 207 were to coasting and sea-going vessels, the tonnage of same being 176,043 and the stated damage \$1,211,010; 100 lives were lost; 33 of the casualties were to inland vessels, the tonnage of same being 29,677 and the stated damage \$597,680.

In 150 cases of casualties to coasting and sea-going vessels and 18 to inland vessels, the amount of damage is not stated.

Sixty-four of the casualties to coasting and sea-going vessels, consisting of 21 steam and 43 sailing vessels, resulted in total losses, the tonnage of same being 27,249 (Canadian, 17,333; British, 2,816; foreign, 7,100).

Ten of the casualties to inland vessels, consisting of 9 steam and 1 sailing vessels, resulted in total losses, the tonnage of same being 6,837 (Canadian, 3,175; foreign, 3,662).

Casualties are given under the following headings:—

| <i>Coasting and Sea-going Vessels.</i>                 |    |
|--|----|
| Collisions.....  | 36 |
| Foundering.....  | 30 |
| Miscellaneous accidents: fire, loss of sails, etc..... | 59 |
| Strandings.....  | 82 |
| <i>Inland Vessels.</i>                                 |    |
| Collisions.....  | 7  |
| Foundering.....  | 10 |
| Miscellaneous accidents.....                           | 1  |
| Strandings.....  | 15 |

## STATEMENT of investigations into wrecks and casualties which occurred to Canadian, British and Foreign vessels, held during the fiscal year 1919-1920.

| Name of Ship and Official Number.               | Registered Port.           | Remarks.  |
|---|----------------------------|---|
| Albatross.....                                  | (Portuguese).....          | On March 9 was wrecked off Long Island, Nova Scotia, and two lives were lost. Preliminary inquiry was held at Halifax on March 14 before Captain, W. F. Mitchell.<br><i>Finding.</i> —Vessel was needlessly thrown away.  |
| Admiral Hasting.....                            | (British).....             | On August 22, stranded on Bagot bluff, gulf of St. Lawrence. Formal investigation was held at Sydney, on September 5, before Captain L. A. Demers, Dominion Wreck Commissioner, assisted by Captains A. J. Morrison and O. C. Lewis, acting as nautical assessors.<br><i>Finding.</i> —Error of judgment on part of master Frank Dudley. On account of his previous good record, his certificate is not dealt with, but he is cautioned.                      |
| Bohemian.....<br>113400                         | Liverpool, G.B.....        | On 3 area 1 stranded near Sisters rock, Sambro ledges, N.S., and six lives were lost. Formal investigation was held at Halifax, on March 5 and 6, before Captain J. B. Henry, assisted by Captains Neil Hall and C. O. Allan, acting as nautical assessors.<br><i>Finding.</i> —Master Ernest C. Hiscoe at fault for not having taken soundings. His certificate is suspended for four months.  |
| Corcoran.....<br>and<br>Champion.....<br>103975 | (American).....<br>Quebec. | On June 2, collided off island of Orleans. Formal investigation was held at Quebec, on June 30 and July 4, before Captain L. A. Demers assisted by Captains Chs. Lapierre and C. J. Stuart, acting as nautical assessors.<br><i>Finding.</i> —SS. <i>Champion</i> alone to blame for collision. Both master and first mate in default. Certificate of Donat Lemay, Master, and is suspended for six months, that of Alcide Gagne, 1st Mate, for three months. |
| Chebucto (Ferry).....<br>108683                 | Halifax.....               | On June 9 injured Halifax dock, through negligence on part of SS. <i>Hippolyte</i> . Formal investigation was held at Halifax, on July 30, before Captain L. A. Demers, assisted by Captains Neil Hall and Jos. Blois, acting as nautical assessors.<br><i>Finding.</i> —Damage to dock caused by SS. <i>Hippolyte's</i> presence in close proximity to the ferry and the entrance to her landing place. Master Jas. A. Crouse is severely reprimanded.       |

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STATEMENT of investigations into wrecks and casualties which occurred to Canadian, British and Foreign vessels, held during the fiscal year 1919-1920—Continued.

| Name of Ship and Official Number.                 | Registered Port.   | Remarks.  |
|---|--------------------|---|
| Caddo.....  | (American).....    | On June 15 stranded at Isle aux Basques, St. Lawrence river. Formal investigation was held at Montreal, on July 21, before Captain L. A. Demers, assisted by Captains Chs. Lapierre and C. J. Stuart, acting as nautical assessors.<br><i>Finding.</i> —Pilot Phileas Lachance responsible for accident, in not adopting precautionary measures in foggy weather. He is severely reprimanded and cautioned.   |
| Couzelette<br>128065.....                         | Quebec.....        | On August 8 stranded on Seal rock. Formal investigation was held at Quebec, on September 18, before Captain H. St. Geo. Lindsay, assisted by Captains J. F. Robinson and W. E. Mitchell, acting as nautical assessors.<br><i>Finding.</i> —Master Joseph Delisle to blame, as he failed to use either good judgment or ordinary care in navigating his vessel so close to a lee shore. His certificate is suspended for three months.   |
| Captain Dan.<br>141373.....                       | Montreal.....      | On August 22 collided with breakwater and sank in Quebec harbour. One life was lost. Formal investigation was held at Quebec, on August 25, before Captain L. A. Demers, assisted by Captains Chs. Lapierre and C. J. Stuart, acting as nautical assessors.<br><i>Finding.</i> —Master J. B. Camache in default for lack of judgment. His certificate is suspended for two months. Pilot Eudors Langlois did not exercise proper judgment in bringing ship so close to breakwater, and showed marked indifference in issuing orders for course. His license is suspended for four months. Mate Tremblay is severely reprimanded for not having rendered immediate assistance to the women and launching the boats. No one responsible for the loss of life, which was accidental. |
| Cape Breton<br>97808.....                         | Montreal.....      | On April 5 damaged by explosion on board, while at Cape Spear, Nfld. Formal investigation was held at Sydney, on September 25, before Captain L. A. Demers, assisted by Captains C. M. Crockett and Geo. Symington, acting as nautical assessors.<br><i>Finding.</i> —No one to blame; accident due to the weakening of the patch on the centre furnace and bottom of combustion chamber, through corrosion.  |
| Canadian Volunteer.....<br>141424.                | Montreal.....      | On December 8 stranded in Cap a la Roche channel. Formal investigation was held at Montreal on December 22, before Captain L. A. Demers, assisted by Captains Chs. Lapierre and C. J. Stuart, acting as nautical assessors.<br><i>Finding.</i> —No one to blame; accident due to uncontrollable circumstances, ice and snow contributing to neutralize the pilot's knowledge and efforts.   |
| Chelston<br>119444.....                           | Glasgow.....       | On September 12 stranded on St. Paul island, Cape Breton. Formal investigation was held at Montreal on October 9, before Captain L. A. Demers assisted by Captains Chs. Lapierre and C. J. Stuart acting as nautical assessors.<br><i>Finding.</i> —Accident due to grave error of judgment on part of Master A. M. Fotheringham. His certificate is suspended for three months.  |
| Glenholm.....                                     | (Canadian).....    | On August 22 stranded on Goose Tongue rock, Spence's island, N.S. Formal investigation was at St. John on September 9, before Captain L. A. Demers, assisted by Captains A. J. Mulcahy and O. C. Lewis, acting as nautical assessors.<br><i>Finding.</i> —Error of judgment on part of Master H. W. Moore. He is severely reprimanded, but, on account of his previous good record, his certificate is not dealt with.  |
| Gladys H. (barge)<br>and<br>Eric W.....<br>116815 | Montreal.....      | On July 12 the <i>Eric W.</i> caused the <i>Gladys H.</i> to collide with the C. P. R. bridge in Lachine canal. Formal investigation was held at Montreal on October 9 and 10, before Captain L. A. Demers, assisted by Captains Chs. Lapierre and C. J. Stuart, acting as nautical assessors.<br><i>Finding.</i> —Master of <i>Eric W.</i> , J. Theo. Marchand, violated Art. 29 of Rules of the Road for the Great Lakes. His certificate is suspended for one month.   |
| Germanicus.....                                   | (British).....     | On Nov. 7 stranded on Biquette island, St. Lawrence river. Formal investigation was held at Montreal on November 21, before Captain L. A. Demers, assisted by Captains C. J. Stuart and Chs. Lapierre, acting as nautical assessors.<br><i>Finding.</i> —Master John Clive incapable to administrate or exercise vigilance, having indulged in intoxicating liquors. His certificate as Master is cancelled, but Court recommends that a Mate's certificate be granted him.   |
| Huronic<br>107185.....                            | Collingwood, Ont.. | On August 15 stranded on Angus island, lake Superior. Formal investigation was held at Sarnia on September 17, before Captain L. A. Demers, assisted by Captain Peter McIntyre and Captain Ben. Garvie, acting as nautical assessors.<br><i>Finding.</i> —Error of judgment on part of Master, E. Walkinshaw, and his certificate is suspended for one month.   |
| Hendrick Lund.....<br>21—5½                       | (Norwegian).....   | On March 6 stranded at Dartmouth, N.S. Preliminary inquiry was held at Halifax on March 9, before Captain W. F. Mitchell.<br><i>Finding.</i> —Accident due to anchor dragging.  |

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STATEMENT of investigations into wrecks and casualties which occurred to Canadian, British and Foreign vessels, held during the fiscal year 1919-1920—*Concluded.*

| Name of Ship and Official Number.                            | Registered Port.                 | Remarks.  |
|--|----------------------------------|---|
| Lake Frolena.....  | (American).....                  | On August 6 stranded near Pointe du Chene, Northumberland strait. Formal investigation was held at Quebec on August 19, before Capt. L. A. Demers, assisted by Captains Chs. Lapierre and C. J. Stuart, acting as nautical assessors.<br><i>Finding.</i> —Pilot, Norbert Arcand, responsible for accident. His license is suspended for one month.  |
| Lakeport.....<br>and<br>Howard W.<br>133821                  | (American).....<br>Montreal..... | On October 29 collided near Hamilton's Light, Coteau lake. Formal investigation was held at Montreal on December 16 and 17, before Captain L. A. Demers, assisted by Captains J. A. Ouellette and Chs. Lapierre, acting as nautical assessors.<br><i>Finding.</i> —Howard W. alone to blame for collision. Certificate of Mate, L. J. Daigneault, suspended for seven months, for failure to comply with Rule 25 of Great Lakes Rules of the Road, and lack of judgment and prudence. Master L. Daigneault warned not to absent himself from bridge, in future, at crucial periods.   |
| Manxman.....<br>938255                                       | Montreal.....                    | On Dec. 18 foundered in Lat. 41-53' N, long. 59-31' W, North Atlantic and forty-three lives were lost. Preliminary inquiry was held at New York by the British Consul.<br><i>Finding.</i> —Accident due to heavy weather.   |
| North Star.....  | (American).....                  | On August 8 stranded near Yarmouth, N.S. Formal investigation was held at Yarmouth on August 4, before Captain L. A. Demers assisted by Captains E. E. Tedford and R. W. Goudey, acting as nautical assessors.<br><i>Finding.</i> —Captain Lewis F. Strout in default for careless navigation. Copy of finding forwarded to American Consul at Yarmouth, or action, if necessary.   |
| Rio Negro.....<br>143303                                     | London.....                      | On November 17 stranded near Pointe des Monts, St. Lawrence river. Preliminary inquiry was held at Quebec on November 20, before Captain H. St. George Lindsay. A formal investigation ensued, being held also at Quebec on December 3, before Captain L. A. Demers, assisted by Captains Chs. Lapierre and C. J. Stuart, acting as nautical assessors.<br><i>Finding.</i> —First Officer Alfred Hodder lacked in judgment by resuming his course without making himself positive of the nature of the light. His certificate is suspended for three months. 2nd Officer David Davies in default for disobeying instructions. His certificate is suspended for three months.  |
| Scotia.....<br>111875.                                       | Ottawa.....                      | On May 16 stranded at Mulgrave, N.S. Formal investigation was held at Mulgrave, on July 11th, before Captain L. A. Demers, assisted by Captains J. B. Scott and E. Smith, acting as nautical assessors.<br><i>Finding.</i> —Master, Geo. Cresine, erred in judgment in proceeding on when he failed to hear the fog-horn from Mulgrave, especially in view of the fact that there was a very strong tide and dense fog.   |
| War Toronto.....   | (British).....                   | On May 1 stranded on Hertel island, Montreal harbour. Formal investigation was held at Quebec on May 9th, before Captain L. A. Demers, assisted by Captains Chs. Lapierre and Chd. Koenig, acting as nautical assessors.<br><i>Finding.</i> —No one to blame: accident due to unforeseen happening.   |
| War Beryl.....<br>143057<br>and<br>Beaujeu (dredge).         | London.....                      | On May 21 collided near Crane Island, river St. Lawrence. Formal investigation was held at Quebec on May 27 and 28, before Captain L. A. Demers, assisted by Captains Chs. Lapierre and Alf. Hope, acting as nautical assessors.<br><i>Finding.</i> —War Beryl mainly to blame. Master, Robt. McKillop, erred in judgment by being absent from the bridge when navigating in narrow channel. He is cautioned. 1st Officer, H. A. Moore, is also cautioned. Pilot Joseph Delisle gravely erred in judgment in not reducing speed. His license is suspended for four months.<br>Master of dredge <i>Beaujeu</i> , A. Bourget, is severely reprimanded or not having had an officer and a watchman on duty.<br>Captain Hope, assessor, is dissident. |
| Waybausnene.....<br>112336, and<br>Long Sault.....<br>126853 | Collingwood, Ont.)<br>Quebec.    | On May 16 damaged in collision with SS. <i>Saguenay</i> , in Sorel harbour. Preliminary inquiry was held at Quebec on July 18 and at Sorel on July 22, before Captain L. A. Demers.<br><i>Finding.</i> —Handling of barge <i>Waybausnene</i> not done in seaman-like manner.  |
| War Witch.....<br>and<br>Gallia.....                         | (British).....<br>(French).....  | On August 7 collided in lat. 46-22' N., long. 55-35' W., North Atlantic, resulting in the sinking of the <i>Gallia</i> and loss of 19 lives. Formal investigation was held at Halifax on August 12 and 13, before Captain L. A. Demers, assisted by Captains O. E. Lewis and A. J. Morrison, acting as nautical assessors.<br><i>Finding.</i> —War Witch to blame for collision. Master and 2nd Mate in default. Certificate of Master William B. Bennett is cancelled, but Court recommends that he be granted a Mate's certificate. Certificate of 2nd Mate, Christopher Carroll, is suspended for a year.  |

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STATEMENT of wrecks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1919.

COASTING AND SEA GOING WRECKS.

| Date of Casualty. | Name of Ship.<br>Official No. | Age of Ship.<br>Years. | Registered Port.            | How rigged.<br>Iron or wood.<br>Steam or sail. | Regis. Number. | Port sailed from.<br>Port bound to.                | Place where Casualty happened.                             | Particulars of Casualty.<br>Name of Master.                    | Lives lost. | Loss.<br>Total or Partial               |
|-------------------|-------------------------------|------------------------|-----------------------------|--|----------------|--|--|--|-------------|---|
| Jan. 28           | Alicante<br>138385            | 2                      | Lunenburg, N.S.             | Schr.<br>Wood                                  | 100            | Barbadoes,<br>Lahave, N.S.                         | Lat. 20° 13' N.<br>Long. 67° 41' W.<br>N. Atlantic.        | Damaged in gale.   |             | Partial loss                            |
| May 1             | Acedia<br>112126              | 16                     | Lunenburg, N.S.             | Sail   | 91             | Halifax  | George's island,<br>Halifax harbour.                       | M. Romkey<br>Founded with <i>Alfredo</i> .                     |             | Partial, \$1,500.                       |
| June 7            | Albert J. Lutz<br>121818      | 11                     | Halifax                     | Sail   | 95             | Rose Blanche, Nfld.<br>Catalina, Nfld.             | 6 miles S.E. of Cape<br>Broyle, Nfld.                      | W. White.<br>Founded.<br>J. Jackson.                           | 1           | Total loss.                             |
| July 27           | Admiral Knight<br>214659      | 3                      | Tacoma, Wash.               | Schr.<br>Wood                                  | 348            | Seattle, Wash.<br>Ketchikan, Ala.                  | Sand Heads Light, Gulf<br>of Georgia.                      | Burnt.<br>H. J. Allan.   |             | Total loss.                             |
| Aug. 14           | Authentic<br>140875           | 1                      | Liverpool, N.S.             | Steam  | 22-71          | Liverpool, N.S.                                    | Off Liverpool.   | Stranded.  |             | Total, \$6,000.                         |
| Aug. 22           | Admiral Hastings<br>143229    | 1                      | W. Hartlepool, Eng.         | Wood.  | 1,903          | Montreal, N.S.<br>Great Britain.                   | Bagot Bluff, Anticosti.                                    | R. E. King.<br>Stranded.                                       |             | Partial.                                |
| Sept. 15          | Audrey A.<br>138684           | 3                      | Barrington Passage,<br>N.S. | Steel.   | 10-28          | Barrington, N.S.<br>Fishing.                       | 20 miles S. of Cape Sable                                  | Abandoned.<br>J. A. Stewart.                                   |             | Total, \$1,000.                         |
| Nov. 4            | Alice<br>103206               | 21                     | Liverpool, N.S.             | Schr.<br>Wood,<br>Glass                        | 42             | Halifax.<br>Sheet harbour, N.S.                    | Entrance Jeddore har-<br>bour.                             | Stranded.<br>F. Walsh.   |             | Total.<br>Ship, \$800.<br>Cargo, \$800. |
| Nov. 5            | Audrey P. Brown<br>141383     | 1                      | Lahave, N.S.                | Sail   | 218            | Lahave, N.S.                                       | Liverpool Bay, N.S.  | Stranded.  |             | Partial, \$5,000                        |
| Nov. 14           | Am. Corby<br>107209           | 19                     | Digby, N.S.                 | Sail   | 71             | Metagan, N.S.<br>Boston, Mass.                     | Island Point Buoy, N.<br>Atlantic.                         | R. M. Brown.<br>Collided with <i>Ransom</i><br><i>Fuller</i> . |             | Partial.                                |
| Nov. 19           | Arabia<br>11750               | 17                     | St. Johns, Nfld.            | Schr.<br>Wood                                  | 80-00          | Fortune, Nfld.<br>Galloway, Nfld.                  | Little Round Shoal, St.<br>Peters Bay, N.S.                | Stranded.<br>A. Thibaudau.                                     |             | Total.                                  |
| Nov. 20           | Annie B. Anderson<br>138474   | 2                      | Parrsboro, N.S.             | Sail   | 465-94         | Triza, Spain<br>Gibraltar.                         | Lat. 42° 30' N.<br>Long. 63° 30' W.<br>N. Atlantic.        | Loss of sails.<br>E. H. Kirby.                                 |             | Partial, \$2,000.                       |
| Dec. 4            | Aranmore<br>98879             | 30                     | Ottawa                      | Schr.<br>Iron                                  | 502            | Charlottetown, P.E.I.<br>Labrador.                 | Between Wolf and<br>Cochbacks Bay<br>Island, Can. Labrador | Stranded.<br>D. M. Macdonald.                                  |             | Partial.                                |
| Dec. 20           | Aquadilla<br>111641           | 17                     | Lunenburg, N.S.             | Schr.<br>Wood                                  | 99             | Fortune, Nfld.<br>Lunenburg, Nfld.                 | Lamaline.  | Stranded.<br>C. E. Bennett.                                    |             | Total, \$5,000.                         |
| June 5            | Bedeque<br>129035             | 11                     | Liverpool, N.S.             | Schr.<br>Wood                                  | 34             | Port Hawkesbury, N.S.<br>Port Hawkesbury, N.<br>S. | Madam Island, N.S.   | Foundered.   |             | Total, \$5,000.                         |
| Sept. 12          | B. L. Rafuse<br>141134        | 1                      | Lahave, N.S.                | Schr.<br>Wood<br>Sail                          | 480-51         | Guadeloups,<br>Bordeaux.                           | 20 miles S. of Sombro<br>Light, W.I.                       | Burnt.<br>J. H. Richard.                                       |             | Total.                                  |

## STATEMENT OF wrecks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1919.—Continued.

## COASTING AND SEA-GOING VESSELS.

| Date of Casualty. | Name of Ship.<br>Official No. | Age of Ship.<br>Years. | Registered Port.         | How rigged.<br>Iron or wood.<br>Steam or sail. | Tonnage. | Port sailed from.<br>Port bound to. | Place where Casualty happened.                      | Particulars of Casualty.<br>Name of Master.   | Lives lost. | Loss.<br>Total or Partial. |
|-------------------|-------------------------------|------------------------|--------------------------|--|----------|-------------------------------------|---|---|-------------|----------------------------|
| Oct. 6            | B. B. Hardwick.<br>100018     | 22                     | Annapolis, N.S.          | Sail.  | 123      | Bridgewater, N.S.<br>Trinidad.      | Lat. 41° 10' N.<br>Long. 57° 29' W.<br>N. Atlantic. | Pounded.<br>H. C. King.                       |             | Total.                     |
| Nov. 2            | Bennett C<br>126293           | 10                     | Lancaster, N.S.          | Sail.  | 105      | Cook's Harbour, N.S.<br>Gibraltar.  | Lat. 55° 57' N.<br>Long. 66° 27' W.<br>N. Atlantic. | Pounded.<br>P. Yarn.                          |             | Total.                     |
| Nov. 28           | Bassal.<br>112341             | 1                      | London.                  | Schr.<br>Steel                                 | 3,202    | Montreal.<br>Capetown.              | Montreal harbour                                    | Stranded.<br>Jas. Smith.                      |             | Partial, \$40,000.         |
| Dec. 8            | B. C. Maid.<br>134076         | 26                     | Vancouver.               | Steam<br>Tug.<br>Wood                          | 26-44    | Vancouver.<br>Mill Creek, B.C.      | Mill Creek.   | Pounded.<br>J. M. Johnson.                    |             | Total.                     |
| Dec. 4            | Barbara Macdonald.<br>141231  |                        | Charlottetown, P.E.I.    | Steam  | 2,621    | South Shields.<br>Sydney, N.S.      | N. Atlantic.  | Steering gear damaged.                        |             | Partial, \$5,000.          |
| Dec. —            | Borussia.                     |                        |                          | Steam  | 63       | Yarmouth, N.S.<br>Fishing.          | Petit Passage, N.S.                                 | Stranded.<br>David Alwood.                    |             | Total.                     |
| Jan. 10           | Curlew<br>103181              | 21                     | Barrington Passage, N.S. | Schr.<br>Wood                                  | 363      | Liverpool, N.S.<br>Barbadoes.       | Lat. 33° 32' N.<br>Long. 58° 42' W.<br>N. Atlantic. | Sprung a leak.<br>E. Sarty.                   |             | Total.                     |
| Mar. 21           | Cape Labhave<br>141136        | 1                      | Ladave, N.S.             | Sail.  | 1,761    | St. Johns, Nfld<br>Louisburg, N.S.  | Cape Spear, Nfld.<br>Coast.                         | Boiler explosion.<br>S. E. Macdonald.         | 5           | Partial.                   |
| April 5           | Cape Breton<br>97808          | 27                     | Montreal.                | Schr.<br>Steel                                 | 99       | Windsor, N.S.<br>Barbadoes.         | Digby Gut, Annapolis<br>River, N.S.                 | Damaged in gale.<br>A. Gray.                  |             | Partial, \$400.            |
| May 17            | Crescent<br>106345            | 16                     | Mailand, N.S.            | Schr.<br>Wood                                  | 260      | Halifax.<br>Barnmouth.              | Halifax harbour.                                    | Collided with pier<br>M. Murphy.              |             | Partial.                   |
| June 9            | Chabucto.<br>106853           | 23                     | Halifax.                 | Perry.<br>Steel                                | 427      |                                     | Lat. 28° 00' N.<br>Long. 79° 07' W.<br>N. Atlantic. | Abandoned.                                    |             | Total.                     |
| June 13           | Crosslet.<br>100345           | 16                     | Mailand, N.S.            | Sail.  | 99       | Windsor.<br>Barbadoes.              | Lat. 41° 33' N.<br>Long. 66° 08' W.<br>N. Atlantic. | Sprung a leak.<br>A. Gray.                    |             | Partial.                   |
| June 16           | Craftman.<br>106316           | 21                     | Liverpool.               | Schr.<br>Steel                                 | 4,030    | Liverpool.<br>Montreal.             | Lat. 46° 21' N.<br>Long. 54° 23' W.<br>N. Atlantic. | Collided with iceberg.<br>G. C. Green.        |             | Partial.                   |
| June 26           | Corcoran.<br>218055           | 1                      | (American).              | Schr.<br>Steel                                 | 1,280    | Montreal.<br>St. Nazaire.           | Abreast of Lanzon, Que                              | Collided with <i>Champion</i><br>J. Bergsten. |             | Partial.                   |

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|          |                               |    |                       |                         |          |  |   |  |  |
|----------|-------------------------------|----|-----------------------|-------------------------|----------|--|---|--|--|
| June 26  | Champion.<br>103975           | 21 | Quebec                | Steam.                  | 301      | Quebec<br>Ste. Petronille, Island<br>of Orleans. | Abreast of Lauzon.                                | Collided with <i>Corcoran</i><br>Donat Lemay.      | Partial.                                   |
| June 27  | Coureclete.<br>13808          | 23 | Ottawa                | Splr.<br>Wood<br>Steam  | 62       | Quebec   | Seal Rock, Bay des<br>Chaleurs.                   | Stranded<br>Jos. Delisle.                          | Partial.                                   |
| Aug. 22  | Captain Dan.                  | 37 | Montreal              | Steam.                  | 710-60   | Port au Saumon.<br>Ogdensburg.                   | Quebec harbour.                                   | Collided with break-<br>water.<br>J. B. Camache.   | Partial.                                   |
| June 15  | Caddo.                        |    | (American)            | Steam                   | 2,389    |  | Isle au Basque, St.<br>Lawrence river.            | Stranded   | Partial.                                   |
| Sept. 12 | Chelston<br>11944             | 16 | Glasgow               | Splr.<br>Steel          |          |  | St. Paul Island, N.S.                             | Stranded<br>A. M. Fotheringham.                    | Total.                                     |
| Sept. 19 | Cape Horn<br>141210           | 1  | Vancouver             | Steam.                  | 1,184    |  | River Thames.                                     | Damaged by fire<br>J. E. Ritchie.                  | Partial.                                   |
| Sept. 29 | Colin K. Goldman<br>183592    | 1  | St. John, N.B.        | Splr.<br>Wood<br>Sail   | 477      | Parsonsboro, N.S.<br>New York                    | Protero Bay, Uruguay                              | Stranded<br>C. A. Treney.                          | Total.                                     |
| Oct. 12  | Canoon<br>121204              | 14 | Vancouver             | Splr.<br>Steel<br>Steam | 793-72   | Vancouver.<br>Prince Rupert.                     | 8 miles W. by N. 1/2 E.<br>from York Pt.          | Rudder damaged.<br>A. E. Dickson.                  | Partial.                                   |
| Oct. 17  | Canadian Trooper.             | 1  | Montreal              | Steam.                  | 1,952-92 | Vancouver.<br>Montreal.                          | Lat. 51°04' N.<br>Long. 29°51' W.<br>N. Atlantic. | Engines damaged.<br>R. J. Fisher.                  | Partial.                                   |
| Oct. 26  | Cape Palos.                   | 1  | Vancouver             | Steam.                  | 1,183-61 |  | Robin Hood's Bay.                                 | Stranded   | Total.                                     |
| Dec. 8   | Canadian Volunteer.           | 1  | Montreal              | Steam.                  | 1,910    | Hartlepool.<br>Montreal.                         | Cap a la Roche, St.<br>Lawrence river.            | Stranded<br>A. Theriault.                          | Partial.                                   |
| Dec. 10  | Carnania<br>141424            | 14 | Liverpool             | Steam.                  | 9,981    | London.<br>New York.                             | Lat. 45°45' N.<br>Long. 52°05' W.<br>N. Atlantic. | Collided with <i>Maryland</i><br>G. W. Nelson.     | Partial.                                   |
| Dec. 13  | Caledonian<br>113863          | 19 | Liverpool             | Steam.                  | 3,210    | Boston.<br>Manchester via Louis-<br>bourg.       | Off Halifax.                                      | Cargo damaged by fire<br>T. B. Jago.               | Partial.                                   |
| Dec. 16  | Canadian Spinner<br>141481    | 1  | Montreal              | Steam.                  | 3,330    | Montreal<br>Halifax                              | River and Gulf St. Law.                           | Caught in ice.                                     | Partial.                                   |
| Dec. 20  | Canadian Recruit.<br>141366   | 1  | Montreal              | Steam.                  | 1,451    | Montreal<br>West Indies                          | Vaches Point, St. Law.<br>St. Lawrence river.     | Stranded<br>Peter J. Murphy.                       | Partial.                                   |
| Dec. 24  | County of Richmond.<br>183404 | 1  | Sydney, N.S.          | Steam.                  | 245      | Burgos, Nfld<br>Oporto.                          | Lat. 42°40' N.<br>Long. 31°45' W.<br>N. Atlantic. | Damaged in gale.<br>L. Hare.                       | Partial.<br>Ship, \$500<br>Cargo, \$1,000. |
| Jan. 29  | Delbert D.<br>126806          | 9  | Liverpool, N.S.       | Splr.<br>Wood<br>Steam  | 16-41    | Halifax<br>Liverpool, N.S.                       | Off Port Medway, N.S.                             | Stranded<br>Jas. McLeod.                           | Total.                                     |
| Aug. 8.  | D.W.B.<br>88418               | 35 | St. John, N.B.        | Splr.<br>Wood<br>Sail   | 124      | Pasacouba.<br>Barbadoes.                         | Barbadoes, Carlisle Bay                           | Stranded<br>F. W. Clarke.                          | Total.                                     |
| Sept. 16 | Daisy<br>92584                | 29 | Charlottetown, P.E.I. | Sail                    | 69-71    | Boston.  | Northumberland Strait.                            | Foundered  | Total.                                     |
| Oct. 14  | Douglas Adams<br>116540       | 12 | Halifax               | Sail.                   | 99-23    | Twilinnate<br>Malaga                             | Newfoundland<br>Banks.                            | Damaged in gale.                                   | Total.                                     |
| Oct. 15  | Dorothy Earl.<br>138741       | 1  | Yarmouth, N.S.        | Splr.<br>Wood<br>Gas    | 37-21    | Yarmouth<br>Fishing.                             | Chebogon Point, N.S.                              | Stranded<br>H. Seeley.                             | Partial, \$500.                            |
| Nov. 7.  | Dorothy Adams.<br>134406      | 5  | Lunenburg, N.S.       | Splr.<br>Wood<br>Sail   | 92       |  | Kaulback's Head, N.S.                             | Stranded   | Slight damage.                             |
| Dec. 18. | Dartmouth.<br>90889           | 32 | Halifax               | Ferry.                  | 196      | Halifax<br>Dartmouth, N.S.                       | Halifax harbour.                                  | Collided with <i>Transport</i><br><i>Pacific</i> . | Partial.                                   |

STATEMENT OF wrecks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1919.—Continued.

COASTING AND SEA GOING WRECKS.

| Date.<br>of<br>Casualty. | Name of Ship.<br>Official No. | Age<br>of<br>Ship.<br>Years. | Registered<br>Port.   | How<br>rigged.<br>Iron or<br>wood.<br>Steam or<br>sail. | Regis-<br>ter<br>Ton-<br>nage. | Port sailed from.<br>Port bound to.                | Place where<br>Casualty happened.                 | Particulars of<br>Casualty.<br>Name of Master.       | Lives<br>lost. | Loss.<br>Total or Partial. |
|--------------------------|-------------------------------|------------------------------|-----------------------|---|--------------------------------|--|---|--|----------------|----------------------------|
| Feb. 16                  | Ella L. Williams.<br>141138   | 1                            | Lalave, N.S.          | Schr.<br>Wood<br>Sail                                   | 374                            | St. John, N. B.<br>Barbadoes.                      | Lat. 37°58' N.<br>Long. 63°24' W.                 | Damaged in gale.<br>W. D. Stearn.                    |                | Partial.                   |
| April 21                 | Eva June<br>166518            | 15                           | Lunenburg, N.S.       | Schr.<br>Sail   | 93                             | St. Kitts, B.W.I.                                  | Halifax harbour.                                  | Stranded.  |                | Partial.                   |
| May 14                   | Enterprise<br>94659           | 32                           | Lunenburg, N.S.       | Schr.<br>Sail   | 69-83                          | Charlottetown, P.E.I.<br>Hull, Eng.                | Off Entry island, Gulf<br>St. Lawrence.           | Foundered.<br>A. H. Gibson.<br>Frank Smith.          |                | Total, \$2,500.            |
| June 30                  | Etherington.<br>141082        | 1                            | Shelburne, N.S.       | Schr.<br>Wood.  | 28                             | Port Elgin, N. B.<br>Yarmouth.<br>Fishing.         | Swansea's Cove, N.S.                              | Burnt.<br>L. Messenger.                              |                | Total.                     |
| July 7                   | Empress of Britain.<br>120940 | 13                           | Liverpool.            | Schr.<br>Gas<br>Wood<br>Steam.                          | 8,025                          | Liverpool.<br>Quebec.                              | Lat. 48°56' N.<br>Long. 45°04' W.<br>N. Atlantic. | Cargo damaged by fire<br>G. S. Webster.              |                | Partial.                   |
| Aug. 21                  | Elmer Roberts.                |                              |                       |   |                                |  | Lat. 41°05' N.<br>Long. 62°18' W.<br>N. Atlantic. | Burnt.   |                | Total.                     |
| Sept. 6                  | E. O. Pratt.<br>36906         | 26                           | Whitetail, N.Y.       | Schr.<br>Wood<br>Steam                                  | 103                            | Quebec.  | Quebec harbour.                                   | Sprang a leak.<br>H. Slaviah.                        |                | Partial.                   |
| Nov. 29                  | Eagle No. 58.                 | 1                            | Washington.           | Steam   | 500                            | Detroit, Mich.<br>Quebec.                          | St. Therese island, St.<br>Lawrence river.        | Stranded.<br>C. Wait.                                |                | Slight damage.             |
| Dec. 12                  | K. Kinsley.                   | 1                            | Vancouver.            | Steel   | 541                            | Montreal.<br>Halifax.                              | Entrance Whitehaven<br>harbour, N.S.              | Stranded.<br>H. M. Uddall.                           |                | Slight damage.             |
| Dec. 18                  | Edward A. Cotan.<br>141520    | 1                            | Parrsboro, N.S.       | Schr.<br>Wood<br>Sail                                   | 597                            | No. Sydney, N.S.<br>St. Louis du Rhone,<br>France. | Lat. 44°47' N.<br>Long. 56°30' W.<br>N. Atlantic. | Damaged in gale.<br>W. M. Collins.                   |                | Partial.                   |
| Dec. 25                  | Emilienne Burko.<br>122884    | 10                           | Charlottetown, P.E.I. | Schr.<br>Sail   | 89                             | N. Sydney, N.S.<br>St. Pierre Miquelon.            | 15 miles W. of St. Pierre                         | Damaged in gale.                                     |                | Partial, \$250.            |
| Jan. 7                   | Flavella.                     | 17                           | Boston, Mass.         | Schr.<br>Wood<br>Aux.                                   | 26                             | Boston.<br>Liverpool, N.S.                         | Liverpool, N.S.                                   | E. Seelye.<br>Stranded.                              |                | Partial.                   |
| May 9                    | Falka.<br>130734              | 8                            | Lunenburg, N.S.       | Schr.<br>Wood<br>Sail                                   | 100                            | St. John, N. B.<br>Oporto.                         | Lat. 44°20' N.<br>Long. 34°00' W.<br>N. Atlantic. | Damaged in gale.<br>J. Edgewomb.                     |                | Partial.                   |
| Aug. 25                  | Frances A.<br>121572          | 13                           | Yarmouth, N.S.        | Schr.<br>Sail   | 91-90                          | Yarmouth, N.S.<br>Fishing.                         | 125 miles S.E. of Halifax                         | Stranded in collision with<br><i>Lord Desmadre</i> . | 6              | Total.                     |
| Nov. 20                  | Francisca.<br>132269          | 9                            | Hull, Eng.            | Schr.<br>Steel<br>Steam.                                | 4,745                          | Hull, Eng.<br>Hull, Eng.                           | Lat. 41°46' N.<br>Long. 68° W.<br>N. Atlantic.    | Stranded.<br>D. J. Wilkins.                          |                | Partial, \$30,000.         |
| Sept. 22                 | F. J. Waffle.<br>130767       |                              | Kingston.             |   |                                |  | Between Oswego and<br>Ducko island.               | Foundered.   | 6              | Total.                     |



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|                 |  |    |                          |                                 |        |                                  |  |   |   |
|-----------------|--|----|--------------------------|---------------------------------|--------|----------------------------------|--|---|---|
| Dec. 16.        | F. L. B. 3.                            | 2  | Vancouver.               | Scow.                           | 365-43 | Prince Rupert.<br>Prince Rupert. | Prince of Wales island,<br>Alta.   | Stranded<br>R. W. McNeil.   | Total.                                      |
| Feb. 19.        | Cray.<br>124385                        | 10 | Workington.              | Wood<br>Schr.                   | 280    | Point Ellice.<br>Victoria.       | Point Ellice.  | Cargo damaged by fire<br>W. F. Billington.                              | Part.                                       |
| Feb. 24.        | Geo. Melville Coch-<br>rane.<br>141606 | 1  | Barrington<br>N.S.       | Wood<br>Sail                    | 820    | Parsboro, N.S.<br>Bueno Ayres.   | Lureher's Lighthouse, N.<br>Atlantic.  | Foundered.  | Total.                                      |
| June 5.         | Geneva Ethel.<br>100818                | 25 | Passage<br>Boston, Mass. | Sail                            | 29     | Sydney, N.S.                     | Lennox Passage.  | Stranded.<br>J. Decoste.  | Partial, \$60.                              |
| July 19.        | Governor Cobb.                         | 13 | Boston, Mass.            | Schr.                           | 1,999  | Boston.<br>Yarmouth, N.S.        | Off Yarmouth.  | Stranded.<br>A. W. Hall.  | Partial.                                    |
| Aug. 21.        | Glen Allen.<br>130645                  | 7  | Ottawa.                  | Steam.                          | 112    | Quebec.<br>Montreal.             | St. Nicholas, St. Law.<br>rence river.   | Stranded.<br>Art. Gagnon.   | Partial, \$1,000.                           |
| Aug. 26.        | Giffin.<br>141211                      | 5  | Vancouver.               | Com p<br>Steam                  |        | Vancouver.<br>Victoria.          | Opposite Prospect Point,<br>Burrard Inlet.   | Collided with <i>Ida G.</i><br>G. McMillan.                             | Slight damage.                              |
| Aug. 22.        | Glenhole.                              |    |                          | Wood,<br>Gas                    |        |                                  |  |   |   |
| Oct. 14.        | General Horne.<br>141086               | 1  | Shelburne, N.S.          | Steel<br>Steam                  | 179    | Grand Banks, Nfld.<br>Operto.    | Goose Tongue Rock,<br>Spence's island, N.S.  | Stranded<br>H. W. Moore.  | Partial.                                    |
| Nov. 7.         | Germanicus.                            |    | (British).               | Wood<br>Sail                    | 2,623  | Great Britain.<br>Montreal.      | Lat. 44°38' N.<br>Long. 40°00' W.<br>N. Atlantic.<br>Biquette island.<br>St. Lawrence river. | Damaged in gale.<br>B. Rogers.<br>Stranded and abandoned<br>John Clive. | Partial:<br>Ship, \$400.<br>Cargo, \$7,500. |
| Nov. 14.        | Gilbert Island.<br>131208              | 4  | Liverpool, N.S.          | Scow.<br>Wood<br>Sail           | 245-29 | Liverpool.<br>Liverpool.         | Viti Levu, Fiji Islands.   | Stranded.<br>Wm. Robertson.   | Partial.                                    |
| Nov. 15.        | Geo. S. Smith.                         | 4  | Boston.                  | Sail.                           | 495    | Quebec.<br>Bridgewater, N.S.     | Two miles W. of Pointe<br>des Monts, St. Law.<br>rence river.                                | Stranded.<br>C. Chelin.   | Total.                                      |
| Nov. 29.        | General Turner<br>32243                | 1  | Toronto.                 | Scow.<br>Steel<br>Steam         | 1,877  | Toronto.<br>Gibraltar.           | Gibraltar Bay.   | Collided with <i>Immerton</i> .<br>D. Jackson.                          | Partial.                                    |
| Nov. —          | Creststone.                            |    |                          |                                 |        | Newport, Eng.<br>Halifax.        | Off Sable island.  | Propeller blades broken.  | Partial.                                    |
| Dec. 27.        | Geraldine Wolvin.<br>138354            | 2  | Vancouver.               | Scow.<br>Wood<br>Aux.           | 1,259  | Port Fabbot.<br>Nantes.          | Nantes harbour.  | Collided with <i>Moriska</i> .<br>Capt. Robinson.                       | Partial.                                    |
| Dec. —          | Gatherer.<br>116325                    | 14 | Lunenburg, N.S.          | Scow.<br>Wood<br>Sail           | 15     | Bluff harbour<br>Souris, P.E.I.  | Grindstone island, Mag-<br>dalen Islands.  | Stranded.<br>J. Stubbart.   | Partial.                                    |
| Jan. 3.         | Haysport No. 1.<br>134127              | 7  | Vancouver.               | Scow.<br>Wood<br>Gas            | 34     | Prince Rupert.                   | Skidegate channel.   | Stranded.<br>J. Anderson.   | Slight damage.                              |
| Feb. 10.        | Hazel E. Harrimon.<br>138386           | 2  | Lunenburg, N.S.          | Scow.<br>Wood<br>Sail.          | 134    | Halifax.                         | Lat. 37°42' N., Long.<br>61-35 W., N. Atlantic.  | Damaged in gale.<br>Arnold Parks  | Part.                                       |
| July 25.        | Haysport No. 1.<br>134127              | 7  | Vancouver.               | Scow.<br>Wood<br>Gas            | 34     | Vancouver.<br>Prince Rupert.     | Graham Island.   | Foundered.<br>F. J. Wright.   | Total, \$11,000.                            |
| Oct.<br>Nov. 7. | Hornsec.<br>Holmen A. Frank.<br>141095 | 1  | Chatham, N.B.            | Scow.<br>Scow.<br>Wood<br>Sail. | 634    | Gaspé.<br>New York.              | Shediac Harbour, N.B.<br>40 miles SW. of Cape<br>Canso, N. Atlantic.                         | Stranded<br>Drowned in gale.<br>F. S. Imis.                             | Part.<br>Part, \$3,000.                     |

STATEMENT OF wrecks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1919.—*Continued.*

COASTING AND SEA GOING WRECKS.

| Date of Casualty. | Name of Ship, Official No. | Age of Ship, Years. | Registered Port.      | How rigged, Iron or wood, Steam or sail. | Register Tonnage. | Port sailed from, Port bound to.  | Place where Casualty happened.       | Particulars of Casualty, Name of Master.       | Lives lost. | Loss, Total or Partial. |
|-------------------|----------------------------|---------------------|-----------------------|--|-------------------|-----------------------------------|--------------------------------------|--|-------------|-------------------------|
| Nov. 13           | Hilda M. Strack, 138432    | 2                   | Amnapolis Royal, N.S. | Schr. Wood                               | 571               | St. Andrews, Fla., Dakar, Africa. | Two days out from Florida.           | Spring a leak.<br>J. Turner.                   | .....       | Part.                   |
| Dec. 27           | Helen Mathews, 141087      | 1                   | Sheburne, N.S.        | Schr. Wood                               | 302               | Boston, Mass. Cadiz, Spain.       | Off Seilly Islands.                  | Damaged in gale.<br>Art. Moore.                | .....       | Part.                   |
| Feb. 16           | Impressive, 136648         | 1                   | Lathave, N.S.         | Schr. Wood                               | 381               | Hullifax, Barbados.               | Lat. 22° 14' N. Long. 58° 10' W.     | Damaged in gale.<br>H. Axner.                  | .....       | Part.                   |
| Aug. 26           | Ida C.                     | 7                   | Vancouver             | Schr. Wood                               | 17                | Vancouver.                        | Opposite Prospect Point, B.C.        | Collided with <i>Griffin</i> .<br>F. Gardner.  | .....       | Part, \$150.            |
| Oct. 31           | Island Princess, 138784    | 6                   | Victoria              | Motor                                    | 205-80            | Victoria, Nainimo.                | Port. Island, Hornston Passage, B.C. | Stranded.<br>G. H. P. Rogers.                  | .....       | Slight damage.          |
| Jan. 22           | James Caruthers, 138369    | 2                   | Vancouver.            | Schr. Wood                               | 1,253             | Tacoma, Asaka, Japan.             | Lat. 47° 00' N. Long. 124° 10' W.    | Stranded.<br>W. Cairney.                       | 6           | Total.                  |
| Mar. 20           | J. B. Young, 126584        | 9                   | Lambourg              | Schr. Wood                               | 99-72             | Lambourg, Liverpool, N.S.         | Off Lunenburg.                       | Stranded.<br>A. Hornalman.                     | .....       | Part, \$4,000.          |
| Mar. 27           | Jason, 215863              | 30                  | New York              | Schr. Wood                               | 1,594             | New York, Havre.                  | Lat. 40° 06' N. Long. 58° 24' W.     | Damaged in gale.<br>W. H. Bevan.               | .....       | Part.                   |
| Jan. 23           | J. E. Backman, 141161      | 1                   | Lathave, N.S.         | Schr. Wood                               | 396               | Dieby, Montevideo.                | English Bank, River Platte.          | Stranded.<br>Chs. Struder.                     | .....       | Part.                   |
| April 29          | Julia B. Merrill, 126468   | 47                  | Kingston, Ont.        | Schr. Wood                               | 196               | .....                             | Nine Miles point.                    | Stranded                                       | .....       | Part.                   |
| April 30          | Jesse Hart 11              | 53                  | Calais, Me.           | Schr. Wood                               | 212               | Eastport, Apple river, N.S.       | Apple river.                         | Foundered.<br>E. B. Carter.                    | .....       | Total, \$6,000.         |
| June 10           | J. B. Kirchen, 116914      | 45                  | St. John, N.B.        | Schr. Wood                               | 300-78            | Halifax, Ireland.                 | Lat. 43° 25' N. Long. 50° 40' W.     | Foundered.<br>D. McDonald.                     | .....       | Total.                  |
| Oct. 22           | J. H. Hackett, 111619      | 18                  | Montreal              | Tug. Wood                                | 79, 168           | Montreal.                         | St. Nicholas, St. Lawrence river.    | Collided with <i>Rimouski</i> .<br>W. Allison. | .....       | Part.                   |
| Nov. 5            | J. C. Williams, 61592      | 43                  | Halifax               | Schr. Wood                               | 28                | Halifax, Arichat, N.S.            | Slip Harbour, N.S.                   | Stranded.<br>A. J. Young.                      | .....       | Total, \$1,500.         |

SESSIONAL PAPER No. 21

|          |                         |    |                  |                         |   |   |   |   |
|----------|-------------------------|----|------------------|-------------------------|---|---|---|---|
| Nov. 21  | J. Miller<br>138640     | 1  | Maidland, N.S.   | Schr.<br>Wood<br>Sail   | 355 St. John's, Nfld<br>Patras, Greece.         | Cape Papas, Greece                                  | Stranded<br>Jerry Petit.                                      | Total.                                  |
| Nov. 21  | Jouzeiro                |    | (Brazilian)      | Schr.<br>Steel          | Montreal<br>Brazil, via Sydney,<br>N.S.         | Glace Bay, N.S.                                     | Stranded  | Part.                                   |
| Dec. 21  | James Skiter<br>138191  | 1  | Lahave, N.S.     | Schr.<br>Wood           | 364-55 Liverpool<br>New York                    | Wellfleet, Cape Cod,<br>Mass.                       | Stranded<br>J. L. Publicover.                                 | Total, \$50,000.                        |
| Feb. 15  | King Mateoim<br>90069   | 34 | St. John's, Nfld | Barge<br>Iron           | 1,304 Louisburg<br>Halifax                      | Entrance to Beaver har<br>bour.                     | Stranded<br>Geo. Campbell.                                    | Total, 50,000.                          |
| June 22  | Knut Hansun             | 12 | Bergen, Norway   | Schr.<br>Steel          | 1,850 Skein, Norway<br>Hampton Beach,<br>U.S.A. | Lat. 41° 56' N.<br>Long. 48° 20' W.<br>N. Atlantic  | Damaged in gale<br>P. Anderson.                               | Part.                                   |
| Nov. 6   | K. N. No. 1.<br>130701  | 8  | Vancouver        | Schr.<br>Wood           | 105 Vancouver<br>Union Bay.                     | SE of Merry Island,<br>B.C.                         | Stranded  | 1 Total.                                |
| Nov.     | Kalenba                 |    |                  | Schr.<br>Steel          | Mobile<br>Glasgow.                              | N. Atlantic   | Damaged in gale   | Part, \$7,500.                          |
| Jan. 3   | La Brea<br>213909       | 2  | San Francisco    | Steam                   | 4,276 California<br>Vancouver.                  | Vancouver harbour.                                  | Collided with <i>Africa<br/>Mara</i> .                        | Slight.                                 |
| Jan. 151 | Canadiane<br>82778      | 38 | Ottawa           | Steam                   | 227 Yarmouth, N.S.<br>Yarmouth, N.S.            | Elmswood Island, N.S.                               | Stranded<br>L. K. Livingston.                                 | Part, \$500.                            |
| Feb. 28  | Lord Dufferin<br>108624 | 21 | Montreal         | Schr.<br>Steel          | 300-78 Montreal                                 | New York harbour.                                   | Collided with <i>Aguilantia</i>                               | Part.                                   |
| April 16 | Long Sault<br>126853    | 8  | Quebec           | Tag.<br>Wood            | 27,82 Sorel, P.Q.<br>Sorel, P.Q.                | Sorel harbour                                       | Collided with <i>W'adouchene</i><br>F. Vezina.                | \$1,200.                                |
| May 3    | Lewis Brothe<br>138347  | 1  | Halifax          | Schr.<br>Wood<br>Sail   | 765 Boston<br>Barcelona.                        | Off India Point<br>Argentine.                       | Collided with <i>Mount<br/>J. W. Larkin</i> .                 | Part.<br>\$20,000.                      |
| June 13  | Lady Flushing           |    |                  | Schr.<br>Steel          |   | Savage Harbour, P.E.I.                              | Stranded  | Part.                                   |
| June 29  | Lorenica<br>126485      | 10 | Montreal         | Wood<br>Steam           | 204,88 Montreal<br>Montreal                     | Valleyfield   | Collided with <i>Robitour<br/>L.</i>                          | Part.<br>\$125.                         |
| Aug. 6   | Lake Frolona            | 1  | Lorain, Ohio     | Schr.<br>Steel          | 1,613 Montreal<br>Piraeus.                      | Grondines, St. Lawrence<br>river.                   | Stranded<br>E. H. Hickey.                                     | Part                                    |
| Sept. 1  | La Lorraine             |    | (French)         | Steam                   | New York<br>Havre.                              | 120 miles SSE of Hal-<br>fax.                       | Collided with <i>Prom atch</i>                                | Part.                                   |
| Sept. 6  | Lucien W. Robinson      | 7  | Ogdensburg, N.Y. | Barge<br>Steel          | 1,141 Little Saguenay<br>Ogdensburg.            | Cap a la Roche, St<br>Lawrence river.               | Stranded<br>Henry Russell.                                    | Part.                                   |
| Oct. 25  | Laberge<br>138583       | 3  | Lunenburg, N.S.  | Schr.<br>Wood<br>Sail   | 97 Fortune<br>Oporto.                           | Lat. 45° 10' N.<br>Long. 51° 20' W.<br>N. Atlantic. | Damaged in gale<br>Art. Carter.                               | Part.<br>Ship, \$525.<br>Cargo, \$8,000 |
| Nov. 30  | Lake Mattato<br>217183  | 2  | Chicago          | Schr.<br>Steel          | 1,441 Montreal<br>Quebec.                       | Quebec harbour                                      | Collided with gate, en-<br>trance inner basin.<br>T. Simmons. | Part.                                   |
| Dec. 4   | Lake Elmsmere<br>219556 | 1  | Ashtabula        | Schr.<br>Steel<br>Steam | 1,663 Cleveland<br>Boston                       | Quebec Bridge St.<br>Lawrence river                 | Stranded<br><i>S. B. Cladick</i> .                            | Part.                                   |

STATEMENT OF wrecks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1919.—Continued.

COASTING AND SEA GOING WRECKS.

| Date of Casualty. | Name of Ship. Official No. | Age of Ship. Years. | Registered Port.  | How rigged. Iron or wood. Steam or sail. | Regis. tonnage. | Port sailed from. Port bound to. | Place where Casualty happened.                 | Particulars of Casualty. Name of Master.  | Lives lost. | Loss. Total or Partial.                                 |
|-------------------|----------------------------|---------------------|-------------------|--|-----------------|----------------------------------|--|---|-------------|---|
| Dec. 4.           | Lake Fillion. 219277       |                     | New Toledo, Ohio. | Schr.                                    | 1,586           | Cleveland, Bathurst.             | Horse Back shoal, Lawrence river.              | Stranded. L. F. Powell.                   |             | Slight Damage.  |
| Dec. 11.          | Lake Elmsdale. 219201      | 1                   | Ecorse, Mich.     | Steam                                    | 1,658           | Montreal, Halifax.               | Entrance Gut of Canso.                         | Stranded. C. Clark.                       |             | Part.   |
| Dec. 18.          | Louise Maud. 83402         | 38                  | Halifax, N.S.     | Steam                                    | 21              | Beddore, N.S. Halifax.           | 12 miles E. of Halifax.                        | Stranded. G. Webber.                      |             | Total: Ship, \$800; Cargo, \$150. Part.                 |
| Dec. 16.          | Lancastrian. 99326         | 28                  | Liverpool.        | Wood<br>Sail                             | 3,325           | Antwerp, New York.               | 100 miles E. of Halifax.                       | Damaged by fire. W. F. Wood.              |             | Part.   |
| Dec.              | Laurel Whalen. 138307      | 2                   | Vancouver.        | Steam                                    | 1,018-56        | Auckland, N.Z. Vancouver.        | Tahiti Islands.                                | Damaged in gale. H. Doherty.              |             | Part.   |
| Dec. 11.          | Lake Galwood. 219120       |                     | (American).       | Steam                                    | 1,672           | Montreal, New York.              | Port Hood island, N.S.                         | Stranded. W. P. O'Brien.                  |             | Part.   |
| Jan. 2.           | Margery Austin. 138594     | 1                   | St. John, N.B.    | Steam                                    | 112             | Alma, N.B. St. John, N.B.        | Near Apple Riverlight, N.S.                    | Stranded. C. E. Brewster.                 |             | Total: Ship, \$25,000. Cargo, \$2,300. Part., \$75,000. |
| Feb. 13.          | Magdalen. 85405            | 13                  | Magdalen islands. | F. & A.<br>Sail                          | 92              | Mulgrave, N.S. Halifax.          | Dartmouth, N.S.                                | Damaged by fire. J. B. Scott.             |             | Total.  |
| Feb. 14.          | Minnie C. Parsons. 130154  | 3                   | Windsor, N.S.     | Steam                                    |                 | Torrevecija, Santos.             | Torrevecija, Spain.                            | Stranded.                                 | 1           | Total.  |
| Feb. 15.          | Mulgrave. 103042           | 26                  | Ottawa.           | Wood<br>Sail                             | 320-67<br>330   | Louisburg, Halifax.              | Entrance Beaver harbour.                       | Stranded. E. Ford.                        |             | Total, \$100,000.                                       |
| April 3.          | Maria Scalpatos.           | 3                   | Ithaca, Greece.   | Steam                                    | 2,291           | Venice, Quebec.                  | Quebec harbour.                                | Damaged by fire. D. A. Karanas.           |             | Part, \$300.  |
| Aug. 19M          | atsqui. 130459             | 8                   | Vancouver.        | Schr.<br>Iron                            | 77              | Vancouver.                       | Vancouver harbour.                             | Collided with <i>Songhee</i> . J. Hunter. |             | Slight damage.  |
| Aug. 28.          | Melville Dollar. 121212    | 13                  | Vancouver.        | Steam                                    | 2,804           | Vancouver, Shanghai.             | Lat. 12°12' N. Long. 120°44' E. Pacific ocean. | Steam pipe burst. W. Wright.              | 6           | Part.   |
| Sept. 23.         | Mendip Range. 135897       | 5                   | West Hartlepool.  | Schr.<br>Steel                           | 2,840           | London, Quebec.                  | Montreal harbour.                              | Collided with coal barge. E. E. Hewson.   |             | Part.   |

SESSIONAL PAPER No. 21

|           |                              |                    |                       |   |   |  |    |                   |
|-----------|------------------------------|--------------------|-----------------------|---|---|--|----|-------------------|
| Oct. 17.  | Muriel B. Walters.<br>126113 | Lunenburg, N.S.    | Schr.<br>Wood         | 98 St. Johns, Nfld.<br>St. Johns, Nfld.   | Lat. 45°29' N.<br>Long. 39°50' W.<br>N. Atlantic.<br>Halifax harbour. | Abandoned.<br>L. B. Dodman.                                | 3  | Total.            |
| Nov. 9    | Merrimac.<br>74204           | Sydney, N.S.       | Schr.<br>Wood         | 70-78<br>Halifax.                         | Halifax harbour.  | Foundered.<br>Jacob Cruise.                                |    | Total, \$950.     |
| Nov. 27.  | Marion G. Douglas<br>138399  | Lahave, N.S.       | Schr.<br>Wood         | 449 Point Tupper.                         | North Atlantic.   | Abandoned.   |    | Total.            |
| Dec. 6    | Mayflower.<br>116553         | Maitland, N.S.     | Schr.<br>Wood         | 132 Parrshoro, N.S.<br>Boston.            | Five miles east of Mount<br>Desert island, Me.                        | Sails damaged.<br>D. Desmond.                              |    | Partial.          |
| Dec. 15   | Melbourne<br>138762          | Halifax.           | Schr.<br>Wood         | 366-06 Lishon, Portugal.<br>Burgeo, Nfld. | Lat. 33°59' N.<br>Long. 49°40' W.<br>N. Atlantic.                     | Abandoned.<br>M. Vatcher.                                  |    | Total, \$100,000. |
| Dec. 16   | Marie Barnard.<br>138690     | Vancouver.         | Schr.<br>Wood         | 97 Fortune.<br>Opotio.                    | Lat. 45°10' N.<br>Long. 31°20' W.<br>N. Atlantic.                     | Damaged in gale.<br>Art. Cartier.                          |    | Partial, \$5,500. |
| Dec. 18   | Manxman<br>438255            | Montreal.          | F & A.<br>Steel       | 3, 122 Newport.<br>Gibraltar.             | Lat. 01°33' N.<br>Long. 39°52' W.<br>N. Atlantic.                     | Foundered.<br>J. W. Burgess.                               | 43 | Total.            |
| Dec. 27   | Mariska<br>130979            | Collingswood, Ont. | Schr.<br>Steel        | 1, 872 Baltimore.<br>Nantes.              | Nantes harbour.   | Collided with <i>Geraldine</i><br><i>of Am.</i>            |    | Partial, \$5,000. |
| Jan. 4    | Noid.<br>122539              | Vancouver.         | Trig.<br>Wood         | 31 Vancouver<br>Tucker bay.               | Salvine Channel.<br>B.C.  | P. Davency.<br>Stranded.<br>H. Lander.                     |    | Total, \$6,000.   |
| June 24   | Newcastle No. 4.<br>138688   | Vancouver.         | Wood<br>Gas.          | 15-15 Skeena river.                       | Kenatian island, B.C.   | Stranded.<br>U. Nishikawa.                                 |    | Partial.          |
| Aug. 8    | North Star.<br>130294        | Boston.            | Schr.<br>Wood         | 1, 999 Boston<br>Yarmouth, N.S.           | Green island, N.S.  | Stranded.<br>L. F. Strout.                                 |    | Total.            |
| Sept. 14  | Neilsons & Palmer.           | Plattsburg, N.Y.   | Steam                 | 122 Whitehall, N.Y.                       | Quebec harbour.   | Stranded.<br>Wm. Reilly.                                   |    | Total.            |
| Sept. 20  | Nebo.                        | Halifax.           | Barge.<br>Wood        | 450 Halifax.<br>Sydney, N.S.              | 43 miles NW from St.<br>Pierre Miquelon.                              | Foundered.<br>W. J. Cheverie.                              |    | Total.            |
| Dec. 20   | Kile.<br>122311              | Lunenburg, N.S.    | Schr.<br>Wood         | 34 Georgetown, P.E.I.                     | Off Cape George, N.S.   | Foundered.<br>Stanley Drane.                               |    | Total.            |
| Jan. 8    | O. G. E. No. 1.<br>141989    | New Westminster.   | Sail                  | 681 Vancouver<br>Squamish.                | Off Prospect Point.   | Collided with <i>Princess</i><br><i>Pacific</i> .          |    | Part.             |
| Sept. 25  | Ossifrage.<br>107488         | Halifax.           | Steam<br>Wood         | 234-67 Wallace, N.S.<br>Souris, P.E.I.    | Northumberland Strait.  | R. B. Stevens.   |    | Total, \$300.     |
| Nov. 6    | Ocean Child.<br>83398        | Halifax.           | Schr.<br>Wood         | 19 Halifax.<br>Halifax.                   | Halifax harbour.  | Foundered.<br>N. Pettipas.                                 |    | Total, \$300.     |
| April 13. | Prince John.<br>129472       | Prince Rupert.     | Schr.<br>Sail         | 539 Vancouver.<br>Prince Rupert.          | Queen Charlotte Sound.  | Stranded.<br>W. S. Mulhouse.                               |    | Partial.          |
| Aug. 8    | Princess Ena.<br>122387      | Victoria.          | F & A.<br>Steel       | 837-16 Vancouver.<br>Quatsino.            | Ripple rock, Discovery<br>passage.                                    | Stranded.<br>Thos. Cliff.                                  |    | Partial.          |
| Sept. 3.  | Promotion.                   | Lahave, N.S.       | Schr.<br>Wood<br>Sail | 187 Halifax.<br>Fishing.                  | North Atlantic.   | Sunk in collision with<br><i>La Lorraine</i><br>L. Corkum. |    | Total, \$300,000. |

STATEMENT OF wrecks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1919.—Continued.

## COASTING AND SEA GOING WRECKS.

| Date of Casualty. | Name of Ship.<br>Official No. | Age of Ship.<br>Years. | Registered Port.      | How rigged.                    | Register<br>Ton<br>nage. | Port sailed from.<br>Port bound to.           | Place where<br>Casualty happened.                     | Particulars of<br>Casualty.<br>Name of Master. | Lives<br>lost. | Loss.<br>Total or Partial. |
|-------------------|-------------------------------|------------------------|-----------------------|--------------------------------|--------------------------|---|---|--|----------------|----------------------------|
| Dec. 8            | Princess Charlotte<br>126236  | 11                     | Victoria              | Schr.<br>Steel                 | 1,969                    | Victoria,<br>Vancouver.                       | Off Br. Colon Point<br>B.C.                           | Collided with <i>Morning Star</i> .            |                | Slight damage.             |
| Oct. 23           | Prince Rupert<br>129743       | 9                      | Newcastle, Eng.       | Steam.<br>Schr.<br>Steel       | 1,026                    | Seattle, Wash.<br>Ocean Falls                 | Strait of Georgia.                                    | Fire in cargo.<br>D. Mackenzie.                |                | Partial.                   |
| Nov. 1            | Paul                          | 24                     | Hamburg, Germany.     | Steam.<br>Barque               | 1,968                    | Hamburg,<br>Philadelphia                      | Lat. 45°11' N.<br>Long. 22°18' W.                     | Damaged in Gale<br>Wm. Kruger.                 |                | Partial, \$15,000.         |
| Nov. 7            | Polar Land<br>216982          | 1                      | Baltimore             | Steam<br>F. & A.               | 2,561                    | New York<br>Gibraltar.                        | Off Atlantic<br>Off Seataric, N.S.                    | Foundered.<br>W. B. Wheeler.                   |                | Total.                     |
| Nov. 7            | Platan                        | 21                     | Piraeus, Greece       | Steam<br>2 masts.<br>Steel     | 2,014                    | Piraeus,<br>Montreal.                         | Sable Island.   | Stranded.<br>John Kavitos.                     |                | Partial.                   |
| Dec. 20           | Quebec<br>100657              | 28                     | St. John, N.B.        | Steam<br>Wood                  | 128                      | Weymouth,<br>Boston.                          | Lat. 41°08' N.<br>Long. 68°14' W.                     | Loss of sails.<br>G. W. Brooks.                |                | Partial.                   |
| April 8           | Roskilde<br>35265             | 31                     | Hamilton              | Sail<br>F. & A.                | 977                      | Cardiff,<br>Bordeaux.                         | North Atlantic.                                       | Collided with <i>Luella</i><br>E. J. Namby     |                | Total.                     |
| April 19.         | Richard B. Silver<br>138837   | 1                      | Lunenburg, N.S.       | Steel<br>Schr.<br>Wood         | 400-47                   | Banos Lyles<br>Havre.                         | Lat. 10°13' N.<br>Long. 30°31' W.                     | Foundered<br>A. Zueck.                         |                | Total, \$80,000.           |
| June 15.          | Rock Ferry<br>130419          | 37                     | Montreal              | Schr.<br>Wood                  | 715-517                  | Quebec<br>Chesouctini                         | Off mouth of Bay of<br>Rocks.                         | Stranded<br>W. A. Tullock.                     |                | Partial.                   |
| July —            | Raymond d'Or<br>134737        | 7                      | Halifax               | Steam<br>Schr.<br>Steel        | 90-58                    | Portland, Me<br>Fishing.                      | Mud Island, N.S.                                      | Stranded<br>H. M. Green.                       |                | Partial.                   |
| Sept. 1           | Rosalind                      | 8                      | Liverpool             | Steam<br>Schr.<br>Steel        | 1,336                    | New York<br>Halifax.                          | Lat. 44°18' N.<br>Long. 63°43' W.                     | Collided with <i>General Haag</i> .            |                | Partial.                   |
| Oct. 22           | Rimonski<br>140589            | 1                      | Liverpool             | Steam<br>Schr.<br>Steel        | 3,719                    | Liverpool<br>Quebec.                          | N. Atlantic.<br>Lat. 45°43' 00" N.<br>Long. 71°24' W. | Collided with <i>J. H. Hackett</i> .           |                | Partial.                   |
| Oct. 28           | Rudburn<br>94796              | 26                     | Charlottetown, P.E.I. | Steam<br>Wood<br>Schr.<br>Sail | 74                       | Sydney, N.S.<br>Charlottetown.                | Port Hawkesbury, N.S.                                 | Riv. St. Lawrence.<br>Stranded<br>W. Trenholm. |                | Partial, \$200.            |
| Oct. 29           | Raudontem<br>138395           | 1                      | St. John, N.B.        | Steam<br>Wood<br>Schr.<br>Sail | 799                      | Torrevicja, Spain<br>Charlottetown,<br>P.E.I. | Lat. 42°20' N.<br>Long. 53° W.<br>N. Atlantic.        | Damaged in gale.<br>J. F. Sudleyes.            |                | Partial.                   |

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|           |                                 |    |                 |                        |          |   |   |   |                    |
|-----------|---------------------------------|----|-----------------|------------------------|----------|---|---|---|--------------------|
| Nov. 17.  | Rio Negro<br>143303             | 18 | London          | Schr.<br>Steel         | 3,061    | Newport, Eng.<br>Montreal.                  | 1 mile N., 36 E.<br>from Pointe des Monts               | Stranded<br>Henry Daniel.                       | Partial.           |
| Nov. —    | Rosie M. B.<br>116272           | 16 | Halifax.        | Schr.<br>Wood          | 75       | Victoria                                    | North Sydney, N.S.                                      | Stranded  | Partial.           |
| Jan. 10   | Sadie No. 7<br>133683           | 8  | Victoria.       | Scow.<br>Wood          | 204.16   | Victoria                                    | 1 mile off Cloverpoint.                                 | Stranded  | Partial.           |
| Feb. 10   | St. Michel<br>138442            | 1  | Toronto.        | 2 masts.<br>Steel      | 1,669.77 | New York<br>Shanghai                        | Gulf of Georgia.<br>Off Cape Hatteras, N.<br>Atlantic.  | M. Matthews.<br>Drowned in gale.<br>C. Goodlee. | Partial.           |
| Feb. 26.  | Sarony.<br>138442               | 2  | Weymouth, N.S.  | Schr.<br>Wood          | 33.4     | St. Ann's, Ia.<br>New York.                 | South coast of Pines,<br>Caribbean sea.                 | Stranded  | Total, \$160,000.  |
| April 22  | Somme.                          |    | (French).       | Sail                   |          |   | Halifax harbour.  | Stranded.                                       | Slight damage.     |
| May 16    | Scotia No. 1.<br>22423          |    | Halifax.        | Car ferry.<br>Iron     |          | Port Mulgrave.                              | Mulgrave, N.S.  | Stranded  | Partial.           |
| Aug. 19   | Songhee<br>130548               | 11 | Vancouver.      | Steam<br>Wood          | 27       | Vancouver.                                  | Burrard inlet   | Collided with <i>Matagoti</i> .<br>W. Holland.  | Partial.           |
| Sept. 17. | Southern Cross.<br>15710        | 39 | Boston.         | Gas<br>Schr.<br>Wood   | 39       | Quebec<br>Seven Islands.                    | Pointe a la Croix, Seven<br>Islands.                    | Fumbled<br>J. B. Blouin.                        | Total.             |
| Nov. —    | Suffolk.                        |    |                 | Sail                   |          | New Zealand.                                | Halifax harbour.  | Damaged by fire                                 | Partial.           |
| Nov. —    | St. Clair, Theriault.<br>141223 | 1  | Weymouth, N.S.  | Steam<br>Schr.<br>Wood | 347      | Mayo, Cape Verde islands.<br>Yarmouth, N.S. | On passage from Mayo<br>to Yarmouth.                    | Damaged in gale<br>L. Pothier.                  | Partial, \$10,000. |
| Dec. 4.   | St. Croix.                      |    | Boston.         | Schr.<br>Wood          |          | Parrsboro, N.S.<br>Boston.                  | Off Spencer's island.                                   | Sprung a leak.                                  | Partial.           |
| Dec. 12.  | Sheba.<br>126526                | 7  | Ottawa.         | Schr.<br>Sail          | 1,341    | Sydney, N.S.<br>Clarenceville, Nfld.        | Lat. 46°10' N.<br>Long. 54° W.                          | Damaged in gale.<br>J. C. Shaw.                 | Partial.           |
| Jan. 11.  | Tuekaho.<br>216286              | 1  | Cumden, N.Y.    | F. & A.<br>Steel       | 1,929    | New York.                                   | N. Atlantic.  | Sprung a leak<br>T. H. Laurent                  | Partial.           |
| Feb. 12.  | Turret Cape.<br>104283          | 24 | Montreal.       | Steam<br>Steel         | 1,141    | Louisbourg, N.S.<br>Havre, France           | Lat. 44°46' N.<br>Long. 49°03' W.                       | Damaged in gale.<br>K. Marsters.                | Partial.           |
| June 28.  | Tartar.<br>124355               | 13 | Vancouver.      | Tug.<br>Steel          | 50       | Union bay.<br>Union bay.                    | Mouth Fraser river.                                     | Stranded<br>W. W. Best.                         | Partial.           |
| July 15.  | Turo Queen<br>141162            | 1  | Parrsboro, N.S. | Steam.<br>Wood         | 386      | Buenos Ayres<br>Liverpool.                  | Manchester.   | Collided with gate.<br>J. B. Marsh.             | Partial.           |
| Oct. 20.  | Trewillard.                     |    |                 | Steam                  |          |   | Three miles below Bat-<br>iscan, St. Lawrence<br>river. | Stranded  | Slight damage.     |
| Nov. 21.  | T. H. Macdonald.<br>138748      | 1  | Yarmouth, N.S.  | Wood<br>Sail           | 1,355    | Montevideo.<br>Baltimore.                   | Off Tybee   | Stranded<br>G. L. Witmore.                      | Total.             |
| Dec. 1.   | Turret Court.<br>106608         | 23 | Newcastle.      | Schr.<br>Steel         | 1,197    | North Sydney, N.S.                          | N. Atlantic.  | Damaged in gale.                                | Partial.           |
| Dec. 11.  | Verna D. Adams.<br>141043       | 1  | Lunenburg.      | Steam<br>Schr.<br>Wood | 98.96    | North Sydney, Nfld<br>Placentia, Nfld.      | Ship Harbour Pt., Nfld                                  | Stranded<br>R. W. Bowers.                       | Total.             |

STATEMENT OF wrecks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1919.—Continued.

COASTING AND SEA GOING VESSELS.

| Date of Casualty. | Name of Ship. Official No. | Age of Ship. Years. | Registered Port. | How rigged. Iron or wood. Steam or sail. | Regis. tonnage. | Port sailed from. Port bound to. | Place where Casualty happened.               | Particulars of Casualty. Name of Master.     | Lives lost.             | Loss. Total or Partial. |
|-------------------|----------------------------|---------------------|------------------|--|-----------------|----------------------------------|--|--|-------------------------|-------------------------|
| Feb. 1            | William Duff. 132833       | 1                   | Lanenburg.       | Sail.                                    | 265-07          | Liverpool, N.S., Lanenburg, N.S. | Lat. 29° 0' N. Long. 69° 40' W. N. Atlantic. | Foundered. H. G. Corkum.                     |                         | Total.                  |
| Jan. 11           | Win the War. 138198        | 2                   | Lahave, N.S.     | Sail.                                    | 149             | Lahave, N.S., Barbadoes.         | Lat. 43° 0' N. Long. 63° 20' W. N. Atlantic. | Sprung a leak. A. Mosher.                    |                         | Partial.                |
| May 1             | War Toronto.               | 1                   | Toronto.         | Schr. Wood. Steam.                       | 1,333           | Toronto. Quebec.                 | Off Cap St. Michel. St. Lawrence river.      | Stranded. A. J. Lowe.                        |                         | Partial.                |
| May 21            | War Beryl. 143057          |                     | London.          | Schr. Wood. Steam.                       | 4,094           | Sunderland. Antwerp.             | Off Crane Island. St. Lawrence river.        | Collided with dredge. De Baeghen.            |                         | Partial.                |
| Aug. 7            | War Witch.                 |                     | (British).       | Schr. Steel.                             | 1,115           | Wadamat, Nfld., Sydney, N.S.     | Nfld coast. Lat. 46° 29' N. Long. 55° 35' W. | Collided with <i>Gallia</i> . W. P. Bennett. | 19 from <i>Gallia</i> . | Partial.                |
| Aug. 27           | Wangaretta. 141910         | 1                   | Glasgow.         | Schr. Steel.                             | 4,698           | Montreal. New Zealand.           | Off Crane Island. St. Lawrence river.        | Fouled buoy 74. A. Horscroft.                |                         | Partial.                |
| Sept. —           | Westmoreland. 137442       | 4                   | Liverpool.       | Schr. Steel.                             | 862             | Halifax.                         | At Sea.                                      | Engines damaged.                             |                         | Partial, \$6,200.       |
| Sept. 14          | Warren G. Winters. 126120  | 11                  | Lanenburg, N.S.  | Schr. Wood. Sail.                        | 95              | Lahave, N.S., Sydney, N.S.       | Fortune, Bay, Nfld.                          | Stranded. W. G. Rearley.                     |                         | Total, \$14,000.        |
| Oct. 29           | Wm. McL. Borden. 138655    | 1                   | Pictou, N.S.     | Schr. Wood. Sail.                        | 335-71          | Pugwash, N.S., Ayanuntio Spn.    | Off Ayanuntio.                               | Burnt. R. C. Sheppard.                       |                         | Total.                  |
| Oct. 31           | W. J. Cartor.              |                     | Vancouver.       | Wood. Gas.                               | 7-42            | Vancouver. Longhorn Inlet.       | Yorkshire Island.                            | Stranded.                                    |                         | Partial.                |
| Dec. 7            | White Cliff. 130455        | 10                  | Vancouver.       | Wood. Gas.                               |                 | Longhorn Inlet, B.C.             |  | Foundered. L. A. Maloney.                    |                         | Total.                  |
| Dec. 12           | Wesley.                    |                     |                  | Steam.                                   |                 |                                  |  | Damaged in gale.                             |                         | Partial, \$6,000.       |
| Nov. 24           | Zedda. 112098              | 17                  | Windsor, N.S.    | Schr. Wood. Sail.                        | 335             | Mobile. Berkinhead.              | At sea. Near Cap Gris Nez, French coast.     | Stranded. J. W. Hunter.                      |                         | Partial.                |



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INLAND WATERS WRECKS.

| Date     | Name                   | No. | Locality          | Material | Value    | Remarks   | Disposition                                 | Total  |
|----------|------------------------|-----|-------------------|----------|----------|---|---|--|
| Nov. 1   | A. McVittie            | 30  | Montreal          | Steel    | 945      | Kingston harbour  | Foundered                                   | Total  |
| Aug. 21  | Bellefleur             | 13  | Montreal          | Steel    | 1,693    | Near Lancaster<br>Lake St. Francis                                | Stranded                                    | Partial  |
| May 2    | Columbian              |     | Ogdensburg, N.Y.  | Wood     | 1,693    | Lachine canal   | Collided with Acadia,<br>G. H. Kinch.       | Partial  |
| June 11  | Canobie                | 32  | Montreal          | Wood     | 1,051-39 | Soulanges canal   | Collided with David W.<br>Mills             | Partial, \$1,500.  |
| Oct. 28  | Chicora                | 55  | Hallfax           | Wood     | 540      | Toronto harbour   | Foundered                                   | Partial  |
| Dec. 5   | Condor                 | 31  | Montreal          | Steel    | 566-69   | Cornwall Canal  | Stranded                                    | Partial  |
| May 26   | Ferdinand Schlessinger | 28  | Duluth, Minn.     | Wood     | 2,081    | 5 miles S.W. by E. of<br>Passage Island, Lake<br>Superior, U.S.A. | Foundered                                   | Partial,<br>Ship, \$5,000,<br>Cargo, \$5,000,<br>Total.          |
| June 4   | George King            | 45  | Fairport, Ohio    | Wood     | 380      | Cote St. Paul, Lachine<br>canal                                   | Collided with Marian W.<br>W. F. Smith.     | Partial, \$500.  |
| June 9   | Glenilla               | 16  | Midland, Ont.     | Steel    | 3,407    | Bottle Point, Lake<br>Superior                                    | Stranded                                    | Partial  |
| June 13  | Aggie                  | 32  | Duluth, Minn.     | Wood     | 1,213    | Deadman's Rock, Lake<br>Superior                                  | Stranded                                    | Total  |
| April 30 | Henry B. Hall          | 38  | Montreal          | Steel    | 2,081    | Lake Superior   | Foundered                                   | Partial, \$5,000.  |
| May 26   | H. E. Rennels          | 26  | Buffalo, N.Y.     | Wood     | 628      | Below Isle Perrot   | Stranded                                    | Slight.  |
| Aug. 15  | Huronic                | 18  | Collingwood, Ont. | Steel    | 2,211-45 | Angus island  | Stranded                                    | Partial  |
| Aug. 28  | Homer Warren           | 18  | Toronto           | Wood     | 304-0    | Off Soda Point, U.S.A   | Foundered                                   | Total,<br>Ship, \$2,000,<br>Cargo, \$4,500,<br>Partial, \$2,000. |
| Oct. 29  | Howard W.              | 28  | Montreal          | Wood     | 923-97   | Lake St. Francis  | Collided with Lakeport,<br>L. Daiganceant.  | Partial, \$2,000.  |
| Nov. 8   | Ionic                  | 45  | Sarnia, Ont.      | Steel    | 1,030    | Williamsburg Canal  | Foundered                                   | Total  |
| May 29   | Joyland                | 35  | Montreal          | Wood     | 1,071    | East of Lock 4, Sou-<br>langes canal                              | Collided with Robert J.<br>H. W. Patterson. | Partial, \$7,000.  |
| Oct. 28  | Jeanne d'Arc           | 11  | Montreal          | Wood     | 69       | Isle Perrot, Lake St.<br>Louis                                    | Stranded                                    | Partial, \$180.  |
| April 30 | Keyport                | 10  | Newcastle         | Steel    | 1,298    | 1/2 mile east of Coteau du<br>Lac bridge                          | Collided with Henry B.<br>Hall              | Partial, \$3,000.  |
|          |                        |     |                   |          |          |   |   | J. Mullins.  |

STATEMENT OF wrecks and casualties reported as having occurred to British, Canadian and Foreign vessels in Canadian waters and to Canadian vessels in other waters, from January 1 to December 31, 1919.—*Concluded.*

INLAND WATERS WRECKS.—*Concluded.*

| Date of Casualty. | Name of Ship, Official No. | Age of Ship, Years. | Registered Port.           | How flagged, Iron or wood, Steam or sail. | Register-Holder, Tonnage. | Port sailed from, Port bound to. | Place where Casualty happened.                         | Particulars of Casualty, Name of Master.     | Lives lost. | Loss, Total or Partial. |
|-------------------|----------------------------|---------------------|----------------------------|---|---------------------------|----------------------------------|--|--|-------------|-------------------------|
| Oct. 4            | Keynor<br>132558           | 5                   | Newcastle-on-Tyne          | Steel<br>Steam                            | 1,090                     | Erie, Pa.<br>Montreal.           | 3 mile E. of St. Anicet light, St. Lawrence river.     | Stranded<br>Wm. Smith.                       | .....       | Partial.                |
| June 10.          | Lengell Boys.              | .....               | .....                      | .....                                     | .....                     | .....                            | Covo island, Georgian bay.                             | Stranded                                     | .....       | Partial.                |
| Aug. 19.          | Lake Elkwater.             | 1                   | Detroit, Mich.             | Steel<br>Steam                            | 1,093                     | Detroit<br>Montreal.             | Near Lancaster light, lake St. Francis.                | Stranded<br>B. J. Shaw.                      | .....       | Partial.                |
| Oct. 29           | Lakeport<br>3110           | 39                  | Cleveland.                 | Iron<br>Steam                             | 613                       | Ashtabula<br>Montreal.           | Hamilton island, Lake St. Francis.                     | Collided with <i>Howard W. J. Gallagher.</i> | .....       | Partial, \$3,000.       |
| Aug. 4            | Maril W.<br>138505         | 33                  | Montreal                   | Steel<br>Steam                            | 636-90                    | Montreal<br>Erie, Pa.            | Entrance to Port Weller, Ont.                          | Stranded<br>J. E. Ouellette.                 | .....       | Total, \$50,000.        |
| Oct. 29           | Mallon<br>130129           | 31                  | Sarnia, Ont.<br>(American) | Wood<br>Steam                             | 988                       | Montreal<br>Port Colborne.       | Lachine canal.   | Stranded<br>J. A. Smith.                     | .....       | Partial, \$6,000.       |
| Nov               | Myron                      | .....               | .....                      | .....                                     | .....                     | .....                            | Lake Superior  | Foundered                                    | 17          | Total.                  |
| Nov 9             | N. J. Nilsson<br>45603     | 39                  | (American)                 | Steam<br>Masts,<br>Wood                   | 368                       | Bay City, Mich.<br>Meaford, Ont. | Meaford.   | Foundered<br>H. Erbe.                        | .....       | Total, \$500,000.       |
| May 27            | Ophir<br>112173            | 17                  | Toronto.                   | Steel<br>Steam                            | 7-61                      | .....                            | Perry Sound<br>Harbour.                                | Burnt<br>M. Pearce.                          | .....       | Total, \$1,000.         |
| Oct. 24           | P. W. D. Hill<br>132941    | .....               | Ottawa                     | Steam<br>Dredge<br>Wood<br>Sail           | 163                       | Cobourg, Ont.<br>Hamilton.       | 11 miles E.N.E. of Hamilton, lake Ontario.             | Foundered<br>H. J. Matthews.                 | .....       | Total.                  |
| Sept 30           | Richard W.<br>133822       | 28                  | Montreal                   | Wood<br>Steam                             | 901-53                    | Montreal,<br>Toledo, Ohio        | Lake St. Louis   | Stranded<br>J. B. C. Raymond.                | .....       | Partial.                |
| Oct. 28           | St. Louis,<br>71622        | 43                  | Montreal.                  | Wood<br>Steam                             | 35-41                     | Montreal<br>Melocheville.        | Between Isle Thibault and Isle Thomas, lake St. Louis. | Foundered<br>Chs. Polon.                     | .....       | Partial.                |
| July 25           | T. P. Phelan<br>140953     | 1                   | Montreal                   | Steel<br>Steam                            | 768-74                    | Port Colborne<br>Montreal.       | Fraser shoal, St. Lawrence river.                      | Stranded<br>R. E. J. Shannon.                | .....       | Partial, \$2,000.       |
| Oct. 31           | W. J. Carter.              | .....               | .....                      | .....                                     | .....                     | .....                            | Yorkshire island.                                      | Stranded                                     | .....       | Partial.                |

SESSIONAL PAPER No. 21

## MASTERS AND SEAMEN BRANCH.

REPORT OF B. F. BURNETT, SUPERINTENDENT.

During the fiscal year 1919-20, navigation schools were in operation at St. John, N.B., Halifax, N.S., Yarmouth, N.S., and Quebec, P.Q.; and marine lectures were delivered at North Sydney, C.B., Yarmouth, N.S., Collingwood, Ont., and Vancouver, B.C.

Examinations for masters' and mates' certificates were held at Halifax, N.S., Yarmouth, N.S., North Sydney, B.C., Charlottetown, P.E.I., St. John, N.B., Quebec, P.Q., Montreal, P.Q., Ottawa, Ont., Kingston, Ont., Toronto, Ont., Collingwood, Ont., Port Arthur, Ont., West Selkirk, Man., Edmonton, Alta., Nelson, B.C., Prince Rupert, B.C., Vancouver and Victoria, B.C.

Issued during the year: 9 masters', 16 mates' and 12 second mates' sea-going certificates of competency; 97 masters' and 92 mates' coasting certificates of competency; 38 masters' and 33 mates' inland waters certificates of competency; 36 masters' and 17 mates' minor inland waters certificates of competency and 47 masters' temporary certificates.

During the year 18,208 seamen were shipped at the various shipping offices.

## PILOTAGE REPORT.

CAPT. G. E. L. ROBERTSON, SUPERINTENDENT GENERAL.

Following the report of the Royal Commission on Pilotage, I was transferred to Ottawa on the 1st July, 1919, as Superintendent General of Pilotage.

The Minister of Marine and Fisheries is the Pilotage Authority for the Pilotage districts of Quebec and Montreal, and all matters relating to pilotage are dealt with through the local superintendent of pilots at Quebec. There are 50 pilots and 9 apprentices in the Montreal district, and 62 pilots and 8 apprentices in the Quebec district. The gross earnings of pilots in the Quebec district was \$141,917.77, and in the Montreal district \$133,364.36, giving an average of \$2,288.97 and \$2,600 to each pilot of the Quebec and Montreal districts, respectively. All expenses for these services are paid out of public funds. Expenses for fiscal year ending 31st March, 1920, were \$106,806.24.

In the Montreal district 5 per cent of the gross earnings of pilots is deducted for the Pension Fund (Montreal Decayed Pilots' Pension Fund). This fund is administered without charge for the Montreal pilots by the Department of Finance. Each pilot on retiring receives a pension of \$300 per annum, and \$150 per annum is paid to the widow of a pilot who dies either while on active service or who has retired.

During September, 1919, the pilotage rates for inland, coasting and sea-going steamers was increased 25 cents per foot of draught, this making them \$3.25, \$3.50 and \$4.00 respectively. This was done as the pilots represented that the rates in force did not allow for sufficient remuneration.

In the Quebec district 7 per cent of the gross earnings of the pilots is deducted for the pension fund. This fund is administered by the Quebec Pilots' Corporation, and amounted on December 31st, 1919, to \$87,524.10. In addition to the pension received from the corporation, certain retired pilots, 30 in number, receive an annual pension of \$300 from the Government.

The Pilotage district of Halifax, which was taken over in 1918 under the provisions of the War Measures Act, was formally taken over, with the Minister as the Pilotage Authority, on 1st January, 1920. New by-laws for the government of this district are being prepared, and will be applied at an early date.

11 GEORGE V, A. 1921

There are 13 first-class, 4 second-class, and 4 apprentice pilots in this district. The gross earnings for the year ending 31st December, 1919, were \$58,893.93. Each first-class pilot received \$3,604.79, and each second-class pilot \$1,802.39. Five per cent of gross earnings are deducted for the pension fund. Pilots on retiring receive a pension of \$50 to \$600, according to length of service. This fund is administered for the Halifax pilots by the Department of Finance without charge.

The Minister of Marine and Fisheries has, by an Order in Council, dated 21st December, 1918, been appointed the Pilotage Authority for the Pilotage District of St. John, N.B., and steps are being taken to have a local superintendent appointed and by-laws for the government of the district prepared.

The Pilotage Districts of Nanaimo, Vancouver, and Victoria-Esquamalt were, on the recommendation of the Royal Commission on Pilotage, amalgamated into one district, called the "Pilotage District of British Columbia," with the Minister of Marine and Fisheries as the Pilotage Authority, the orders in Council in this regard being dated 10th September, 1919, and 20th December, 1919. The department formally took charge on the 1st January, 1920. Lieut.-Commander B. L. Johnson, D.S.O., was appointed Superintendent of Pilots, with headquarters at Victoria, B.C. There are 17 pilots in this district. Two over-age pilots have been retired and placed in charge of the pilotage stations at Nanaimo and Vancouver.

The pilotage dues are collected by the Collectors of Customs and forwarded direct to Ottawa and deposited to the credit of the Receiver General. The pilots receive 60 per cent of the gross receipts, 40 per cent being retained for expenses. Each pilot receives up to a maximum of \$325 per month, 5 per cent being deducted for the Superannuation Fund.

Of the thirty-eight other pilotage authorities constituted under the authority of the Governor in Council in pursuance of the provisions of the Canada Shipping Act, twenty-five have forwarded returns for 1919.

### SIGNAL STATION, CITADEL, HALIFAX N.S.

Record of shipping from April 1, 1919, to March 31, 1920, by F. C. Kilburn Major, R.C.E., Superintendent of Signals:—

|                             |       |
|-----------------------------|-------|
| Total vessels reported..... | 1,457 |
| "    arrived.....           | 1,484 |
| "    passed.....            | 3     |

### SABLE ISLAND.

Mr. J. U. Blakeney, ex-superintendent, reports boats on hand: 3 life boats, 3 surf boats, 2 dories, 1 motor dory.

Live stock on hand: 34 horses and colts, 40 horned cattled, 2 pigs.

Wrecks: SS. *Platea*, stranded on north side of island on November 7; crew of 30 were all safely landed.

Surf boat was smashed along C.G.S *Stanley* in April, 1919, and should be replaced.

### REPORTS OF AGENCIES

#### HALIFAX AGENCY.

In accordance with departmental instructions, the light-stations and buoys on the west coast of Nova Scotia from cape Sable north, and on the south shore of the Bay of Fundy, including Minas basin, and the south shore of Chignecto bay, were transferred to the St. John, N.B., agency on April 1, 1919.

## SESSIONAL PAPER No. 21

A new fence was built at the north entrance to Dartmouth depot, and repairs to the wharf are being carried out.

New aids to navigation during the year consisted of three spar buoys placed in Voglers cove, Port Medway, and two spar buoys at Chimney Corner, Cape Breton, and also at Port Morien in South Ingonish.

The C.G.S. *Lady Laurier* was employed in the district from April to August, 1919; from August to the end of November was at Halifax undergoing repairs, and from then on was engaged in agency work.

The C.G.S. *Stanley* was engaged from April to December 4 continuously in agency work, and from that date to the end of March was laid up for repairs.

The C.G.S. *Aranmore* during the months of April, May, June and July underwent repairs, from then until December 10 was employed in the district, afterwards going into winter quarters.

The lightship *Halifax No. 15* took fire and sank at dock, Dartmouth depot, on November 2, 1918, was refloated, repaired, and placed on station at Sambro bank, April 24, 1919. On November 6, 1919, broke her moorings during a heavy gale, made Liverpool harbour, coaled and arrived at Halifax on November 11; after repairing proceeded to her station on November 25. On March 14 again lost her moorings in a heavy gale, arrived at Halifax March 15, after securing new moorings, proceeded to her station on March 19.

## SYDNEY, N.S., SUB AGENCY.

Government steamers *Lady Laurier*, *Aranmore*, *Stanley*, and *Montcalm* made frequent calls in connection with lifting and placing harbour and coast buoys, and also in carrying lighthouse supplies.

For the year ended March 31, 1920, the shipping trade of the port was:—

|                             |       |              |           |
|-----------------------------|-------|--------------|-----------|
| Inwards—Foreign ships.....  | 506   | tonnage..... | 777,107   |
| Coastwise ships.....        | 1,512 | “ .....      | 836,828   |
| Total.....                  | 2,018 | “ .....      | 1,613,935 |
| Outwards—Foreign ships..... | 826   | “ .....      | 849,859   |
| Coastwise ships.....        | 1,214 | “ .....      | 730,298   |
| Total.....                  | 2,040 |              | 1,580,157 |

## PICTOU, N.S., SUB AGENCY.

Buoys were lifted in December, 1918, repaired, painted, and placed in position on April 29, 1919, the work of lifting and replacing the buoys being done by the SS. *Brant*.

For the Charlottetown, P.E.I. agency 543 barrels of oil were discharged and stored, and delivery checked when removed. The steamers *Brant*, *Stanley*, *Montcalm*, and *Lady Evelyn* were employed in this work.

Coal and supplies were obtained for steamers calling during the season.

Steamers arriving, 174, tonnage 30,684; steamers departing 175, tonnage 31,627; sailing vessels arriving, 400, tonnage 26,488; sailing vessels departing, 413, tonnage 26,969.

Assistance was given in preparing the SS. *Canadian Sealer* for the Magdalen islands service.

## QUEBEC AGENCY.

In accordance with departmental instructions, the lightstations and buoys eastward of Natashkwan along the north shore, and those of Newfoundland and strait of Belle Isle and Magdalen islands, including Bird rocks, were transferred to the Charlottetown, P.E.I., agency on April 1, 1919, and on that date this agency took over from the St. John, N.B. one, all the lights and buoys on the south side of Bay des Chaleurs, from Campbellton to Miscou.

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The vessels under the control of the agency during the season were: Ice breakers *Montcalm* and *Champlain*; steamers *Druid*, *Eureka*, and *Rouville*; lightships *Red Islet*, *Prince Shoal*, *White Island*, and *Lower Traverse*. For winter repairs and supplies the icebreaker *Lady Grey* and the steamer *Bellechasse* were employed.

The ferry service between River Ouelle wharf and the north shore of the river St. Lawrence was conducted during winter and summer by the *Champlain*.

## CHARLOTTETOWN AGENCY.

Besides the district taken over from the Quebec agency, the lightstations and buoys on the east coast of New Brunswick, from cape Tormentine to Shippigan were, on April 1, 1919, taken over from the St. John, N.B., agency.

During the year the larger part of the marine wharf at Charlottetown was repaired and a large warehouse built on the eastern side. Warehouse No. 4 was moved to the head of the wharf, to be used as a repair shop. No. 1 warehouse was overhauled and blocked up, and roof lights put round the building, and both Nos. 1 and 2 warehouses were fitted for elevators.

Work was commenced on the wharf on February 7, 1919, with five men, and continued until the late autumn.

The C.G.S. *Brant* was employed in the work of the agency throughout the season, during June and July the C.G.S. *Stanley*, and during November the C.G.S. *Montcalm* and the C.G.S. *Aranmore*.

## VICTORIA, B.C., AGENCY.

The reinforced concrete tower at Dryad point, Lama passage, commenced last year, to replace the former wooden one, was completed.

The work of constructing a combined light and fog-alarm station at Triple island, Hecate straits, was begun in August, 1919, but had to be abandoned before completion, owing to inclement weather in the latter part of November.

The rearrangement of the lighting system at the mouth of the Fraser river was completed, and the system of range lights extended up the river as far as New Westminster.

A combined concrete light tower and fog-alarm was constructed on Barrett rock, and a combined keeper's dwelling and engine-room was built of wood on the shore opposite the rock.

The Government steamers *Esteran*, *Newington*, with the chartered SS. *Lecbro*, were employed throughout the year in the district in the work of supplying lighthouses, buoy service, etc.

Only one wreck occurred in the district during the year, a small fishing vessel was blown ashore on Triangle island in the latter part of April, 1919. One man was drowned and his body picked up, and two survivors were taken off the island by the C.G.S. *Esteran*.

## PRINCE RUPERT, B.C., AGENCY.

On January 31, 1920 the Prince Rupert district was changed from a sub-agency to an agency, taking over all aids to navigation from Cape Caution to the Alaskan boundary, including Queen Charlotte islands.

Automatic acetylene beacons were erected on Kinnahan and Genn islands.

An oil-lighted day beacon was erected on David point, close to Ocean falls. An Aga beacon was established on Kamp point to aid vessels crossing Wright sound, and making the entrance to Grenville channel.

All light stations were inspected during the year, and found to be in a satisfactory condition.

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The agency maintained during the season: 11 light stations, 10 acetylene gas buoys, 1 Aga type buoy, 29 acetylene gas beacons, 4 can buoys, 6 conical buoys, 2 platform buoys, 20 spar buoys, and 25 day beacons.

The C.G.S. *Estevan* was employed in the work of the agency from July 26 to the close of the season, the C.G.S. *Lecbro* from October 20 to November 25, and the C.G.S. *Newington* from June 29, 1919, to the end of the season.

## FORT WILLIAM, ONT., SUB-AGENCY.

Icebreaking was carried on as usual, and navigation in the district opened on April 13, and closed on December 12.

The lightstations went into operation on April 13.

On April 17, 17 spar buoys were placed in the channels at Port Arthur and Fort William harbours.

There were maintained in the district during the year 12 lightstations, 2 sets of ranges, 2 Aga mast lights, 3 gas and bell buoys, 2 gas buoys, and 17 spar buoys.

## MONTREAL AGENCY.

The tug *Margot* was purchased for use in lighthouse construction work. Protection work was carried on at Cape Madeleine upper front light, and Ile de Grace back light. A new concrete pier and bridge were constructed at Lachine back light.

The Dominion steamers *Argenteuil*, *Dollard*, *Reserve*, *Vercheres* and *Shamrock* were employed during the season in agency work.

The old schooner *Bengalore* was removed from the Richelieu river.

## DOMINION LIGHTHOUSE DEPOT, PRESCOTT, ONT.

During the fiscal year 1919-20 a large amount of lighthouse, fog-alarm, and buoy materials were made up and shipped for the various agencies and lightstations of the Department throughout the Dominion, and all necessary work was performed in connection with the maintenance of lights and of the buoy service in the Prescott division.

The work of making the C.G.S. *Concretia* suitable for a buoy tender was completed, extensive repairs were made to the C.G.S. *Scout*, and the drifter *C. D. 50* was converted into a lightship for Bar point.

Repairs were made to the docks, some of the old useless buildings were removed, and the yard considerably improved, the work being carried out in a satisfactory manner by a somewhat reduced staff.

The machine shop completed about 103 production orders during the year, as well as doing a good deal of work on orders not yet completed. The production orders included: the making of standard diamond vapour light parts, diaphone instruments, pistons, and other fog-alarm materials; remodelling of Reliance clocks, work on high and low model revolving pedestal apparatus, etc., and also necessary work for Government steamers and plant.

The carpenter shop made necessary repairs to the steamers *Scout* and *Concretia*; also to the South Lancaster wharf, and Barriefield front light, and a number of superstructures for buoys were prepared for various agencies.

In the paint shop all buoys and lighthouse lanterns belonging to the Prescott division were painted, also traction lanterns for stores and lightstations, and all lanterns sent in from various agencies for repairs. Necessary painting for Government steamers and plant was also done.

In the packing and shipping department 560 shipments were packed and sent out during the year, and cases and crates for the same were made. All second hand materials received at the depot for repairs or stock were unpacked, examined, and reported upon.

In the blacksmith shop all necessary forgings for apparatus, Government steamers, and plant were made, a quantity of anchor chain prepared, and orders for fog alarm and buoy materials completed.

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The brass foundry made castings for various kinds of apparatus and for Government steamers.

The shipyard shop attended to freight shipments to and from the depot, handled coal and heavy materials for the various departments, loaded and unloaded railway cars, looked after the depot yards.

All gas, can, and conical buoys stored on the depot dock were cleaned and painted, and a number of old buoys were overhauled and made serviceable, orders for concrete anchors were completed, and labour furnished for the various shops.

The gas test room overhauled and tested all buoy and beacon lanterns in the Prescott division, and all lighthouse lanterns were put in good condition. All buoy lanterns received from the various agencies for repairs were overhauled, tested, and returned.

All orders for carbide door caskets, purifier door caskets, flash burner caskets, and buoy lantern diaphragms were made up by this department.

Shipments of Pintsch gas to the depot were measured up and reported upon.

The gas lighting plant on the Bar point lightship was installed.

Fifteen patterns were made in the pattern shop, and a large number overhauled and altered.

Seventeen drawings were made in the drawing office.

The C.G.S. *Scout* and the C.G.S. *Concretia* were employed in agency work throughout the season.

#### PARRY SOUND, ONT. AGENCY.

This agency maintained during the season 15 gas buoys, 2 Trinity bell buoys, 1 conical buoy, and 181 spar buoys.

The Government steamers *Grenville* and *Lambton* were employed from the opening to the close of navigation in the district on the work of supplying light-houses and maintaining the buoy service.

In May a new illuminating apparatus was installed in Owen Sound front range, and the ship channel between Parry Sound and Waubaushene was buoyed.

During July and August, a new concrete gas-lighted beacon was erected at the entrance to Honey harbour, and a fog-alarm bell was installed on Davieaux island, lake Superior.

Several new day beacons were built for the inner channel between Parry Sound and Waubaushene.

The agency staff proper during the season comprised eleven employees.

#### ST. JOHN, N.B. AGENCY.

The usual number of light and fog-alarm stations, buoys, and beacons, were maintained throughout the year.

At Boars head protection work was done to the dwelling, and repairs made to road. At Green island a temporary fog-alarm was established. At Letite passage a new fog-alarm building was erected, and a diaphone with oil engines installed. A new blacksmith shop was built and equipped at the Marine depot. The oil shed destroyed by fire at Machias, Seal island, was rebuilt. A new wooden building was erected at Parrsboro, and a small diaphone plant installed. Repairs to equipment and sheds were carried out at St. John West wharves. At cape D'or 800 yards of rock excavation was done to prevent sliding of the cribs. Tongue shoal was abandoned as a watched light, and an unwatched gas installation with sun valve made in 1919.

Throughout the season the C.G.S. *Aberdeen* and the C.G.S. *Laurentian* were employed in lighthouse supplies and buoy service work in the agency; and the C.G.S. *Thos. Mason* was also employed in this work and in carrying officials and workmen to and from lightstations.



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## REPORTS OF HARBOUR COMMISSIONERS.

## MONTREAL HARBOUR COMMISSION.

## PERSONNEL.

President, W. G. Ross; Commissioners, Farquhar Robertson, A. E. Labelle; officials: Secretary-Treasurer, M. P. Fennell, Jr.; Cashier, Thos. F. Trihey; Chief Engineer, F. W. Cowie, M. Inst., C.E., Consulting Engineer, Sir John Kennedy, assistant Chief Engineer, T. W. Harvie; General Superintendent of Grain Elevators, M. Peterson; Mechanical Superintendent, Geo. Gendron; Harbour Master, Capt. T. Bourassa, deputy Harbour Master, Capt. J. F. Symons; Comptroller, George E. Smart; Paymaster and Wharfinger, Robt. A. Eakin; Superintendent of Railway Terminals, J. Vaughan, assistant Superintendent of Railway Terminals, R. L. Mercier; Purchasing Agent, L. H. A. Archambault; Supervisor Customs Wharfages, P. E. Morant, Chief of Police, Lieut.-Col. E. A. Williams.

## MONTREAL'S PLACE AMONG THE WORLD PORTS.

The United States Department of Commerce, in its Statistical Abstract for 1919, thus gives the total export and import trade of the seven leading ports of the world for the latest year for which data are available:—

| Port.           | Year. | Imports.        | Exports.        | Total Commerce. |
|-----------------|-------|-----------------|-----------------|-----------------|
| New York.....   | 1918  | \$1,251,386,000 | \$2,613,049,000 | \$3,864,435,000 |
| Liverpool.....  | 1917  | 1,813,488,000   | 1,091,743,000   | 2,905,231,000   |
| London.....     | 1917  | 1,643,434,000   | 818,045,000     | 2,461,479,000   |
| Hamburg.....    | 1913  | 1,084,325,000   | 817,275,000     | 1,901,600,000   |
| Antwerp.....    | 1912  | 623,164,000     | 588,181,000     | 1,211,345,000   |
| Marseilles..... | 1915  | 518,756,000     | 304,290,000     | 823,046,000     |
| Montreal.....   | 1918  | 204,518,000     | 524,365,000     | 729,183,000     |

Although Montreal occupies seventh place among world ports for total commerce, it occupies sixth place in the value of its exports.

## ACCOMMODATION.

For an expenditure so far of \$29,500,000, Montreal Harbour affords the following accommodations:—

One hundred steamship berths from 350 to 750 feet in length, with a depth of water from 20 to 35 feet.

Thirty-five of these steamship berths are modern concrete wharves, built in the past few years.

Two large modern fireproof elevators with conveyor system to 15 steamship berths, at which 9 vessels can be loaded with grain at one time.

Twenty-three permanent fireproof transit sheds.

Fifty-eight miles of harbour railway terminals.

Complete and valuable construction and repairs plants.

About 200 acres of land situated in the most valuable position, industrially, in Montreal, all reclaimed.

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The extent of the wharves and piers at the end of the season was as follows:

|   |        |          |
|---|--------|----------|
| For 30 ft. draft and over at O.L.W.<br>or 4.9992 miles. | 26,396 | lin. ft. |
| For 25 to 27½ ft.<br>or 2.5458 miles.                   | 13,442 | lin. ft. |
| Total deep draft<br>or 7.5450 miles.                    | 39,838 | lin. ft. |

Included in this, five berths are available having a depth of 35 feet at O.L.W.

|   |        |          |
|---|--------|----------|
| For 20 ft. draft and under<br>or 0.5880 miles.  | 3,105  | lin. ft. |
| Total wharfage, end of 1919<br>or 8.1330 miles. | 42,943 | lin. ft. |

## SPECIAL FEATURES.

Montreal is on the line of route, east and west, between the great north-west of the American continent and European ports.

The harbour of Montreal is at the head of ocean navigation on the St. Lawrence, and at the foot of the inland navigation of the Great Lakes.

The great transcontinental railway lines of Canada all reach ocean navigation at Montreal.

During seven months of the year the Canadian transportation system, via the harbour of Montreal, competes with the great lake and rail transportation system of the United States.

## NAVIGATION CONDITIONS.

## TABLE OF DISTANCES.

| From.                          | To<br>Liverpool.   | To<br>Rotterdam.   |
|--------------------------------|--------------------|--------------------|
|                                | Nautical<br>Miles. | Nautical<br>Miles. |
| Montreal via Belle Isle        | 2,760              | 3,203              |
| " via Cabot straits            | 3,007              | 3,540              |
| Quebec via Belle Isle          | 2,625              | 3,158              |
| " via Cabot straits            | 2,872              | 3,405              |
| Halifax                        | 2,485              | 2,771              |
| St. John, N.B.                 | 2,692              | 2,978              |
| Portland, Me.                  | 2,776              | 3,062              |
| Boston                         | 2,854              | 3,140              |
| New York                       | 3,036              | 3,322              |
| Philadelphia                   | 3,172              | 3,458              |
| New Orleans                    | 4,525              | 4,813              |
| San Francisco via Panama canal | 7,843              | 8,107              |
| Vancouver via Panama canal     | 8,648              | 8,912              |

## ENGINEERING DEPARTMENT.

On the completion of the high-level railway to the Imperial Oil Works, Montreal East, at the end of last year, extensions and improvements were effected this year as follows:—

The spur embankment from the main line to the Imperial Oil wharf was completed, and also rip-rap protection on the outer face of the embankment from Vulcan wharf to Montreal East, 28,000 cubic yards of material being used on the extension and protection work.

In conjunction with the company, direct connection with No. 1 plant of the Canada Cement was established by a short spur track to the harbour boundary, the company continuing the spur from that point to a junction with their track near Notre Dame street.

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Railway connections to the Imperial Oil Company's works, Montreal East, were improved.

The high-level railway between Papineau avenue and Jail subways was widened, and two additional tracks laid down.

The siding accommodation adjoining the Commissioners' elevators was greatly increased, and a considerable amount of paving done in conjunction with the city authorities.

## SUMMARY OF RAILWAY EXTENSIONS.

|   | lin. ft. |
|---|----------|
| Connection to Canada Cement Co. ....                          | 200      |
| Connection to Imperial Oil Ltd. ....                          | 240      |
| Crossover....   | 150      |
| Third track Canada Cement to Imperial Oil.....                | 1,510    |
| <hr/>   |          |
| High Level Railway Widening Papineau ave. to Jail Subway..... | 2,100    |
| On Common and Commissioners streets.....                      | 1,972    |
| On Low Level Wharf, Sections 27-28.....                       | 8,113    |
| Industrial Sidings:—  | 2,859    |
| Molasses Products Co. (additional).....                       | 252      |
| Canadian Spool Cotton Co.:—                                   |          |
| (On Harbour property).....                                    | 91       |
| (On Company's property 494'.....                              | 328      |
| Section 82 (additional on Harbour property).....              | 328      |
| <hr/>   |          |
| Total additional track on Harbour property.....               | 15,715   |
| Equal to 3 miles approximately.                               |          |

*New Wharves.*—The construction of wharves suspended during the last two years of the war, was resumed. Jacques Cartier pier was lengthened 218 feet on the east side and 273 feet on the west side, the new pier head line measuring 294 feet, making in all 785 feet of standard high level quay-wall. The building of new shore wharves from section 30 to the Dominion Coal Company's wharf was resumed.

*Dredging and Filling.*—Two dredges worked all season on the channel and cribseats for the proposed south side of Bickerdike pier; the area covered being  $3\frac{1}{2}$  acres.

On the 15th of August one dredge resumed work on the 20-foot channel E.L.W. behind St. Helen's island, covering during the season an area of about  $2\frac{1}{2}$  acres, the cut extended being 250 feet in length, to a width of 300 feet.

Government dredge No. 1 was engaged during the season in widening the ship channel opposite the drydock, and provided 6,200 cubic yards of material for reclamation above the drydock for filling in the bight between the drydock and Sutherland pier, the filling on this work during the season amounted to 111,000 cubic yards.

*New Buildings.*—Concrete foundation and steel work for three new sheds were constructed in the fall: No. 17, 310 feet by 100 feet; No. 18, 530 feet by 85 feet, and No. 19, 520 feet by 85 feet; these will have two decks, a conveyor gallery system of two belts, and modern fireproof offices and workrooms.

Plans have been made and construction work is in progress on a new locomotive repair shop in Harbour yard, on Notre-Dame street, East. This building, 130 feet by 42 feet, will be fireproof, and provided with a 30-ton traveller crane and pit.

The commissioners' floating crane lightered and handled 10,999 tons during the season, and proved, as usual, a valuable adjunct to the port.

The electrical equipment of the head office, dredging plant, transit sheds, elevators, conveyors, freight hoists, escalators, engine shops, and sub-stations, were maintained and improved, and the harbour lighting, comprising flame arcs and powerful nitrogen units was operated throughout the season.

The saw-mill delivered to the works during the season 717,012 feet B.M., and 328,722 lineal feet

## RAILWAY TRAFFIC DEPARTMENT.

The increase in mileage for the year was about 3 miles, making at present a total of 58 miles of track to be maintained. During the year 13,742 ties were renewed, and 17,970 lineal yards of rails replaced. In spite of the enormous tonnage handled per mile, no serious mishap to traffic occurred during the year. The total number of cars handled during the year was 182,328.

## GRAIN ELEVATOR SYSTEM.

The capacity of the commissioners' elevators is:—

|  |                    |
|--|--------------------|
| Elevator No. 1.....                    | 4,000,000 bushels. |
| " No. 2.....                           | 2,652,000 "        |
| Grand Trunk Elevators "A" and "B"..... | 2,150,000 "        |

The total quantity of grain handled by elevator No. 1 during the season was 19,530,635 bushels; by No. 2, 17,820,924 bushels—a total of 35,509,323 bushels for the season. Only one floating elevator was operated during the season, which transferred 20,326 bushels.

## POLICE DEPARTMENT.

During 1919 the Harbour Police Force consisted of 4 officers and 53 men, uniformed and armed, who regulated the traffic, maintained order, and protected life and property within the harbour limits. The services of 30 of this force were constantly at the disposal of the various shipping companies during the season.

## FINANCIAL STATEMENT.

Receipts on revenue account were \$1,990,594.39, a decrease of \$113,597.09 from the previous year. Cost of operations, maintenance and interest was \$2,114,555.61, an increase over the previous year of \$88,013.54, leaving a deficit to the debit of revenue account for the year of \$123,961.22. The interest charges, amounting to \$911,320.49, show an increase of \$7,735.22 on new loans, due to the continued carrying out of works of improvement.

There was received from the Dominion Government on loan \$670,000 on account of capital expenditure for works of improvement, on which the Government have raised the rate of interest from  $3\frac{1}{2}$  per cent to 5 per cent.

The disbursements on capital account in 1919 were \$1,176,286.30.

## GENERAL.

The plans for the building of a public warehouse and cold storage plant, and the electrification of the harbour railway system outlined in last year's report are being carried out.

The site decided upon for the warehouse is inside the harbour retaining wall on the west side of the foot of Beaudry street, and that for the power house to contain the mechanical refrigerating equipment, and the electrical equipment for the operation of the harbour electric railways, will be on the east side of the foot of Beaudry street.

The building when completed will be 436 feet by 103 feet, and will consist of eight floors and a basement, equipped with eight large freight elevators. Each cold storage floor will be divided into nine rooms varying in capacity from 77,750 cubic feet to 35,750 cubic feet.

The building will be of a fireproof character, and equipped with an up-to-date automatic fire sprinkler system. The power-house opposite will be a considerably smaller building similar in appearance, and will consist of a basement, two floors, and a condenser house on the roof.

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The piling on the ground to be occupied by the cold storage-warehouse plant, has been successfully completed by the McArthur Concrete Pile and Foundation Company of Montreal, the piles being known as "pedestal piles," formed by driving a steel core and shell, then removing the core and filling the shell with concrete.

The work of the electrification of the harbour railway system was commenced in September, 1919, and carried on throughout the winter months; steady progress is being made, the work being divided into four sections:—

1. Power Station Machinery Equipment.
2. Control, Protective and Signal Equipment.
3. Overhead Catenary Line Material.
4. Rail Bonding Material.

## QUEBEC HARBOUR COMMISSION.

## CHIEF ENGINEER'S REPORT.

Construction work on landing shed No. 28, Princess Louise docks, and subsidiary grain galleries, has been almost completed, so that all will be ready for use by the opening of navigation next spring. Electric lights have been installed in this shed, and a Gantry crane, and car loading and railway lines to serve the shed laid down.

The lease of the shipbuilding site at the west end of the Louise embankment to the Quebec Shipbuilding and Repair Company terminated last summer, and all the company's plant and material have been removed, making this area and the adjoining dock frontage available for use next season.

The grading of the dredged basin in the river St. Charles has been continued, and the approach to the basin widened and deepened.

Damage caused to sheds on pier No. 1 by last November storms has been repaired, and the work of raising the finished surfaces of this pier and of landing sheds Nos. 25 and 27 was begun and continued until the close of the season.

Permanent brick paved roadways and approaches have been laid down between the main embankment roadway and landing sheds Nos. 28 and 29; a brick paved roadway is also under construction at the west end of the embankment, affording exit from the docks by way of Ramsay street.

A brick building has been erected at the east end of the main carriage roadway to serve as a waiting room for passengers embarking by tender on ocean ships not berthing at the breakwater.

Railway lines have been laid down to the new landing shed No. 28 and connected with the main lines.

A new 8-inch water main has been laid down at the west end of the embankment to supply 6-inch main installed for water service to sheds Nos. 28 and 29.

The long wharf at Indian cove, damaged by last November's high tide, has been rebuilt and repaired with the exception of about 500 feet, which still has to be built up to an additional height of seven feet.

All the commissioners' properties have been maintained in good condition.

## WHARFINGER'S REPORT.

The traffic in connection with the St. Charles docks and wharves was: inwards, 331 vessels, 822,983 tons register; outwards, 274 vessels, 506,879 tons register; lower port vessels, 111, 18,231 tons register.

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## HARBOUR MASTER'S REPORT.

## PORT OF QUEBEC—RECORD OF SHIPPING ARRIVALS, 1919.

|   | Number<br>of<br>Vessels. | Gross<br>tonnage. |
|---|--------------------------|-------------------|
| Coasting vessels from seaward .....                 | 141                      | 88,957            |
| Coasting vessels from Montreal and Great Lakes..... | 186                      | 186,738           |
| Ocean Steamships—Inwards.....                       | 147                      | 1,152,244         |
| Ocean Steamships—Outwards <sup>1</sup> .....        | 181                      | 546,151           |
|   | 655                      | 1,974,090         |

<sup>1</sup>Including sea-going vessels built on the Great Lakes.

For the first time in the history of the port navigation last winter was hardly ever closed. The last vessel sailed on the 30th of December, and on the 21st of January the SS. *Canadian Voyageur* left for Halifax with the C.G.S. *Montcalm* as escort.

Shipbuilding was active throughout the season. Five steam trawlers for the naval service and eleven steam wooden vessels for the French Government were built by the Davie Shipbuilding and Repairing Company, Limited, and one steamer also for the French Government, by the National Shipbuilding Company, of Levis.

In the fall some newly-built ships came into port from various western shipyards to be completed for sea; fourteen of these, built of wood, were delayed by ice, and wintered in the port, as well as eight United States Eagle boats and one United States Navy tug.

## TRAFFIC MANAGER'S REPORT.

During the year 42,113 cars were handled by the commissioners' locomotives, and 10,355 cars by the car ferry

## GRAIN ELEVATOR.

Harbour Commissioners' elevator No. 2 received 4,534,067 bushels of grain during the season, and delivered 4,100,403 bushels, leaving in store 433,664 bushels.

## REVENUE AND EXPENDITURE.

The revenue for 1919 was \$389,502.62, and the expenditure \$438,673.17, leaving a deficit for the year of \$49,170.55.

## FACILITIES OF THE PORT OF QUEBEC.

*Steamship berths.*—In wet dock, six berths of from 400 to 500 feet in length. In tidal harbour, four berths of from 400 to 500 feet in length. Breakwater—four berths of 500 feet in length, or three berths of 700 feet in length, or two berths of 1,100 feet in length. Pointe-a-Carcy wharves—five berths, one ocean, one car ferry, two coasting, and one bunkering. River St. Charles basin—seven berths of from 500 to 600 feet in length.

*Depth of water at low tide.*—wet dock, 25 to 26 feet; tidal harbour, 24 to 30 feet; breakwater, 40 feet; Point-a-Carcy wharves opposite shed, 21; ocean berth and car ferry berth, 40 feet; river St. Charles, 35 feet.

*Grain Elevators.*—One grain elevator with a capacity of 250,000 bushels.

One fireproof concrete grain elevator, with a capacity of 2,000,000 bushels, with marine tower, conveyors and grain galleries; loading capacity, 60,000 bushels per hour; it has also a grain dryer, a "Richardson separator," and a baggage shed.

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*Facilities for handling Cargoes.*—Four locomotives for switching cars. Railway lines to all ships, berths and sheds. One 50-ton floating crane. Cars and scows for removing ships' ballasts. Five locomotive cranes, with capacity up to 38 tons. City water, electric light, and power installation.

*Landing sheds.*—There are thirteen landing sheds in all, with a combined space of 542,550 square feet of floor area.

*Railway facilities.*—The Quebec Harbour Commissioners have 16 miles of tracks on docks for handling of freight. Shunting on docks is done by Harbour Commissioners.

With the completion of the Quebec bridge, the docks are now accessible to all railways.

The Canadian Pacific Railway and the Canadian National Railways (Canadian Northern and National Transcontinental) have their Quebec terminus within the harbour limits.

*Graving docks.*—Quebec harbour possesses two graving docks, one 600 feet long by 62 feet wide at entrance and one (new) 1,150 feet long by 120 feet wide at entrance, capable of taking the largest vessels afloat, with attached workshops capable of executing all required repairs.

## TARIFFS.

The Quebec Harbour Commissioners' tariffs relating to wharfage, switching and grain elevators, have been carefully revised during the year 1919. These new tariffs, which will compare favourably with any other existing tariffs at other ports, were put into effect on May 1, 1919.

## THREE RIVERS HARBOUR COMMISSION

The Commission has not been able to make up the deficit of 1918, nor have they been able to avert another though smaller deficit for 1919, as shown by the statement. This is chiefly due to the loss of the bituminous coal trade, now conveyed by railway. The port has also suffered through the decrease of the lumber trade with the United States. However, a large pulp mill is being built at the mouth of the St. Maurice river, which will be in operation next spring and undoubtedly contribute to the trade of the port.

The Quebec and Levis Ferry Company are desirous of establishing a car ferry service between Three Rivers and Ste. Angele de Laval, the terminus of the Grand Trunk. This would have to be done by direct negotiation with the Government. The linking up of the shores of the river in the vicinity of Three Rivers would undoubtedly benefit the shipping and the general trade of the port.

STATEMENT of number and tonnage of steamers and other vessels reported inward and outward of the port of Three Rivers, for the year 1919.

| OCEAN TRAFFIC—Return of Vessels Inward. |     |        | OCEAN TRAFFIC—Return of Vessels Outward. |     |         |
|---|-----|--------|--|-----|---------|
| Nationality.                            | No. | Tons.  | Cleared for                              | No. | Tons.   |
| British.....                            | 7   | 17,505 | Inland ports.....                        | 3   | 8,515   |
|   |     |        | England.....                             | 4   | 8,990   |
|   |     |        |  | 7   | 17,505  |
|   |     |        | Inland Traffic.                          |     |         |
| United States Traffic.                  |     |        | Schooners and barges.....                | 98  | 18,754  |
| Canal boats.....                        | 141 | 14,126 | Tugs and steamboats.....                 | 697 | 571,360 |
|   |     |        |  | 795 | 890,114 |

11 GEORGE V, A. 1921

## RECAPITULATION.

|                            | No. | Tons.   |
|----------------------------|-----|---------|
| Ocean traffic.....         | 7   | 17,505  |
| United States Traffic..... | 141 | 14,126  |
| Inland traffic.....        | 795 | 890,114 |
| Grand total.....           | 943 | 921,745 |

## MERCHANDISE.

| Inward.                |           | Outward.             |            |
|------------------------|-----------|----------------------|------------|
| Hard coal, tons.....   | 13,724    | Sand, tons.....      | 29,500     |
| Soft coal, tons.....   | 2,405     | Lumber, feet.....    | 25,163,192 |
| Sand, tons.....        | 1,125     | Pulpwood, cords..... | 5,323      |
| Hay, tons.....         | 10        | Soft coal, tons..... | 314        |
| Cordwood, cords.....   | 925       | Steel, tons.....     | 1,000      |
| Sulphur, tons.....     | 3,519     | Machinery, tons..... | 38         |
| Bricks.....            | 1,065,000 | Cement, tons.....    | 10         |
| Apples, bushels.....   | 1,350     | Bricks.....          | 25,000     |
| Lumber, feet.....      | 520,875   |                      |            |
| Potatoes, bushels..... | 450       |                      |            |

## RECEIPTS AND DISBURSEMENTS FOR THE YEAR 1919.

| Receipts.  |              | Disbursements.   |              |
|--|--------------|--|--------------|
| Tonnage dues.....                                | \$ 896 29    | Current expenses.....  | \$ 363 35    |
| Harbour dues: inward.....                        | 1,597 67     | Salaries and commission.....   | 5,389 60     |
| Harbour dues: outward.....                       | 1,736 28     | Printing and stationery.....   | 147 60       |
| Rent of wharves and moorage.....                 | 4,396 10     | Travelling.....  | 65 05        |
| Commutation, divers, and discounts.....          | 21,818 05    | Repairs and general harbour expenses.....                                      | 2,120 90     |
| Similarly amounts and notes to be collected..... | 2,019 00     | Interest on debentures.....  | 9,525 00     |
| Reserve account.....                             | 23 03        | Construction.....  | 345 62       |
|  |              | Divers repayments.....   | 11,288 75    |
| Balance on the 31 December, 1918.....            | \$ 32,436 42 | Total expenses on revenues.....  | \$ 29,245 87 |
|  | 1,233 72     | Deposits in bank, cash in hand and notes to<br>be collected Dec. 31, 1919..... | 4,479 27     |
|  | \$ 33,725 14 |  | \$ 33,725 14 |

## VANCOUVER HARBOUR COMMISSION.

On the 7th of July, 1919, an Act was passed providing an expenditure of \$5,000,000 for the development and equipment of the harbour. On October 1 the board was reconstituted; the members of the new board are—President, G. H. Kirkpatrick, Esq., Commissioners S. McLay, Esq., and A. R. McKenzie, Esq.

## BALLANTYNE PIER.

Mr. A. D. Swan, M. Inst. C.E., was instructed to prepare plans for the above new pier on Burrard inlet, to be equipped with reinforced concrete warehouses and modern freight handling appliances. Coincident with the construction of this pier a freight car ferry service will be installed opening up as industrial sites, extensive flats on the north shore of Burrard inlet. It is estimated that these works will take two years to complete.

## OTHER PROJECTS.

Are (1) the providing of public booming grounds; (2) the preparation of Kitsilano Indian Reserve for the accommodation of industries. This area underbrushed last year is now being cleared and graded. The success of the reclamation of the area known as Granville island, now leased to industrial concerns, and the continued demand for industrial sites, should insure the financial success of this last project.



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## SHIPBUILDING.

During the year there were built in local yards twelve steel vessels with a total tonnage of 90,200.

## GOVERNMENT WHARF.

The number of vessels of all classes berthed at this wharf during the year was 271, and the volume of business handled 68,000 tons of general merchant and 18,000,000 feet B.M. of lumber.

## SHIPPING RETURNS.

According to the Customs returns, the classification of vessels entering and clearing during the year ending 31st March, 1920, is as follows:—

|                        | Vessels. | Tonnage.   |
|------------------------|----------|------------|
| Foreign inwards.....   | 1,430    | 1,761,008  |
| “ outwards.....        | 1,298    | 1,416,979  |
| Coastwise inwards..... | 9,964    | 3,576,597  |
| “ outwards.....        | 10,308   | 3,936,827  |
|                        | 23,000   | 10,691,411 |

## RECEIPTS AND EXPENDITURES.

Total operating receipts, \$106,675.97; total operating expenditures, \$75,-466.06; surplus for year ended December 31, 1919, \$31,209.91.

## PICTOU HARBOUR COMMISSION.

## STATEMENT OF HARBOUR DUES FOR THE YEAR ENDED DECEMBER 31, 1919.

|   |    |        |
|---|----|--------|
| Balance in bank, December, 1918.....    | \$ | 100 00 |
| Collections for the season of 1919..... |    | 362 88 |
|   | \$ | 462 88 |
| Disbursements, for 1919:—               |    |        |
| Harbour Masters' salary.....            | \$ | 200 00 |
| Paid Harbour Commissioners.....         |    | 162 88 |
| Balance in bank.....                    |    | 100 00 |
|   | \$ | 462 88 |

## COMMISSIONERS' ACCOUNT FOR YEAR ENDED DECEMBER 31, 1919.

|         |  |    |        |
|---------|--|----|--------|
| 1919    |  |    |        |
| May 1   | To be paid s.s. Hiawatha putting out buoys.....    | \$ | 30 00  |
| “ 2     | “ W. McLean, bushing channel.....                  |    | 18 00  |
| “ 2     | “ E. C. McDonald, bushing East river.....          |    | 31 00  |
| June 20 | “ P. Hall, painting buoys.....                     |    | 10 00  |
| Dec. 1  | “ ss. Hiawatha, taking up buoys.....               |    | 40 00  |
| “       | “ H. B. Ross, Secretary.....                       |    | 100 02 |
|         | Balance.....                                       |    | 280 25 |
|         |  | \$ | 280 25 |
|         |  | \$ | 509 27 |
| 1918.   |  |    |        |
| Dec. 3  | By balance.....                                    | \$ | 346 39 |
| “       | “ amount from collector of customs dues, 1919..... |    | 162 88 |
|         |  | \$ | 509 27 |
|         | By balance.....                                    | \$ | 280 25 |

## BELLEVILLE HARBOUR COMMISSION.

## HARBOUR MASTER'S REPORT.

| IMPORTS.                            |                                 |    |             |
|-------------------------------------|---------------------------------|----|-------------|
| 18,549 tons coal.....               |                                 | \$ | 1,854 90    |
| 1,567 " merchandise.....            |                                 |    | 156 70      |
|                                     |                                 |    | \$ 2,011 60 |
| EXPORTS.                            |                                 |    |             |
| 552 tons merchandise.....           |                                 | \$ | 55 20       |
| 617 " cheese.....                   |                                 |    | 51 70       |
|                                     |                                 |    | \$ 116 90   |
| Rental of dock and warehouse.....   |                                 |    | 520 00      |
|                                     |                                 |    | \$ 2,648 50 |
| Disbursements, sundry expenses..... |                                 |    | 26 30       |
|                                     |                                 |    | \$ 2,622 20 |
| 1918.                               |                                 |    |             |
| Dec. 31                             | To balance in bank.....         | \$ | 614 00      |
| Mar. 18-19                          | To dues deposited.....          |    | 150 00      |
| April 4                             | To dues deposited.....          |    | 225 00      |
| June 21                             | " " ".....                      |    | 504 35      |
| July 22                             | " " ".....                      |    | 319 50      |
| Aug. 22                             | " " ".....                      |    | 320 60      |
| Sept. 22                            | " " ".....                      |    | 425 90      |
| Oct. 27                             | " " ".....                      |    | 432 25      |
| Nov. 21                             | " " ".....                      |    | 175 60      |
| Dec. 5                              | " " ".....                      |    | 69 00       |
|                                     |                                 |    | \$ 3,236 29 |
| 1919.                               |                                 |    |             |
| Feb. 25                             | By auditors' fees.....          | \$ | 5 00        |
| Mar. 4                              | " secretary's salary.....       |    | 50 00       |
| April 12                            | " exp. Com. Ottawa.....         |    | 59 00       |
| May 19                              | " Intelligencer printing.....   |    | 8 25        |
| July 15                             | " Moving N.M. office.....       |    | 32 03       |
| Oct. 1                              | " Interest on debentures.....   |    | 600 00      |
| " 28                                | " repairs to dock.....          |    | 411 98      |
| Dec. 30                             | " lighting dock.....            |    | 108 75      |
|                                     | " transfer to sinking fund..... |    | 600 00      |
|                                     | " H.M. salary.....              |    | 600 00      |
|                                     | " caretaker of dock.....        |    | 300 00      |
| " 31                                | " balance on deposit.....       |    | 461 28      |
|                                     |                                 | \$ | 3,236 29    |
|                                     |                                 | \$ | 3,236 29    |

## STATEMENT of Sinking Fund to December 31, 1919:—

|         |  |    |           |
|---------|--|----|-----------|
| 1918.   |  |    |           |
| Dec. 31 | To credit of fund as per statement rendered..... | \$ | 9,661 67  |
| 1919.   |  |    |           |
| Dec. 30 | " deposit.....                                   |    | 600 00    |
| " 31    | " interest to date.....                          |    | 291 63    |
|         | Total of fund.....                               | \$ | 10,553 30 |

## PORT WARDENS REPORTS FOR THE YEAR ENDING DECEMBER 31, 1919.

Returns have been received from sixteen port wardens, eight from Nova Scotia, two from New Brunswick, two from Quebec, and four from British Columbia.

The total amount of fees collected by port wardens was \$32,351.57. To this total the port of Montreal contributed \$19,572.57; the port of Halifax, \$4,454; the port of Vancouver, \$3,380; the port of Sydney, Cape Breton, \$1,644; and the port of Quebec, \$1,619.50.

At the port of Montreal navigation opened on April 17, three days earlier than in 1918, and closed on December 12, two days earlier than in 1918.

The number of sea-going ships reported at the port of Montreal during 1919 was 531; aggregate tonnage, 1,809,148; an increase of 13 vessels over 1918, and a decrease of 10,736 tons. In addition 149 vessels of the United States Shipping Board passed through without taking on any cargoes. From the lower ports 88 steamers, tonnage 160,426, and 9 sailing vessels, tonnage 841, cleared; total 97 vessels, aggregate tonnage 161,267; an increase of 75 vessels and 145,177 tons as compared with the clearings in 1918.

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The amount of grain shipped from the port of Montreal during 1918 was: wheat, 32,818,056 bushels; peas, 42,703 bushels; barley, 10,810,515 bushels; oats 2,451,149 bushels; corn, 285,112 bushels; rye, 775,003 bushels; total of all grains, 47,182,639 bushels; a decrease of 12,249,291 bushels as compared with the shipments for 1918.

New lines of steamships operating from the port of Montreal during the season were: "Canadian Government Mercantile Marine, Limited," now operating sixteen vessels to the United Kingdom, West Indies, River Platte, and St. Johns, Nfld. "Compagnie Canadienne Transatlantique, Limitee," operating eight vessels (passenger and cargo) to French ports. "France and Canada Line," operating five vessels to French ports. "Marine Navigation Company" operating two vessels to French ports. "Houston Line," operating four vessels to River Platte. The C.P.O.S. are now operating two vessels recently bought from Norwegian owners to Scandinavian ports. Vessels have also sailed for Roumania, and Antwerp, the latter port being again open.

## REPORT OF THE QUEBEC SALVAGE AND WRECKING COMPANY.

1919.

- May 23 to 26.—Towed Department of Public Works dredge *No. 116* and four scows from Quebec to Rimouski.
- July 2nd and 3rd.—Services rendered by ss. *Lord Strathcona* assisting in operation of lifting ss. *Montmagny*.
- July 17th and 18th.—Services rendered by ss. *Lord Strathcona* assisting in operation of lifting ss. *Montmagny*.
- July 22nd and 23rd.—Towed off new steamer *C-3*, Three Rivers, which had stuck on ways during launching.
- July 23rd and 24th.—Towed Department of Public Works dredge *No. 1* from Quebec to Three Rivers.
- August 12th.—Services rendered by ss. *Lord Strathcona* assisting in operation of lifting ss. *Montmagny*.
- Aug. 22nd and 23rd.—Services rendered by ss. *Lord Strathcona* assisting in operation of lifting ss. *Montmagny*.
- Aug. 23rd to 30th.—Salved British steamer *Admiral Hastings* which steamer ran ashore off South West point, Anticosti.
- September 15th and 16th.—Services rendered by ss. *Lord Strathcona* and schooner *G.T.D.* assisting in operation of lifting ss. *Montmagny*.
- October 4th to 6th.—Towed Department of Public Works dredge and scow from Rimouski to Quebec.
- October 8th.—Services rendered by ss. *Lord Strathcona* and schooner *G.T.D.* assisting in operation of lifting ss. *Montmagny*.
- October 12th to 14th.—Diving services rendered steamer *Captain Dan* sunk Quebec harbour.
- October 15th to 18th.—Towed Department of Public Works plant *No. 110* from Port Alfred to Quebec.
- November 7th to 20th.—Salvage service rendered British steamer *Germanicus* which stranded on West reef off Bic island but had to postpone salvage owing to lateness of season also to weather.
- November 21st to 25th.—Salvage services rendered American schooner *George S. Smith* stranded off Point des Monts but had to stop work owing to lateness of season.
- November 29th to December 3rd.—Towed British steamer *Melmore Head* from Quebec to Bic.
- December 5th to 7th.—Towed off British steamer *Bassa* which ran aground in St. Lawrence river off Vickers wharf.

December 9th.—Towed American steamer *Lake Elmsmere* from Three Rivers to Quebec; this steamer lost her propeller in the ice.

The ss. *Lord Strathcona*, schooner *G.T.D.*, properly manned, and all salvage gear, in good order, have been kept in commission during the season of navigation to proceed to any accidents or mishaps to ships at very short notice.

REPORT OF THE PACIFIC SALVAGE COMPANY, LIMITED.

1919.

August 6th to 9th.—Salving *Princess Ena*, struck rock at Seymour narrows.

August 20th to 30th.—Salving ss. *Shinbu Maru*, struck at Bentinck island near Race rocks.

1920.

March 30 to 31.—*Prince John* struck at Dead Tree point Queen Charlotte islands.

RETURNS OF SHIPPING MASTERS FOR THE YEAR ENDING DECEMBER 31, 1919.

NOTE.—The Collector of Customs acts as shipping master where no shipping master is appointed.

QUEBEC.

| Name of Port.    | Name of County. | Name of Shipping Master. | Seamen Shipped | Seamen Discharged | Amount.  |
|------------------|-----------------|--------------------------|----------------|-------------------|----------|
| Chandler         | Gaspé           |                          |                |                   |          |
| Escoumains       | Saguenay        |                          |                |                   |          |
| Gaspé            | Gaspé           |                          |                |                   |          |
| Grand Pabos      | Gaspé           |                          |                |                   |          |
| Montreal         | Hochelaga       | J. O. Grey               | 3,822          | 2,669             | 2,801 80 |
| Magdalen islands | Gaspé           | C. F. Painchaud          | Nil.           | Nil.              | Nil.     |
| Paspébiac        | Bonaventure     | E. W. LeGallais          | Nil.           | 4                 | 1 20     |
| Perce            | Gaspé           | Phil. LaBoutellier       | Nil.           | Nil.              | Nil.     |
| Quebec           | Quebec          | T. Beland                | 456            | 283               | 304 80   |
| Rimouski         | Rimouski        |                          |                |                   |          |
| St. Johns        | St. Johns       |                          |                |                   |          |
| Three Rivers     | St. Maurice     | W. D. Fisher             | 1              | 1                 | 0 80     |
|                  |                 |                          | 4,279          | 2,957             | 3,108 60 |

NEW BRUNSWICK.

|                      |                |                |      |      |        |
|----------------------|----------------|----------------|------|------|--------|
| Albert               | Albert         | H. W. Crocker  | Nil. | 2    | 0 60   |
| Alma                 | Albert         |                |      |      |        |
| Baie Verte           | Westmoreland   |                |      |      |        |
| Bathurst             | Gloucester     | C. J. Melanson | Nil. | 5    | 1 50   |
| Chatham              | Northumberland | R. J. Walls    | 6    | 8    | 5 40   |
| Dalhousie            | Restigouche    |                |      |      |        |
| Dorchester           | Westmoreland   |                |      |      |        |
| Fredericton          | Westmoreland   |                |      |      |        |
| Grand Harbour        | Charlotte      |                |      |      |        |
| Harvey               | Albert         |                |      |      |        |
| Hillsborough         | Albert         | H. J. Steeves  | 10   | 6    | 6 80   |
| Lepreau              | Charlotte      | J. E. Haggerty | Nil. | Nil. | Nil.   |
| Musquash             | St. John       |                |      |      |        |
| New Brandon          | Gloucester     |                |      |      |        |
| Newcastle            | Northumberland |                |      |      |        |
| Quaco                | St. John       |                |      |      |        |
| Riverside            | Albert         |                |      |      |        |
| Rockport             | Westmoreland   |                |      |      |        |
| Sackville            | Westmoreland   | F. W. George   | Nil. | Nil. | Nil.   |
| St. Andrews          | Charlotte      | Taos. R. Wren  | Nil. | 2    | 0 00   |
| St. John             | St. John       | W. H. Purdy    | 847  | 358  | 530 90 |
| Shediac              | Westmoreland   |                |      |      |        |
| Shippigan            | Gloucester     |                |      |      |        |
| *St. Stephen         | Charlotte      | Andrew McWha   | Nil. | Nil. | 14 00  |
| St. Martins or Quaco | St. John       | R. Allan Love  | 21   | 14   | 14 70  |
| St. George           | Charlotte      |                |      |      |        |
|                      |                |                | 884  | 395  | 574 50 |

\* From 21 Lighters and sardine boats.

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RETURNS OF SHIPPING MASTERS—Continued.

NOVA SCOTIA.

| Name of Port.              | Name of County.  | Name of Shipping Master. | Seamen Shipped. | Seamen discharged. | Amount.  |
|----------------------------|------------------|--------------------------|-----------------|--------------------|----------|
| Advocate Harbour.....      | Cumberland.....  | E. C. Moore.....         | Nil.            | Nil.               | Nil.     |
| Amherst.....               | Cumberland.....  |                          |                 |                    |          |
| Annapolis Royal.....       | Annapolis.....   |                          |                 |                    |          |
| Antigonish.....            | Antigonish.....  |                          |                 |                    |          |
| Apple River.....           | Cumberland.....  |                          |                 |                    |          |
| Aricbat.....               | Richmond.....    | Chas. V. Herbin.....     | 4               | Nil.               | 2 00     |
| Baddeck.....               | Victoria.....    |                          |                 |                    |          |
| Barrington.....            | Shelburne.....   |                          |                 |                    |          |
| Barton.....                | Digby.....       | F. W. Hutchinsson.....   | 7               | Nil.               | 3 50     |
| Bayfield.....              | Antigonish.....  |                          |                 |                    |          |
| Belleveau Cove.....        | Digby.....       | E. E. Theriault.....     | 6               | Nil.               | 3 00     |
| Bear River.....            | Digby.....       | J. L. Warren.....        | 17              | 7                  | 10 60    |
| Bridgewater.....           | Lunenburg.....   |                          |                 |                    |          |
| Canning.....               | Kings.....       | J. W. Miller.....        | Nil.            | Nil.               | Nil.     |
| Canso.....                 | Guysborough..... | P. C. Cullen.....        | 48              | 30                 | 33 00    |
| Church Point.....          | Digby.....       |                          |                 |                    |          |
| Clark Harbour.....         | Shelburne.....   |                          |                 |                    |          |
| Clementsport.....          | Annapolis.....   | M. C. Jones.....         | 12              | 7                  | 8 10     |
| Cheverie.....              | Hants.....       | Nelson Brady.....        | 6               | 4                  | 4 20     |
| Descousse.....             | Richmond.....    |                          |                 |                    |          |
| Digby.....                 | Digby.....       | A. M. Gidney.....        | 17              | 19                 | 14 20    |
| Glace Bay.....             | Cape Breton..... |                          |                 |                    |          |
| Great Village.....         | Colchester.....  |                          |                 |                    |          |
| Guysborough.....           | Guysborough..... | H. M. Scott.....         | 17              | 9                  | 11 20    |
| Hawkesbury.....            | Inverness.....   |                          |                 |                    |          |
| Halifax.....               | Halifax.....     | H. S. Drake.....         | 3,844           | 2,939              | 2,502 70 |
| Hastings.....              | Inverness.....   |                          |                 |                    |          |
| Hantsport.....             | Hants.....       | J. W. Lawrence.....      | 30              | 28                 | 23 40    |
| Havre Bouche.....          | Antigonish.....  |                          |                 |                    |          |
| Isaac Harbour.....         | Guysborough..... |                          |                 |                    |          |
| Jordan Bay.....            | Shelburne.....   | E. Lyle Martin.....      | Nil.            | Nil.               | Nil.     |
| Lahave.....                | Lunenburg.....   | E. M. Reinhardt.....     | 234             | 192                | 174 60   |
| Liscomb.....               | Guysborough..... | Wm. Hemlow.....          | 4               | 2                  | 2 60     |
| Liverpool.....             | Queens.....      | W. A. Smith.....         | 65              | 13                 | 36 40    |
| Lockeport.....             | Shelburne.....   | J. R. Ruggles.....       | 5               | 3                  | 3 40     |
| Louisburg.....             | Cape Breton..... | A. M. Townsend.....      | 129             | 127                | 102 60   |
| Londonderry.....           | Colchester.....  |                          |                 |                    |          |
| **Lunenburg.....           | Lunenburg.....   | William Shupe.....       | 459             | 398                | 473 00   |
| †Mahone Bay.....           | Lunenburg.....   | T. F. Mader (acting)     | 41              | 26                 | 35 80    |
| Mainadieu.....             | Cape Breton..... | A. McDougall.....        | Nil.            | Nil.               | Nil.     |
| Maitland.....              | Hants.....       |                          |                 |                    |          |
| Margaretsville.....        | Annapolis.....   | J. L. Cleveland.....     | 7               | Nil.               | 3 50     |
| Margaree.....              | Inverness.....   |                          |                 |                    |          |
| Merigonish.....            | Pictou.....      |                          |                 |                    |          |
| Meteghan.....              | Digby.....       | L. T. Melanson.....      | 14              | 7                  | 9 10     |
| New Campbellton.....       | Victoria.....    |                          |                 |                    |          |
| North East Harbour.....    | Shelburne.....   | G. B. Swaine.....        | Nil.            | Nil.               | Nil.     |
| North Sydney.....          | Cape Breton..... | M. J. Ross.....          | 559             | 482                | 424 10   |
| Parrsboro.....             | Cumberland.....  | E. Woodworth.....        | 163             | 120                | 118 50   |
| Pictou.....                | Pictou.....      | W. E. Jones.....         | 94              | 81                 | 71 30    |
| Port Greville.....         | Cumberland.....  | F. R. Canning.....       | 10              | 18                 | 10 40    |
| Port Hawkesbury.....       | Inverness.....   |                          |                 |                    |          |
| Port Hastings.....         | Inverness.....   | Geo. L. McLean.....      | Nil.            | Nil.               | Nil.     |
| Port Hood.....             | Inverness.....   |                          |                 |                    |          |
| Port Lorne.....            | Inverness.....   |                          |                 |                    |          |
| Port Mulgrave.....         | Guysborough..... | M. J. Keating.....       | 56              | 66                 | 47 80    |
| Port Latour.....           | Shelburne.....   | Benj. R. Smith.....      | Nil.            | Nil.               | Nil.     |
| Port Medway.....           | Queens.....      |                          |                 |                    |          |
| Port Morien.....           | Cape Breton..... |                          |                 |                    |          |
| Port Williams.....         | Kings.....       |                          |                 |                    |          |
| Port Wade.....             | Annapolis.....   |                          |                 |                    |          |
| Pubnico.....               | Yarmouth.....    | J. L. Belliveau.....     | 6               | Nil.               | 3 00     |
| Pugwash.....               | Cumberland.....  | R. H. Pope (acting)      | 8               | Nil.               | 4 00     |
| River Hebert.....          | Cumberland.....  |                          |                 |                    |          |
| Riversport.....            | Lunenburg.....   |                          |                 |                    |          |
| St. Anns.....              | Victoria.....    | D. McAulay.....          | Nil.            | Nil.               | Nil.     |
| St. Peters.....            | Richmond.....    |                          |                 |                    |          |
| Salmon river.....          | Digby.....       | E. P. Deveau.....        | 2               | 1                  | 1 30     |
| Sheet Harbour.....         | Halifax.....     |                          |                 |                    |          |
| Shelburne.....             | Shelburne.....   | A. C. Bruce.....         | 48              | 4                  | 25 20    |
| Sherbrooke.....            | Guysborough..... |                          |                 |                    |          |
| Spencers Island.....       | Cumberland.....  | Geo. D. Spieer.....      | Nil.            | Nil.               | Nil.     |
| Sydney (Whitney pier)..... | Cape Breton..... |                          |                 |                    |          |
| Thione Cove.....           | Annapolis.....   |                          |                 |                    |          |
| Truro.....                 | Colchester.....  | J. Ramsay.....           | Nil.            | Nil.               | Nil.     |
| Tatamagouche.....          | Colchester.....  | A. D. Macfarlane.....    | Nil.            | Nil.               | Nil.     |
| Wallace.....               | Cumberland.....  |                          |                 |                    |          |

\*\* Three fishing crews.

† Fifty fishing crews at \$2.50—\$125 00

11 GEORGE V, A. 1921

RETURNS OF SHIPPING MASTERS—*Concluded.*NOVA SCOTIA—*Concluded.*

| Name of Port. | Name of County. | Name of Shipping Master. | Seamen Shipped. | Seamen discharged. | Amount.  |
|---------------|-----------------|--------------------------|-----------------|--------------------|----------|
| Walton        | Hants.          |                          |                 |                    |          |
| West Arichat  | Richmond        |                          |                 |                    |          |
| Weymouth      | Digby           | A. H. Brooks             | 51              | 22                 | 32 10    |
| Windsor       | Hants           |                          |                 |                    |          |
| Wolfville     | Kings           |                          |                 |                    |          |
| Yarmouth      | Yarmouth        | S. E. Messenger          | 166             | 81                 | 107 30   |
| Whitney pier  | Cape Breton     | V. Mullins (acting)      | 225             | 246                | 186 30   |
|               |                 |                          | 6,356           | 4,932              | 4,789 10 |

## PRINCE EDWARD ISLAND.

| Name of Port.  | Name of County. | Name of Shipping Master. | Seamen Shipped. | Seamen discharged. | Amount. |
|----------------|-----------------|--------------------------|-----------------|--------------------|---------|
| Alberton       | Prince          |                          |                 |                    |         |
| Charlottetown  | Queens          | E. Beers                 | 55              | 45                 | 41 00   |
| Crapaud        | Queens          | Neil Waddell             | 2               | Nil.               | 0 60    |
| Georgetown     | Kings           | T. E. Morrissey          | 7               | 5                  | 5 00    |
| Malpeque       | Prince          | R. J. Crater             | Nil.            | Nil.               | Nil.    |
| Murray Harbour | Kings           | H. A. Bell               | Nil.            | Nil.               | Nil.    |
| Montague       | Kings           |                          |                 |                    |         |
| Pinette        | Queen's         |                          |                 |                    |         |
| Port Hill      | Prince          |                          |                 |                    |         |
| St. Peter's    | Kings           |                          |                 |                    |         |
| Souris         | Kings           |                          |                 |                    |         |
| Summerside     | Prince          |                          |                 |                    |         |
| Tignish        | Prince          |                          |                 |                    |         |
|                |                 |                          | 64              | 50                 | 46 60   |

## BRITISH COLUMBIA.

| Name of Port.   | Name of County. | Name of Shipping Master. | Seamen Shipped. | Seamen discharged. | Amount.  |
|-----------------|-----------------|--------------------------|-----------------|--------------------|----------|
| Abouet          | Vancouver       |                          |                 |                    |          |
| Clayoquot       | Comox-Atlin     |                          |                 |                    |          |
| Hesquiat        | Comox-Atlin     | Chas. Moser              | Nil.            | Nil.               | Nil.     |
| Kyuquot         | Comox-Atlin     | A. Ellis                 | Nil.            | Nil.               | Nil.     |
| Masset          | Comox-Atlin     | C. Harrison              | Nil.            | Nil.               | Nil.     |
| New Westminster | New Westminster |                          |                 |                    |          |
| Prince Rupert   | Skeena          | E. McCoskrie             | 359             | 358                | 285 70   |
| Tofino          | Comox-Atlin     |                          |                 |                    |          |
| Vancouver       | New Westminster | J. B. Campbell           | 4,074           | 3,404              | 3,058 20 |
| Victoria        | Victoria        | Geo. Kirkendale          | 2,192           | 1,553              | 1,561 90 |
|                 |                 |                          | 6,625           | 5,315              | 4,905 80 |

## RECAPITULATION.

|                      | Seamen Shipped. | Seamen discharged. | Amount.   |
|----------------------|-----------------|--------------------|-----------|
| Quebec               |                 |                    | \$ cts.   |
| New Brunswick        | 4,279           | 2,957              | 3,108 60  |
| Nova Scotia          | 884             | 395                | 574 50    |
| Prince Edward Island | 6,356           | 4,932              | 4,789 10  |
| British Columbia     | 64              | 50                 | 46 60     |
|                      | 6,625           | 5,315              | 4,905 80  |
| Total                | 18,208          | 13,649             | 13,424 60 |

SESSIONAL PAPER No. 21

## LIVE-STOCK SHIPMENTS.

List of live-stock shipped from May, 1919, to November, 1919, to ports in Britain France and Belgium.

## MONTREAL.

| Months.        | Sheep. | Horses. | Cattle. |
|----------------|--------|---------|---------|
| 1919.          |        |         |         |
| May.....       |        | 4       | 229     |
| June.....      |        |         | 575     |
| July.....      |        | 1       | 230     |
| August.....    |        | 52      | 424     |
| September..... |        |         | 230     |
| October.....   |        | 52      | 208     |
| November.....  |        |         | 397     |
|                |        | 109     | 2,293   |

## EXPENDITURE AND REVENUE.

The parliamentary appropriation for the fiscal year 1919-20 was \$45,289,-781.27, the expenditure \$37,836,743.70, leaving an unexpended balance of \$7,453,037.57. The net revenue was \$303,001.87.

## CORRESPONDENCE.

The number of letters received during the fiscal year 1919-20 was 74,995, as against 66,601 in 1918, an increase of 8,394.

The number of letters sent out was 42,500, as against 39,116 in 1918, an increase of 3,384.

This increase is chiefly due to correspondence relating to the new Canadian shipbuilding programme, post-war reconstruction work, and the new system of making appointments to the outside service through the Civil Service Commission.

## SEASON OF NAVIGATION.

At the port of Montreal channel was reported clear on April 14, six days earlier than in 1918. The Government ice-breaker *Lady Grey* arrived from Quebec on April 16, and the first ocean-going ship, the *War Red Cap*, on April 23.

Navigation closed on December 12, two days earlier than in 1918. The last sea-going vessel to leave the port was the *Canadian Planter*.

## NEW LEGISLATION.

During the parliamentary session of 1919-20, the following new legislation affecting the department was enacted.

Canada Shipping Act (Certificates of service), Bill No. 21.

Canada Shipping Act (Steamboat Inspection), Bill No. 49.

Canada Shipping Act (Pilotage), Bill No. 94.

Canada Shipping Act (Sick and distressed mariners), Bill No. 127.

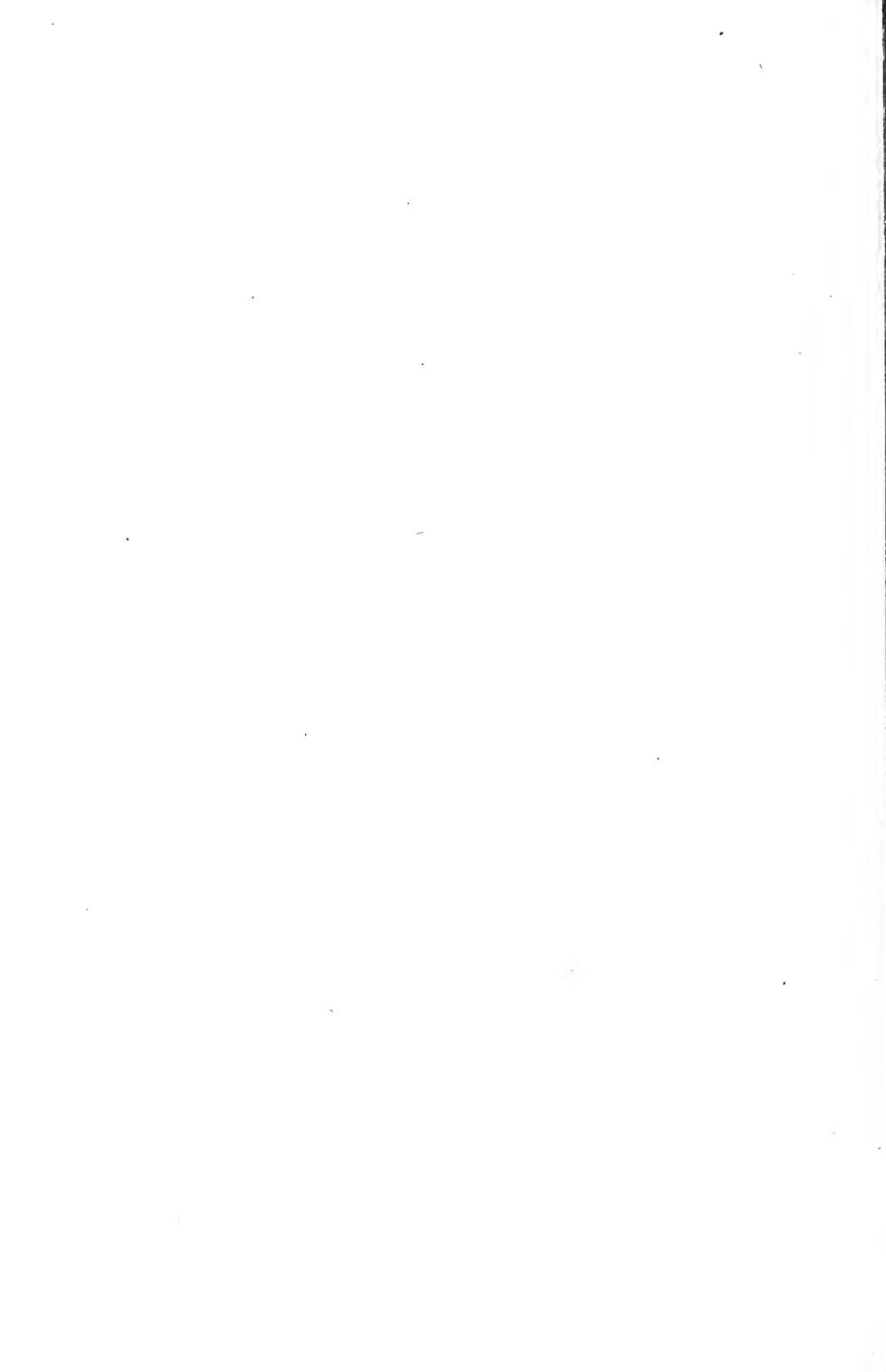
Shipbuilding, Bill No. 199.

## STEAMBOAT INSPECTION.

The report of the Chairman of the Board of Steamboat Inspection is published as a supplement to the annual report.

A. JOHNSTON,

*Deputy Minister of Marine and Fisheries.*





# LIST OF VESSELS

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# LISTE DES NAVIRES

# LIST OF SHIPPING

ISSUED BY THE

# DEPARTMENT OF MARINE AND FISHERIES

BEING A

LIST OF VESSELS ON THE REGISTRY BOOKS  
OF THE DOMINION OF CANADA

ON THE

31st DECEMBER

1920

*PRINTED BY ORDER OF PARLIAMENT*



OTTAWA

THOMAS MULVEY

PRINTER TO THE KING'S MOST EXCELLENT MAJESTY

1921

# LISTE DES NAVIRES

PUBLIÉE PAR LE

# MINISTÈRE DE LA MARINE ET DES PÊCHERIES

OU

LISTE DES NAVIRES INSCRITS SUR LES  
REGISTRES MARITIMES  
DU CANADA

AU

31 DÉCEMBRE

1920

*IMPRIMÉE PAR ORDRE DU PARLEM*



OTTAWA

THOMAS MULVEY

IMPRIMEUR DE SA TRÈS EXCELLENTE MAJESTÉ LE ROI

1921

To Lt.-Col. the Hon. C. C. BALLANTYNE,

Minister of Marine and Fisheries.

Sir,—I have the honour to submit herewith the thirtieth List of Shipping issued by this Department.

E. HAWKEN,

*Acting Deputy Minister of Marine and Fisheries.*

Department of Marine and Fisheries,

Ottawa, 1920.

A l'honorable Lt.-Col. C. C. BALLANTYNE,

Ministre de la Marine et des Pêcheries.

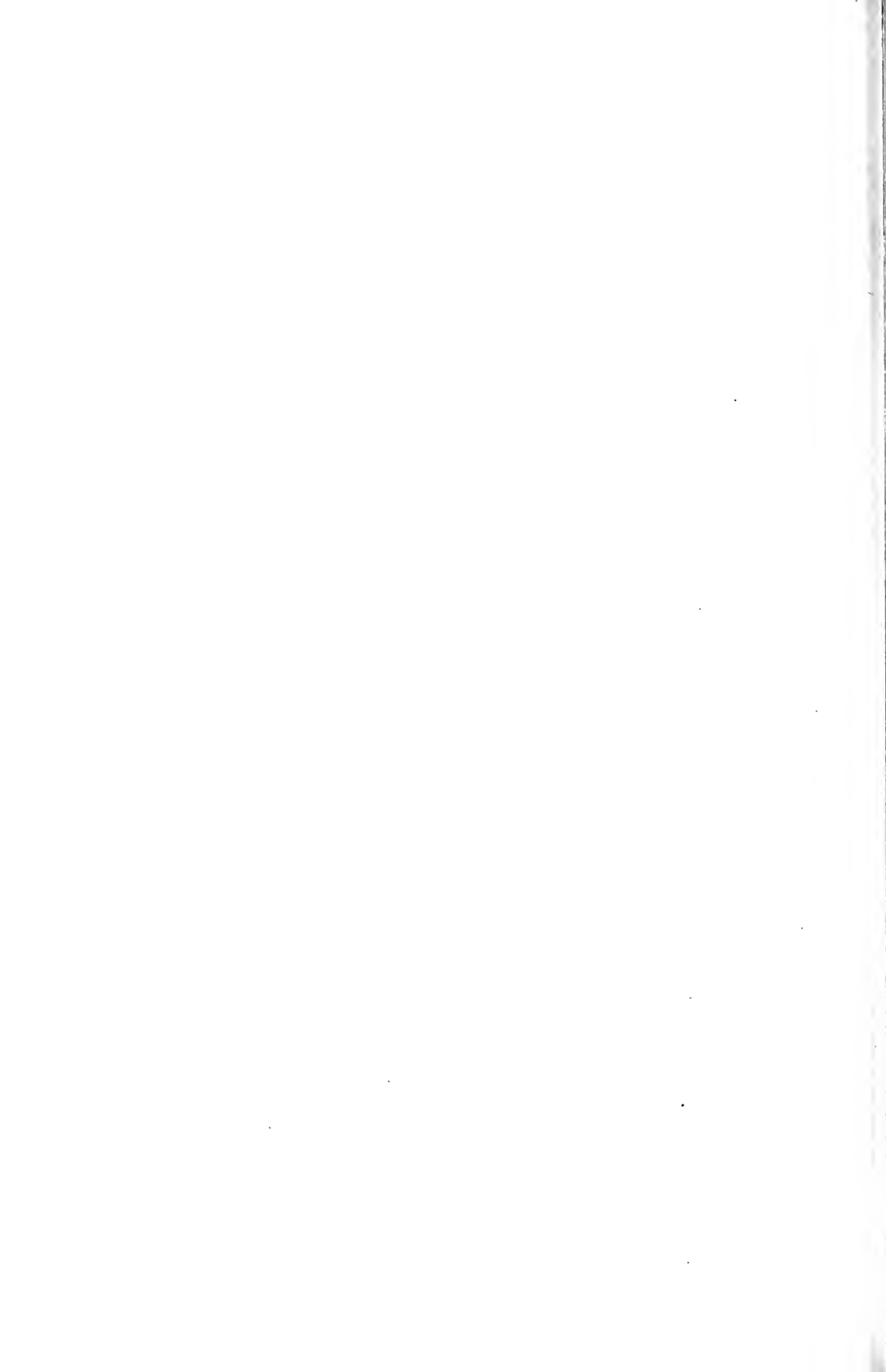
MONSIEUR.—J'ai l'honneur de vous soumettre la trentième liste des navires publiée par ce département.

E. HAWKEN,

*Sous-ministre intérimaire de la Marine et des Pêcheries*

Ministère de la Marine et des Pêcheries,

Ottawa, 1920.



**RULES OF THE ROAD**  
FOR  
**PREVENTING COLLISIONS AT SEA AND ON  
THE GREAT LAKES**

Issued by the Department of Marine and Fisheries, under the provisions of  
Part XIV of the Canada Shipping Act, Chapter 113,  
Revised Statutes of Canada, 1906

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**RÈGLEMENTS**  
POUR  
**PRÉVENIR LES ABORDAGES EN MER ET SUR  
LES GRANDS LACS**

Publiés par le ministère de la Marine et des Pêcheries, en vertu des dispo-  
sitions de la partie XIV de la loi de la marine marchande du Canada,  
chapitre 113, des Statuts révisés du Canada, 1906

## INTERNATIONAL RULES OF THE ROAD

IN FORCE IN ALL NAVIGABLE WATERS WITHIN CANADA OR WITHIN THE JURISDICTION OF THE PARLIAMENT THEREOF, EXCEPT THE WATERS OF LAKES SUPERIOR AND HURON, GEORGIAN BAY, LAKES ÉRIE AND ONTARIO, THEIR CONNECTING AND TRIBUTARY WATERS, AND THE ST. LAWRENCE RIVER AS FAR EAST AS THE LOWER EXIT OF THE LACHINE CANAL AND THE VICTORIA BRIDGE AT MONTREAL

### ORDERS IN COUNCIL.

AT THE GOVERNMENT HOUSE AT OTTAWA.

TUESDAY, the 9th day of February, 1897.

PRESENT:

HIS EXCELLENCY THE GOVERNOR GENERAL IN COUNCIL.

Whereas, by the fourteenth section of the Act intituled "An Act respecting navigation of Canadian Waters," being chapter 79 of the Revised Statutes of Canada, it is enacted, that if Her Majesty, by Order in Council, annuls or modifies any of the regulations for preventing collisions on navigable waters which, by order of Her Majesty in Council of the fourteenth day of August, 1879, were substituted for those theretofore in force for like purposes in the United Kingdom, or makes new regulations in addition thereto, or in substitution therefor, the Governor in Council may from time to time make corresponding changes, as respects Canadian waters, in the regulations contained in the second section of the Act hereinbefore quoted:

And whereas, by an order of Her Majesty in Council, dated the 27th day of November, 1896, the existing regulations for preventing collisions at sea were annulled, and new regulations submitted therefor:

His Excellency, under the provisions of the fourteenth section of the said Act, chapter 79 of the Revised Statutes, and by and with the advice of the Queen's Privy Council for Canada, is pleased to order that the following Rules and Regulations, which are in conformity with the regulations approved by the order of Her Majesty in Council of the 27th of November, 1896, be substituted for the existing second section of the said Act, chapter 79 of the Revised Statutes; and that the said new Rules and Regulations shall come into operation on and from the first day of July, 1897:

And His Excellency doth further order that the Minister of Marine and Fisheries do bring the provisions of the sections thus amended to the notice of the owners and masters of Canadian vessels.



# RÈGLEMENTS INTERNATIONAUX POUR PRÉVENIR LES ABORDAGES

EN VIGUEUR DANS TOUTES LES EAUX NAVIGABLES DU CANADA OU SOUS LA JURIDICTION DU PARLEMENT CANADIEN, SAUF LES EAUX DES LACS SUPÉRIEUR ET HURON, LA BAIE GEORGIENNE, LES LACS ÉRIÉ ET ONTARIO, LEURS EAUX TRIBUTAIRES ET LE FLEUVE SAINT-LAURENT, AUSSI LOIN À L'EST QUE LA SORTIE DU CANAL LACHINE ET LE PONT VICTORIA À MONTRÉAL.

## ARRÊTÉS EN CONSEIL

HÔTEL DU GOUVERNEMENT À OTTAWA.

MARDI, le 9e jour de février 1897.

PRÉSENT :

SON EXCELLENCE LE GOUVERNEUR GÉNÉRAL EN CONSEIL.

Considérant que par le quatorzième article de l'acte intitulé "Acte concernant la navigation dans les eaux canadiennes", étant le chapitre 79 des Statuts révisés du Canada, il est statué que si Sa Majesté, suspend ou annule, par un arrêté en conseil, l'opération de certaines dispositions des règles pour prévenir les abordages sur les eaux navigables, qui, par un arrêté de Sa Majesté en conseil portant la date du quatorzième jour d'août 1879, avaient été substituées à celles jusque-là en vigueur au même effet dans le Royaume-Uni, ou établit de nouvelles règles par voie d'addition ou de substitution auxdites règles, le Gouverneur en conseil pourra, au besoin, faire des changements correspondants, relativement aux eaux canadiennes, aux règles contenues dans l'article 2 du présent acte.

Et considérant que par un arrêté de Sa Majesté en conseil, en date du 27e jour de novembre 1896, les règlements actuels pour prévenir les abordages en mer ont été annulés et remplacés par de nouveaux règlements,—

Il plaît à Son Excellence, en vertu des dispositions du quatorzième article dudit acte, chapitre 79 des Statuts révisés, et par et avec l'avis du Conseil privé de la Reine pour le Canada, d'ordonner que les règles et règlements suivants, qui sont en conformité des règlements approuvés par l'arrêté de Sa Majesté en conseil du 27 novembre 1896, soient substitués au présent deuxième article dudit acte, chapitre 79 des Statuts révisés; et que lesdits nouveaux règlements et règles deviennent en vigueur à compter du premier jour de juillet 1897;

Et Son Excellence ordonne de plus que le ministre de la Marine et des Pêcheries fasse connaître aux propriétaires et capitaines de vaisseaux canadiens les dispositions de l'article qui sont ainsi modifiées.

**REGULATIONS FOR PREVENTING COLLISIONS AND FOR DISTRESS SIGNALS.**

The following rules with respect to lights for signals, distress signals, steering and sailing, and rafts shall apply to all rivers, lakes and other navigable waters within Canada, or within the jurisdiction of the Parliament thereof, that is to say:—

**Preliminary.**

In the following rules every steam vessel which is under sail and not under steam is to be considered a sailing vessel, and every vessel under steam, whether under sail or not, is to be considered a steam vessel.

The word "steam vessel" shall include any vessel propelled by machinery.

A vessel is "under way" within the meaning of these rules, when she is not at anchor, or made fast to the shore or aground.

**Rules concerning lights, etc.**

The word "visible" in these rules, when applied to lights, shall mean visible on a dark night with clear atmosphere.

ARTICLE 1. The rules concerning lights shall be complied with in all weathers from sunset to sunrise, and during such time no other lights which may be mistaken for the prescribed lights shall be exhibited.

ARTICLE 2. A steam vessel when under way shall carry.

(a) On or in front of the foremast, or if a vessel without a foremast, then in the forepart of the vessel, at a height above the hull of not less than 20 feet, and if the breadth of the vessel exceeds 20 feet, then at a height above the hull not less than such breadth, so, however, that the light need not be carried at a greater height above the hull than 40 feet, a bright white light, so constructed as to show an unbroken light over an arc of the horizon of 20 points of the compass, so fixed as to throw the light 10 points on each side of the vessel, viz., from right ahead to 2 points abaft the beam on either side, and of such a character as to be visible at a distance of at least 5 miles.

(b) On the starboard side a green light, so constructed as to show an unbroken light over an arc of the horizon of 10 points of the compass, so fixed as to throw the light from right ahead to 2 points abaft the beam on the starboard side, and of such a character as to be visible at a distance of at least 2 miles.

(c) On the port side, a red light so constructed as to show an unbroken light over an arc of the horizon of 10 points of the compass, so fixed as to throw the light from right ahead to 2 points abaft the beam on the port side, and of such a character as to be visible at a distance of at least 2 miles.

(d) The said green and red side-lights shall be fitted with inboard screens projecting at least 3 feet forward from the light, so as to prevent these lights from being seen across the bow.

(e) A steam vessel when under way may carry an additional white light similar in construction to the light mentioned in subdivision (a). These two lights shall be so placed in line with the keel that one shall be at least 15 feet higher than the other, and in such a position with reference to each other that the lower light shall be forward of the upper one. The vertical distance between these lights shall be less than the horizontal distance.

ARTICLE 3. A steam vessel when towing another vessel shall, in addition to her side-lights, carry two bright white lights in a vertical line one over the other, not less

SESSIONAL PAPER No. 22

## RÈGLEMENTS POUR PRÉVENIR LES ABORDAGES ET CONCERNANT LES SIGNAUX DE DÉTRESSE.

Les règlements suivants concernant les feux, les signaux en temps de brume, les signaux de détresse, la route à tenir, et les trains de bois, s'appliqueront à tous les fleuves, rivières, lacs et autres eaux navigables du Canada, ou tombant sous la juridiction de son parlement, savoir:—

### Dispositions préliminaires.

Dans les règles qui suivent, tout navire à vapeur, qui ne marche qu'à l'aide de ses voiles, est considéré comme un navire à voiles; et tout navire à vapeur dont la machine est en action est considéré comme navire à vapeur, qu'il se serve de ses voiles ou ne s'en serve pas.

L'expression "navire à vapeur" comprend tout navire mû par des machines.

Un navire est en "marche" dans le sens des présents règlements lorsqu'il n'est pas à l'ancre ou amarré au rivage ou échoué.

### Règles concernant les feux, etc.

L'expression "visible" employée dans les présents règlements, au sujet des feux, signifie visible par une nuit sombre, mais sans brume.

ARTICLE 1. Les règlements concernant les feux seront suivis par tous les temps entre le coucher et le lever du soleil, et durant ce temps il ne sera exhibé aucun autre feu qui pourrait être pris par erreur pour un feu réglementaire.

ARTICLE 2. Un navire à vapeur, lorsqu'il est en marche, portera les feux suivants:

(a) Sur ou en avant du mât de misaine, ou si c'est un navire sans mât de misaine, alors à l'avant du navire, à une hauteur de pas moins de 20 pieds au-dessus de la coque, et, si le navire a plus de 20 pieds de largeur, alors à une hauteur au-dessus de la coque au moins égale à cette largeur, de façon toutefois qu'il ne soit pas besoin de porter le feu à plus de 40 pieds au-dessus de la coque, un feu blanc placé de manière à fournir un rayonnement uniforme et non interrompu dans tout le parcours d'un arc horizontal de 20 quarts de compas.—établi de façon à projeter la lumière de 10 quarts de chaque côté du navire, c'est-à-dire, depuis l'avant jusqu'à 2 quarts en arrière du travers de chaque bord, et d'une portée telle qu'il puisse être visible à 5 milles au moins de distance;

(b) A tribord, un feu vert, établi de façon à projeter une lumière uniforme et non interrompue sur un arc horizontal de 10 quarts de compas,—placé de manière à projeter la lumière depuis l'avant jusqu'à deux quarts sur l'arrière du travers à tribord, et d'une portée telle qu'il puisse être visible à deux milles au moins de distance;

(c) A bâbord, un feu rouge établi de façon à projeter une lumière uniforme et non interrompue sur un arc horizontal de 10 quarts de compas,—placé de manière à projeter la lumière depuis l'avant jusqu'à 2 quarts sur l'arrière du travers à bâbord, et d'une portée telle qu'il puisse être visible à 2 milles au moins de distance;

(d) Ces feux de côté vert et rouge doivent être munis, en dedans du bord, d'écrans dirigés de l'arrière à l'avant et s'étendant à 3 pieds au moins en avant de la lumière, afin que le feu vert ne puisse pas être aperçu de bâbord avant, et le feu rouge de tribord avant;

(e) Un navire à vapeur lorsqu'il est en marche peut porter un feu blanc supplémentaire semblable dans la forme au feu mentionné dans la subdivision (a). Ces deux feux seront placés en ligne avec la quille de telle façon qu'un feu sera au moins 15 pieds plus haut que l'autre, et dans une position telle relativement l'un à l'autre que le feu d'en bas soit en avant de celui d'en haut. La distance verticale entre ces deux feux sera moindre que la distance horizontale.

ARTICLE 3. Un navire à vapeur, lorsqu'il remorque un autre navire, doit, indépendamment de ses feux de côté, porter deux feux blancs placés verticalement l'un au-

than 6 feet apart, and when towing more than one vessel shall carry an additional bright white light 6 feet above or below such lights, if the length of the tow, measuring from the stern of the towing vessel to the stern of the last vessel towed, exceeds 600 feet. Each of these lights shall be of the same construction and character, and shall be carried in the same position as the white light mentioned in article 2 (a), except the additional light, which may be carried at a height of not less than 14 feet above the hull.

Such steam vessel may carry a small white light abaft the funnel or aftermast for the vessel towed to steer by, but such light shall not be visible forward of the beam.

ARTICLE 4. (a). A vessel which from any accident is not under command shall carry at the same height as the white light mentioned in article 2 (a), where they can best be seen, and, if a steam vessel, in lieu of that light, two red lights, in a vertical line one over the other, not less than 6 feet apart, and of such a character as to be visible all round the horizon at a distance of at least 2 miles; and shall by day carry in a vertical line one over the other, not less than 6 feet apart, where they can best be seen, two black balls or shapes each 2 feet in diameter.

(b) A vessel employed in laying or in picking up a telegraph cable shall carry in the same position as the white light mentioned in article 2 (a), and if a steam vessel in lieu of that light, three lights in a vertical line one over the other, not less than 6 feet apart. The highest and lowest of these lights shall be red, and the middle light shall be white, and they shall be of such a character as to be visible all round the horizon, at a distance of at least 2 miles. By day she shall carry in a vertical line one over the other, not less than 6 feet apart, where they can best be seen, three shapes not less than 2 feet in diameter, of which the highest and lowest shall be globular in shape and red in colour, and the middle one diamond in shape and white.

(c) The vessel referred to in this article when not making way through the water, shall not carry side-lights, but when making way shall carry them.

(d) The lights and shapes required to be shown by this article are to be taken by other vessels as signals that the vessel showing them is not under command, and cannot therefore get out of the way.

These signals are not signals of vessels in distress and requiring assistance. Such signals are contained in article 31.

ARTICLE 5. A sailing vessel under way, and any vessel being towed, shall carry the same lights as are prescribed by article 2 for a steam vessel under way, with the exception of the white lights mentioned therein, which they shall never carry.

ARTICLE 6. Whenever, as in the case of small vessels under way during bad weather, the green and red side-lights cannot be fixed, these lights shall be kept at hand lighted and ready for use; and shall, on the approach of or to other vessels, be exhibited on their respective sides in sufficient time to prevent collision in such manner as to make them most visible, and so that the green light shall not be seen on the port side nor the red light on the starboard side, nor, if practicable, more than 2 points abaft the beam on their respective sides.

To make the use of these portable lights more certain and easy, the lanterns containing them shall each be painted outside with the colour of the light they respectively contain, and shall be provided with proper screens.

ARTICLE 7. Steam vessels of less than 40, and vessels under oars or sails of less than 20, tons gross tonnage, respectively, and rowing boats, when under way, shall not be obliged to carry the lights mentioned in article 2 (a), (b) and (c), but if they do not carry them, they shall be provided with the following lights:—

1. Steam vessels of less than 40 tons shall carry:—

## SESSIONAL PAPER No. 22

dessus de l'autre, à pas moins de 6 pieds de distance, et lorsqu'il remorque plus d'un navire il portera un feu brillant supplémentaire placé à 6 pieds au-dessus ou au-dessous desdits feux, si la longueur de la remorque mesurée depuis l'arrière du remorqueur jusqu'à l'arrière du dernier navire remorqué excède 600 pieds. Chacun de ces feux doit être de la même construction et de la même portée et placé dans la même position que le feu blanc mentionné à l'article 2 (a), sauf le feu supplémentaire qui peut être porté à une hauteur d'au moins 14 pieds au-dessus de la coque.

Ce navire à vapeur peut porter un petit feu blanc en arrière de la cheminée ou de l'arrière-mât pour servir de guide au navire remorqué, mais ce feu ne doit pas être visible en avant du bau.

ARTICLE 4 (a). Un navire qui, à raison de quelque accident, n'obéit pas à la manœuvre, portera à la même hauteur que le feu blanc mentionné à l'article 2 (a), à l'endroit le plus visible, et, si c'est un navire à vapeur, au lieu de ce feu, deux feux rouges placés verticalement l'un au-dessus de l'autre à pas moins de 6 pieds de distance, et d'une nature à pouvoir être visibles tout autour de l'horizon à une distance d'au moins 2 milles; et durant le jour il portera placées verticalement l'une au-dessus de l'autre à 6 pieds au moins de distance, là où elles seront le plus visibles, deux boules ou formes noires de 2 pieds de diamètre chacune.

(b) Un navire employé à poser ou relever un câble télégraphique, portera, dans la même position que le feu blanc mentionné à l'article 2 (a), et si c'est un navire à vapeur, à la place de ce feu, trois feux placés verticalement l'un au-dessus de l'autre. Le plus haut et le plus bas de ces feux seront rouges, et celui du milieu sera blanc, et ils seront d'une nature telle à pouvoir être visibles tout autour de l'horizon, à une distance d'au moins deux milles. Le jour il portera sur une ligne verticale et l'une au-dessus de l'autre là où elles seront le plus visibles, trois formes d'au moins 2 pieds de diamètre, dont la plus haute et la plus basse seront rondes et de couleur rouge, et celle du milieu en forme de losange et blanche.

(c) Le navire ci-dessus, lorsqu'il est stationnaire, ne portera pas de feux de côté, mais lorsqu'il sera en marche il devra les porter.

(d) Ces feux et boules mentionnés au présent article seront regardés par les autres navires comme étant un signal que le navire qui les porte n'obéit plus à la manœuvre, et ne peut, par conséquent, s'écarter de leur route.

Ces signaux ne sont pas des signaux de navires en détresse et ayant besoin de secours. De tels signaux sont contenus à l'article 31.

ARTICLE 5. Un navire à voiles en marche, et tout navire à la remorque, doit porter les mêmes feux que ceux prescrits par l'article 2 pour les navires à vapeur en marche, à l'exception des feux blancs, dont il ne doit jamais faire usage.

ARTICLE 6. Lorsqu'un bâtiment à voiles est d'assez faibles dimensions pour que ses feux vert et rouge ne puissent pas être fixés d'une manière permanente, par un mauvais temps, ces feux doivent néanmoins être tenus allumés sur le pont à leurs bords respectifs, et prêts à servir; et ils seront montrés à tout navire dont il s'approchera ou qui s'en approchera, chacun de leur côté, assez à temps pour prévenir l'abordage, de manière qu'ils soient autant en vue que possible, et présentés de telle sorte que le feu vert ne puisse être aperçu du côté de bâbord, ni le feu rouge du côté de tribord, ni, si la chose est praticable, à plus de deux quarts en arrière du travers de leurs bords respectifs.

Pour rendre ces prescriptions d'une application plus certaine et plus facile, les fanaux seront peints extérieurement de la couleur du feu qu'ils contiennent, et doivent être pourvus d'écrans convenables.

ARTICLE 7. Les navires à vapeur de moins de 40 tonneaux, et les vaisseaux à rames ou à voiles de moins de 20 tonneaux de tonnage brut, respectivement, et les chaloupes à rames, en marche, ne seront pas obligés de porter les feux mentionnés à l'article (a), (b) et (c), mais s'ils ne les portent pas, ils seront munis des feux suivants:—

1. Les navires à vapeur jaugeant moins de 40 tonneaux porteront—

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(a) In the forepart of the vessel, or on or in front of the funnel, where it can best be seen, and at a height above the gunwale of not less than 9 feet, a bright white light constructed and fixed as prescribed in article 2 (a), and of such a character as to be visible at a distance of at least 2 miles.

(b) Green and red side-lights constructed and fixed as prescribed in article 2 (b) and (c), and of such a character as to be visible at a distance of at least one mile, or a combined lantern showing a green light and a red light from right head to 2 points abaft the beam on their respective sides. Such lantern shall be carried not less than 3 feet below the white light.

2. Small steamboats, such as are carried by sea-going vessels, may carry the white light at a less height than 9 feet above the gunwale, but it shall be carried above the combined lantern, mentioned in subdivision 1 (b).

3. Vessels under oars or sails, of less than 20 tons, shall have ready at hand a lantern with a green glass on one side and a red glass on the other, which, on the approach of or to the other vessels, shall be exhibited in sufficient time to prevent collision, so that the green light shall not be seen on the port side nor the red light on the starboard side.

4. Rowing boats, whether under oars or sail, shall have ready at hand a lantern showing a white light, which shall be temporarily exhibited in sufficient time to prevent collision.

The vessels referred to in this article shall not be obliged to carry the lights prescribed by article 4 (a) and article 11, last paragraph.

ARTICLE 8. Pilot vessels, when engaged on their station on pilotage duty, shall not show the lights required for other vessels, but shall carry a white light at the masthead, visible all round the horizon, and shall also exhibit a flare-up light or flare-up lights at short intervals, which shall never exceed 15 minutes. On the near approach of or to other vessels they shall have their side-lights lighted, ready for use, and shall flash or show them at short intervals, to indicate the direction in which they are heading, but the green light shall not be shown on the port side, nor the red light on the starboard side.

A pilot vessel of such a class as to be obliged to go alongside of a vessel to put a pilot on board, may show a white light instead of carrying it at the masthead, and may, instead of the coloured lights above mentioned, have at hand ready for use a lantern with a green glass on the one side and a red glass on the other, to be used as prescribed above.

Pilot vessels, when engaged on their station on pilotage duty, shall carry lights similar to those of other vessels of their tonnage.

#### ARTICLE 9.<sup>1</sup>

ARTICLE 10. A vessel which is being overtaken by another shall show from her stern to such last-mentioned vessel a white light or a flare-up light.

The white light required to be shown by this article may be fixed and carried in a lantern, but in such case the lantern shall be so constructed, fitted and screened that it shall throw an unbroken light over an arc of the horizon of 12 points of the compass, viz., for 6 points from right aft on each side of the vessel so as to be visible at a distance of at least one mile. Such light shall be carried as nearly as practicable on the same level as the side-lights.

ARTICLE 11. A vessel under 150 feet in length, when at anchor, shall carry forward where it can best be seen, but at a height not exceeding 20 feet above the hull, a white light in a lantern so constructed as to show a clear, uniform, and unbroken light visible all round the horizon at a distance of at least one mile.

<sup>1</sup> Amended by Order in Council of June 28, 1909. (See p. 24)

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(a) A l'avant du navire, ou sur ou en avant de la cheminée, à l'endroit où il sera le plus en vue et à une hauteur au-dessus du plat-bord d'au moins 9 pieds, un feu brillant blanc construit et fixé tel que prescrit à l'article 2 (a), et de nature à être visible d'une distance d'au moins 2 milles.

(b) Des feux de côté vert et rouge tels que prescrits à l'article (b) et (c), et de nature à être visibles à une distance d'au moins 1 mille, ou un fanal combiné exhibant un feu vert et un feu rouge depuis l'avant jusqu'à deux quarts en arrière du travers de leurs bords respectifs. Ce fanal sera porté à au moins 3 pieds plus bas que le feu blanc.

2. Les petites chaloupes à vapeur que portent les navires de long cours pourront porter le feu blanc à une moindre hauteur que 9 pieds au-dessus du plat-bord, mais il sera porté au-dessus du fanal combiné mentionné au paragraphe 1 (b).

3. Les bâtiments à rames ou à voiles, jaugeant moins de 20 tonneaux, tiendront toujours prêt un fanal ayant d'un côté un verre de couleur verte, et de l'autre côté un verre de couleur rouge, et à l'approche d'un autre bâtiment ce fanal sera montré en temps opportun pour prévenir l'abordage, en ayant soin que le feu vert ne puisse être aperçu de bâbord, ni le feu rouge de tribord.

4. Les chaloupes à rames, qu'elles marchent à la rame ou à la voile, tiendront toujours prêt un fanal montrant un feu blanc qui sera temporairement exhibé en temps suffisant pour prévenir l'abordage.

Les vaisseaux mentionnés dans le présent article ne seront pas obligés de porter les feux prescrits par l'article 4 (a) et l'article 11, dernier paragraphe.

ARTICLE 8. Les bateaux-pilotes, lorsqu'ils sont occupés au service du pilotage dans leurs circonscriptions, ne porteront pas les mêmes feux que ceux exigés pour les autres bâtiments, mais ils porteront en tête du mât un feu blanc visible de tous les points de l'horizon, et montreront de plus un feu ou des feux intermittents à de courts intervalles qui ne devront pas être de plus de quinze minutes. A l'approche ou en approchant de tout navire, ils allumeront leurs feux de côtés, prêts à servir, et les exhiberont à de courts intervalles, pour indiquer la direction dans laquelle ils marchent, mais le feu vert ne sera pas montré du côté de bâbord, ni le feu rouge du côté de tribord.

Un bateau-pilote d'une classe qui l'oblige de se rendre le long d'un navire pour mettre un pilote à bord, peut montrer un feu blanc au lieu de le porter en tête du mât et peut, au lieu des feux de couleur mentionnés ci-dessus, tenir toujours prêt à servir, un fanal ayant un verre vert d'un côté et un verre rouge de l'autre, pour être employé tel que prescrit ci-dessus.

Les bateaux-pilotes qui ne seront pas occupés au service de pilotage dans leurs circonscriptions, porteront des feux semblables à ceux des autres navires de leur tonnage.

ARTICLE 9. (1).

ARTICLE 10. Lorsqu'un navire est prêt d'être atteint par un autre, il doit de sa poupe montrer à ce dernier un feu blanc ou un feu intermittent.

Le feu blanc que le présent article exige de montrer peut être fixé et porté dans un fanal, mais dans ce cas, le fanal sera construit, agencé et muni d'écrans de façon à projeter une lumière non interrompue sur un arc horizontal de 12 quarts de compas, savoir: pour 6 quarts depuis l'avant de chaque côté du vaisseau, et d'une portée telle qu'il puisse être visible à une distance d'au moins un mille. Ce feu sera porté autant que possible sur le même niveau que les feux de côté.

ARTICLE 11. Un navire de moins de 150 pieds de longueur, lorsqu'il est à l'ancre, portera à l'avant, à l'endroit le plus en vue, mais à une hauteur n'excédant pas 20 pieds au-dessus de la coque, un feu blanc dans un fanal construit de façon à projeter une lumière claire, uniforme et non interrompue visible de tous les points de l'horizon à une distance d'au moins 1 mille.

(1) Amendé par Arrêté en Conseil du 28 juin 1909 (voir page 25).

A vessel of 150 feet or upwards in length, when at anchor, shall carry in the forward part of the vessel, at a height of not less than 20 and not exceeding 40 feet above the hull, one such light, and at or near the stern of the vessel, and at such a height that it shall be not less than 15 feet lower than the forward light, another such light.

The length of a vessel shall be deemed to be the length appearing in her certificate of registry.

A vessel aground in or near a fairway shall carry the above light or lights, and the two red lights prescribed by article 4 (a).

ARTICLE 12. Every vessel may, if necessary in order to attract attention, in addition to the lights which she is by these rules required to carry, show a flare-up light or use any detonating signal that cannot be mistaken for a distress signal.

ARTICLE 13. Nothing in these rules shall interfere with the operation of any special rules made by the Government of any nation with respect to additional station and signal lights for two or more ships of war or for vessels sailing under convoy, or with the exhibition of recognition signals adopted by ship-owners, which have been authorized by their respective governments and duly registered and published.

ARTICLE 14. A steam vessel proceeding under sail only, but having her funnel up, shall carry in daytime forward, where it can best be seen, one black ball or shape 2 feet in diameter.

#### Sound signals for fog, etc.

ARTICLE 15. All signals prescribed by this article for vessels under way shall be given:

1. By "steam vessels," on the whistle or siren.
2. By "sailing vessels and vessels towed," on the fog horn.

The words "prolonged blast" used in this article shall mean a blast of from 4 to 6 seconds' duration.

A steam vessel shall be provided with an efficient whistle or siren, sounded by steam or some substitute for steam, so placed that the sound may not be intercepted by any obstruction, and with an efficient fog horn, to be sounded by mechanical means, and also with an efficient bell.\* A sailing vessel of 20 tons gross tonnage or upwards shall be provided with a similar fog horn and bell. In fog, mist, falling snow, or heavy rainstorms, whether by day or night, the signals described in this article shall be used as follows, viz. :—

(a) A steam vessel having way upon her, shall sound, at intervals of not more than 2 minutes, a prolonged blast.

(b) A steam vessel under way, but stopped and having no way upon her, shall sound at intervals of not more than 2 minutes, two prolonged blasts, with an interval of about one second between them.

(c) A sailing vessel under way shall sound, at intervals of not more than one minute, when on the starboard tack one blast, when on the port tack two blasts in succession, and when with the wind abaft the beam three blasts in succession.

(d) A vessel when at anchor, shall, at intervals of not more than one minute, ring the bell rapidly for about five seconds.

(e) A vessel, when towing, a vessel employed in laying or in picking up a telegraph cable, and a vessel under way, which is unable to get out of the way of an approaching vessel through being not under command, or unable to manœuvre as required by these

\* In all cases where the Rules require a bell to be used a drum may be substituted on board Turkish vessels, or a gong where such articles are used on board small sea-going vessels.



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Un navire de 150 pieds ou plus de longueur, lorsqu'il est à l'ancre, portera à l'avant, à une hauteur d'au moins 20 et ne dépassant pas 40 pieds au-dessus de la coque, un semblable feu, et à la poupe ou près de la poupe, et à une hauteur qui ne sera pas moins que 15 pieds plus bas que le feu d'avant, un autre feu semblable.

La longueur du navire sera censée être celle indiquée sur son certificat d'enregistrement.

Un navire échoué dans ou près d'une passe, portera le feu ou les feux ci-dessus et les deux feux rouges prescrits par l'article 4 (a).

ARTICLE 12. Chaque navire peut, si c'est nécessaire, pour attirer l'attention, en sus des feux que les présents règlements l'obligent de porter, montrer un feu intermittent, ou employer tout signal résonnant qui ne peut être pris erronément pour un signal de détresse.

ARTICLE 13. Rien de contenu dans les présents règlements n'interviendra dans l'opération de toutes règles spéciales établies par le gouvernement d'une nation quelconque au sujet de feux supplémentaires de station et de signal pour deux navires de guerre ou plus, ou pour des vaisseaux à voiles naviguant de conserve, ou dans les signaux particuliers adoptés par les propriétaires de navires et qui sont autorisés par leurs gouvernements respectifs et dûment enregistrés et publiés.

ARTICLE 14. Un navire à vapeur marchant à la voile seulement, mais ayant sa cheminée debout, portera à l'avant, pendant le jour, à l'endroit le plus en vue, une boule ou forme noire de 2 pieds de diamètre.

### Signaux phoniques pour temps de brume, etc.

ARTICLE 15. Tous les signaux prescrits par le présent article pour les navires en marche, seront donnés—

1. Par les "navires à vapeur" par le sifflet ou la sirène;

2. Par les "navires à voiles et les navires remorqués" par le cornet de brume.

Les mots "coup prolongé" employés dans le présent article signifient un coup de 4 à 6 secondes.

Un navire à vapeur doit être pourvu d'un sifflet à vapeur ou de quelque autre moyen efficace de faire entendre un signal produit par la vapeur ou quelque substitut à la vapeur, lequel sera placé de manière à ce que le son ne puisse être intercepté par aucune obstruction et d'un cor de brume actionné par un appareil mécanique, et aussi d'une forte cloche;\* un navire à voiles d'un tonnage brut de 20 tonneaux ou plus doit être pourvu d'un fort cornet actionné par un soufflet ou autre appareil mécanique, et aussi d'une forte cloche; en temps de brume, de brouillard ou de neige, soit de jour soit de nuit, les navires feront usage des signaux décrits dans le présent article, comme suit, savoir:—

(a) Un navire à vapeur en marche donnera, à des intervalles de pas plus de 2 minutes, un coup prolongé;

(b) Un navire à vapeur en marche, mais arrêté et sans mouvement, sonnera à des intervalles de deux minutes au plus, 2 coups prolongés, avec un intervalle d'environ une seconde entre chacun;

(c) Un navire à voiles en marche donnera, au moyen de son cornet, à des intervalles de pas plus d'une minute, s'il est amuré sur tribord, un coup, s'il est amuré sur bâbord deux coups de suite, et s'il est vent arrière, trois coups de suite;

(d) Un navire à l'ancre, à des intervalles de pas plus d'une minute, sonnera rapidement la cloche pendant à peu près cinq secondes.

(e) Un navire qui en remorque un autre employé à poser ou relever un câble télégraphique, et un navire en marche, qui est incapable de s'écarter du chemin d'un navire qui approche parce qu'il n'obéit pas à la manœuvre, ou qu'il est incapable de manœuvrer tel que requis par les présents règlements, sonnera, au lieu des signaux

\* Chaque fois que ces règlements exigent l'emploi d'une cloche, celle-ci pourra être remplacée par un tambour sur les navires turcs, ou par un gong à bord des petits navires de mer qui se servent de ces instruments.

rules shall, instead of the signals prescribed in subdivisions (a) and (c) of this article, at intervals of not more than 2 minutes, sound three blasts in succession, viz.: one prolonged blast, followed by two short blasts. A vessel towed may give this signal and she shall not give any other.

Sailing vessels and boats of less than 20 tons gross tonnage shall not be obliged to give the above mentioned signals, but if they do not, they shall make some other efficient sound-signal at intervals of not more than one minute.

#### Speed of ships to be moderate in fog, etc.

ARTICLE 16. Every vessel shall, in a fog, mist, falling snow, or heavy rainstorms, go at moderate speed, having careful regard to the existing circumstances and conditions.

A steam vessel hearing, apparently forward of her beam, the fog-signal of a vessel the position of which is not ascertained, shall, so far as the circumstances of the case admit, stop her engines, and then navigate with caution until danger of collision is over.

### STEERING AND SAILING RULES.

#### Preliminary—Risk of collision.

Risk of collision can, when circumstances permit, be ascertained by carefully watching the compass bearing of an approaching vessel. If the bearing does not appreciably change, such risk shall be deemed to exist.

ARTICLE 17. When two sailing vessels are approaching one another so as to involve risk of collision, one of them shall keep out of the way of the other, as follows, viz.:—

(a) A vessel which is running free shall keep out of the way of a vessel which is close hauled.

(b) A vessel which is close hauled on the port tack shall keep out of the way of a vessel which is close hauled on the starboard tack.

(c) When both are running free, with the wind on different sides, the vessel which has the wind on the port side shall keep out of the way of the other.

(d) When both are running free, with the wind on the same side, the vessel which is to the windward shall keep out of the way of the vessel which is to leeward.

(e) A vessel which has the wind aft shall keep out of the way of the other vessel.

ARTICLE 18. When two steam vessels are meeting end on, or nearly end on, so as to involve risks of collision, each shall alter her course to starboard so that each may pass on the port side of the other.

This article only applies to cases where vessels are meeting end on, or nearly end on, in such a manner as to involve risk of collision, and does not apply to two vessels which must, if both keep on their respective courses, pass clear of each other.

The only cases to which it does apply are when each of the two vessels is end on, or nearly end on, to the other; in other words, to cases in which, by day, each vessel sees the masts of the other in a line, or nearly in a line, with her own; and, by night, to cases in which each vessel is in such a position as to see both the side-lights of the other.

It does not apply, by day, to cases in which a vessel sees another ahead crossing her own course; or by night, to cases where the red light of one vessel is opposed to the red light of the other, or where the green light of one vessel is opposed to the green

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NOTE.—When, in consequence of thick weather or other causes, such vessel finds herself so close that collision cannot be avoided by the action of the giving-way vessel alone, she also shall take such action as will best aid to avert collision.

(See articles 27 and 29.)

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prescrits dans les subdivisions (a) et (c) du présent article, à des intervalles de pas plus de 2 minutes, sonnera trois coups successifs, savoir: un coup prolongé suivi de deux coups brefs. Un navire remorqué peut donner ce signal et n'en donnera pas d'autre.

Les navires à voiles et les bateaux jaugeant moins que 20 tonneaux de tonnage brut, ne seront pas obligés de donner les signaux ci-dessus mentionnés, mais s'ils ne le font pas, ils donneront quelque autre signal sonore à des intervalles de pas plus d'une minute.

**En temps de brume la vitesse des navires sera modérée, etc.**

ARTICLE 16. Tout navire doit, en temps de brume, de brouillard, de neige, ou de pluie, aller à une vitesse modérée, tenant compte des circonstances et conditions du moment.

Un navire à vapeur qui entend, apparemment en avant de son travers, le signal de brume d'un vaisseau dont la position est incertaine, doit, selon les circonstances, arrêter ses machines, et ensuite naviguer avec prudence jusqu'à ce que tout danger d'abordage soit passé.

**RÈGLES DE NAVIGATION POUR PRÉVENIR LES ABORDAGES.**

**Notions préliminaires—Risques d'abordage.**

On peut s'assurer des risques d'abordage, lorsque les circonstances le permettent, en guettant soigneusement l'orientation d'un navire qui approche. Si l'orientation ne change pas sensiblement, ce risque est censé exister.

ARTICLE 17. Lorsque deux navires à voiles s'approchent l'un de l'autre de manière qu'il y ait risque d'abordage, l'un d'eux doit s'écarter du chemin de l'autre comme il suit, savoir:—

(a) Celui qui a du large doit s'écarter de la route du navire naviguant au plus près.

(b) Celui qui est au plus près et a les amures à bâbord, doit s'écarter de la route du navire au plus près dont les amures sont à tribord.

(c) Si tous deux courent large et ont le vent de côtés différents celui qui a le vent à bâbord doit s'écarter de la route de l'autre;

(d) Si tous deux courent large et ont le vent du même bord, celui qui est au vent doit se tenir hors de la route de celui qui est sous le vent;

(e) Celui qui est vent arrière doit s'écarter de la route de l'autre navire.

ARTICLE 18. Si deux navires sous vapeur se rencontrent courant l'un vers l'autre, directement ou à peu près, et qu'il y ait risque d'abordage, tous deux doivent venir sur tribord pour passer à bâbord l'un de l'autre.

Cet article ne s'applique que dans les cas où les navires courent l'un vers l'autre, directement ou à peu près, et où il y a risque d'abordage, mais ne s'applique pas à deux navires qui doivent, en conservant chacun leur allure, s'éviter l'un l'autre;

Les seuls cas auxquels il s'applique sont lorsque chacun des deux navires court vers l'autre, directement ou à peu près, ou, en d'autres termes, lorsque, de jour, chaque navire voit les mâts de l'autre en ligne droite, ou à peu près, avec les siens propres; et, de nuit, lorsque chaque navire est dans une position telle qu'il peut voir les deux feux de côté de l'autre;

Il ne s'applique pas lorsque, de jour, un navire en voit un autre croiser sa route en avant, ou, de nuit, lorsque le feu rouge d'un navire est opposé au feu rouge de

NOTE.—Si, en raison de gros temps ou autres causes, ce navire se trouve tellement rapproché que l'abordage ne peut être évité par la seule action du navire qui cède la route, alors il agira de la meilleure manière possible pour éviter l'abordage.

(Voir articles 27 et 29.)

light of the other, or where a red light without a green light, or a green light without a red light is seen ahead, or where both green and red lights are seen anywhere but ahead.

ARTICLE 19. When two steam vessels are crossing so as to involve risk of collision, the vessel which has the other on her own starboard side shall keep out of the way of the other.

ARTICLE 20. When a steam vessel and a sailing vessel are proceeding in such directions as to involve risk of collision, the steam vessel shall keep out of the way of the sailing vessel.

ARTICLE 21. Where by any of these rules one or two vessels is to keep out of the way, the other shall keep her course and speed.

ARTICLE 22. Every vessel which is directed by these rules to keep out of the way of another vessel shall, if the circumstances of the case admit, avoid crossing ahead of the other.

ARTICLE 23. Every steam vessel which is directed by these rules to keep out of the way of another vessel shall, on approaching her, if necessary, slacken her speed or stop or reverse.

ARTICLE 24. Notwithstanding anything, contained in these rules, every vessel, overtaking any other, shall keep out of the way of the overtaken vessel.

Every vessel coming up with another vessel from any direction more than 2 points abaft her beam, i.e., in such a position, in reference to the vessel which she is overtaking, that at night she would be unable to see either of that vessel's side-lights, shall be deemed to be an overtaking vessel; and no subsequent alteration of the bearing between the two vessels shall make the overtaking vessel a crossing within the meaning of these rules, or relieve her of the duty of keeping clear of the overtaken vessel until she is finally past and clear.

As by day the overtaking vessel cannot always know with certainty whether she is forward of or abaft this direction from the other vessel, she should, if in doubt, assume that she is an overtaking vessel and keep out of the way.

ARTICLE 25. In narrow channels every steam vessel shall, when it is safe and practicable, keep to that side of the fairway or mid-channel which lies on the starboard side of such vessel.

ARTICLE 26. Sailing vessels under way shall keep out of the way of sailing vessels or boats fishing with nets, or lines, or trawls. This rule shall not give to any vessel or boat engaged in fishing the right of obstructing a fairway used by vessels other than fishing vessels or boats.

ARTICLE 27. In obeying and construing these rules, due regard shall be had to all dangers of navigation and collision, and to any special circumstances which may render a departure from the above rules necessary in order to avoid immediate danger.

#### Sound signals for vessels in sight of one another.

ARTICLE 28. The words "short blast" used in this article shall mean a blast of about one second's duration.

When vessels are in sight of one another, a steam vessel under way, in taking any course authorized or required by these rules, shall indicate that course by the following signals on her whistle or siren, viz.:—

One short blast to mean: "I am directing my course to starboard."

Two short blasts to mean: "I am directing my course to port."

Three short blasts to mean: "My engines are going full speed astern."

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l'autre, ou lorsque le feu vert de l'un est opposé au feu vert de l'autre, ou lorsque l'un d'eux voit en avant un feu rouge sans voir le feu vert, ou un feu vert sans voir le feu rouge, ni lorsque les deux feux verts et rouges sont visibles partout ailleurs qu'en avant.

ARTICLE 19. Si deux navires sous vapeur font des routes qui se croisent et les exposent à s'aborder, celui qui voit l'autre par tribord doit manœuvrer de manière à ne pas gêner la route de ce dernier.

ARTICLE 20. Si deux navires, l'un à voiles, l'autre sous vapeur, font des routes qui les exposent à s'aborder, le navire sous vapeur doit manœuvrer de manière à ne pas gêner la route du navire à voiles.

ARTICLE 21. Lorsque, d'après les règles qui précèdent, l'un des deux navires doit s'écarter de la route de l'autre, celui-ci poursuivra sa route sans ralentir sa vitesse.

ARTICLE 22. Tout navire qui, d'après les présents, doit céder la route à un autre navire, doit, si les circonstances le permettent, éviter de croiser la route de l'autre.

ARTICLE 23. Tout navire à vapeur qui, d'après les présents règlements, doit céder la route à un autre navire, doit en l'approchant, si c'est nécessaire, ralentir sa vitesse, ou stopper ou faire machine en arrière.

ARTICLE 24. Nonobstant tout ce qui est contenu aux présents règlements, chaque navire qui en atteint un autre, doit s'écarter du navire atteint.

Chaque navire atteignant un autre navire d'une direction quelconque plus que deux quarts en arrière de son travers, *i.e.*, dans une position telle, relativement au navire atteint, que pendant la nuit le premier navire serait incapable de voir aucun des feux de côté du dernier navire, sera censé être un navire atteignant, et nul changement subséquent dans l'orientation entre les deux navires ne rendra un navire atteignant un navire croisant dans le sens des présents règlements, ni ne l'exemptera du devoir de s'écarter de la route du navire atteint, tant que le premier ne sera pas passé et libre.

Vu que pendant le jour le navire atteignant ne peut pas toujours savoir avec certitude s'il est en avant ou en arrière de cette direction d'après l'autre navire, il doit, dans le doute, présumer qu'il est un navire atteignant, et s'écarter de la route.

ARTICLE 25. Dans les passages ou chenaux étroits, tout navire à vapeur doit, si la chose est sûre et praticable, se tenir du côté du passage ou du milieu du chenal qui se trouve à tribord de ce navire.

ARTICLE 26. Les bâtiments à voiles en marche s'écarteront de la route des vaisseaux ou bateaux à voiles pêchant avec des rets, ou des lignes, ou des lignes dormantes. Cette présente règle ne donnera pas à tout vaisseau ou bateau engagé à pêcher, le droit d'obstruer un passage fréquenté par d'autres vaisseaux que des vaisseaux ou bateaux de pêche.

ARTICLE 27. En se conformant aux règles qui précèdent et les interprétant, il faut tenir compte de tous les dangers de la navigation, et avoir égard à toutes les circonstances particulières qui peuvent rendre nécessaire une dérogation à ces règles, afin de parer à un péril immédiat.

### Signaux par sons pour les navires en vue l'un de l'autre.

ARTICLE 28. Les mots "coup bref" employés dans le présent article, signifient un coup d'environ une seconde.

Lorsque des navires sont en vue les uns des autres, un navire à vapeur en marche, en prenant toute direction autorisée ou requise par les présents règlements, indiquera cette direction au moyen des signaux suivants, sur sifflet ou sirène, savoir:—

Un coup bref signifie: "Je me dirige à tribord."

Deux coups brefs signifient: "Je me dirige à bâbord."

Trois coups brefs signifient: "Je recule à toute vitesse."

**No vessel under any circumstances to neglect proper precautions.**

ARTICLE 29. Nothing in these rules shall exonerate any vessel, or the owner, or master, or crew thereof, from the consequences of any neglect to carry lights or signals, or of any neglect to keep a proper look-out, or of the neglect of any precaution which may be required by the ordinary practice of seamen, or by the special circumstances of the case.

**Reservation of rules for harbours and inland navigation.**

ARTICLE 30. Nothing in these rules shall interfere with the operation of a special rule, duly made by local authority, relative to the navigation of any harbour, river, or inland waters.

**Distress signals.**

ARTICLE 31. When a vessel is in distress and requires assistance from other vessels or from the shore, the following shall be the signal to be used or displayed by her, either together or separately, viz. :—

In daytime—

1. A gun or other explosive signal fired at intervals of about a minute;
2. The International Code signal of distress indicated by N.C.;
3. The distant signal, consisting of a square flag, having either above or below it a ball or anything resembling a ball;
4. A continuous sounding with any fog-signal apparatus.

At night—

1. A gun or other explosive signal fired at intervals of about a minute;
2. Flames on the vessel (as from a burning tar-barrel, oil-barrel, etc.);
3. Rockets or shells, throwing stars of any colour or description, fired one at a time, at short intervals;
4. A continuous sounding with any fog-signal apparatus.

**Rafts and Harbour of Sorel.**

ARTICLE 32. Rafts, while drifting or at anchor on any of the waters of Canada, shall have a bright fire kept burning on them from sunset to sunrise. Whenever any raft is going in the same direction as another which is ahead, the one shall be so navigated as not to come within 20 yards of the other, and every vessel meeting or overtaking a raft shall keep out of the way thereof.

Rafts shall be so navigated and anchored as not to cause any unnecessary impediment or obstruction to vessels navigating the same waters.

ARTICLE 33. Unless it is otherwise directed by the Harbour Commissioners of Montreal, ships and vessels entering or leaving the harbour of Sorel shall take the port side, anything in the preceding articles to the contrary notwithstanding.

ARTICLE 34. The rules of navigation contained in articles 32 and 33 shall be subject to the provisions contained in articles 27 and 29.

JOHN J. MCGEE,

*Clerk of the Privy Council.*

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**Nul navire ne doit, sous aucun prétexte, négliger les précautions nécessaires.**

ARTICLE 29. Rien dans ces règles ne saurait affranchir un navire, quel qu'il soit, son propriétaire, son capitaine ou son équipage, des conséquences d'une omission de porter des feux ou signaux, d'un défaut de surveillance convenable, ou enfin d'une négligence quelconque des précautions commandées par la pratique ordinaire de la navigation ou par les circonstances particulières de la situation.

**Réserve à l'égard règles pour les ports et la navigation intérieure.**

ARTICLE 30. Rien dans ces règles n'entravera l'opération d'une règle spéciale, régulièrement établie par une autorité locale, au sujet de la navigation d'un port, d'un fleuve, d'une rivière, ou d'eaux intérieures.

**Signaux de détresse.**

ARTICLE 31. Lorsqu'un navire est en détresse et a besoin du secours d'autres navires, ou de la terre, les signaux suivants seront employés et déployés par ce navire, soit ensemble soit séparément, savoir:—

Pendant le jour:—

1. Un canon ou autre signal explosif, tiré à des intervalles d'environ une minute;
2. Le signal de détresse indiqué par N.C. dans le Code international de signaux;
3. Le signal éloigné, composé d'un pavillon carré ayant, soit en haut ou en bas, une boule ou quelque chose ressemblant à une boule;
4. Un son continu produit par un appareil de signal de brume.

Pendant la nuit:—

1. Un canon ou autre signal explosif tiré à des intervalles d'environ une minute;
2. Des flammes sur le navire (telles que produites par des barils de goudron, ou d'huile, etc.);
3. Des fusées ou obus, jetant des étoiles de toute couleur ou description, tirés un à la fois, à de courts intervalles;
4. Un son continu par un appareil de signal de brume.

**Trains de bois—Port de Sorel.**

ARTICLE 32. Les trains de bois en dérive ou à l'ancre dans les eaux du Canada doivent tenir allumé un feu brillant depuis le coucher jusqu'au lever du soleil; tout train de bois qui suit la même route qu'un autre qui le précède doit naviguer de manière à se tenir à vingt verges de distance de l'autre, et tout bâtiment qui rencontre ou passe un train de bois doit manœuvrer de manière à ne pas gêner la route de ce train de bois.

Les trains de bois doivent naviguer et mouiller de manière à ne pas gêner inutilement la route des navires qui fréquentent les mêmes eaux.

ARTICLE 33. A moins qu'il n'en soit autrement ordonné par les Commissaires du Havre de Montréal, les navires et bâtiments entrant dans le port de Sorel ou en sortant, doivent naviguer à bâbord, nonobstant tout article ci-dessus à ce contraire.

ARTICLE 34. Les règles de navigation exprimées dans les articles 32 et 33 sont sujettes aux dispositions contenues dans les articles 27 et 29.

JOHN J. MCGEE,

*Greffier du Conseil privé.*

## AT THE GOVERNMENT HOUSE AT OTTAWA,

MONDAY, the 28th day of June, 1909.

PRESENT:

HIS EXCELLENCY THE ADMINISTRATOR IN COUNCIL.

Whereas by an order of His Majesty in Council, dated the 4th day of April, 1906, His Majesty was pleased to amend article 9, regarding lights and signals of fishing vessels and boats, of the regulations for the prevention of collisions at sea and as to signals of distress;

And whereas, it is desirable that such provisions of the said article 9 as are applicable should be incorporated in the regulations for preventing collisions in Canadian waters;

Therefore His Excellency in Council is pleased, under the provisions of Part XIV of the Canada Shipping Act, chapter 113, Revised Statutes of Canada, 1906, to order and direct that article number 9 of the regulations for preventing collisions, as established by Order in Council of the 9th day of February, 1897, shall be and the same is hereby rescinded, and the annexed article number 9, containing those provisions of the Imperial regulations in that regard as are applicable to Canadian waters, substituted therefor;

And His Excellency in Council is further pleased to order and declare, with a view to removing any doubt as to the waters in which the regulations for preventing collisions and as to signals of distress, annexed to the Order in Council of the 9th February, 1897, and as herein amended are in operation, that the said regulations shall apply to all the navigable waters within Canada or within the jurisdiction of the Parliament thereof, except the waters of Lakes Superior and Huron, Georgian bay, Lakes Erie and Ontario, their connecting and tributary waters, and the St. Lawrence river as far east as the lower exit of the Lachine canal and the Victoria bridge at Montreal.

RODOLPHE BOUDREAU,  
*Clerk of the Privy Council.*

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**REGULATIONS FOR PREVENTING COLLISIONS OF SHIPS.**

ARTICLE 9. Fishing vessels and fishing boats, when under way and when not required by this article to carry or show the lights hereinafter specified shall carry or show the lights prescribed for vessels of their tonnage under way.

(a) Open boats, by which it is to be understood boats not protected from the entry of sea water by means of a continuous deck, when engaged in any fishing at night with outlying tackle extending not more than 150 feet horizontally from the boat into the seaway, shall carry one all-round white light.

Open boats when fishing at night, with outlying tackle extending more than 150 feet horizontally from the boat into the seaway, shall carry one all-round white light, and in addition, on approaching or being approached by other vessels, shall show a second white light at least 3 feet below the first light and at a horizontal distance of at least 5 feet away from it in the direction in which the outlying tackle is attached.

(b) Vessels and boats, except open boats as defined in subdivision (a), when fishing with drift-nets, shall, so long as the nets are wholly or partly in the water, carry two white lights where they can best be seen. Such lights shall be placed so



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## HÔTEL DU GOUVERNEMENT À OTTAWA.

LUNDI, le 28e jour de juin 1909.

PRÉSENT :

SON EXCELLENCE L'ADMINISTRATEUR EN CONSEIL.

Attendu que par un arrêté de Sa Majesté en conseil daté le 4e jour d'avril 1906. il a plu à Sa Majesté de modifier l'article 9 relatif aux feux et signaux que doivent porter les vaisseaux et bateaux de pêche, des règlements établis pour prévenir les abordages en mer et concernant les signaux de détresse;

Et attendu qu'il est opportun que les dites dispositions du dit article 9 qui sont applicables soient incorporées dans les règlements pour prévenir les abordages dans les eaux canadiennes,—

À ces causes, il plaît à Son Excellence en conseil, en vertu des dispositions de la partie XIV de la loi de la marine marchande au Canada, chapitre 113 des Statuts révisés du Canada, 1906, de décréter et ordonner que l'article 9 des règlements pour prévenir les abordages en mer, tels qu'établis par arrêté en conseil du 9 février 1897. soit et il est par le présent rescindé, et il est remplacé par l'article 9 ci-annexé, contenant les dispositions des règlements impériaux à ce sujet qui sont applicables aux eaux canadiennes;

Il plaît en outre à Son Excellence en conseil de décréter et déclarer, dans le but de lever tout doute quant aux eaux dans lesquelles sont en vigueur les règlements pour prévenir les abordages et concernant les signaux de détresse, annexés à l'arrêté en conseil du 9 février 1897, que les dits règlements s'appliquent à toutes les eaux navigables en Canada ou sous la juridiction du parlement canadien, sauf les eaux des lacs Supérieur et Huron, la baie Georgienne, les lacs Erié et Ontario, leurs eaux tributaires, et le fleuve Saint-Laurent aussi loin à l'est que la sortie du canal Lachine et le pont Victoria, à Montréal.

RODOLPHE BOUDREAU,

*Greffier du Conseil privé.***RÈGLEMENTS POUR PRÉVENIR LES ABORDAGES DES NAVIRES.**

ARTICLE 9. Les vaisseaux de pêche et bateaux de pêche, lorsqu'ils sont en marche, et qu'ils ne sont pas obligés par le présent article de porter ou montrer les feux ci-après spécifiés, porteront ou montreront les feux prescrits pour les vaisseaux de leur tonnage en marche.

(a) Les bateaux non pontés, par lesquels on entend les bateaux qui ne sont pas protégés contre l'entrée de l'eau au moyen d'un pont continu, lorsque la nuit ils sont occupés à pêcher avec des engins tendus à pas plus de 150 pieds horizontalement en mer, porteront un feu blanc visible de tous les points de l'horizon.

Les bateaux non pontés, lorsque la nuit ils pêchent avec des engins tendus à plus de 150 pieds horizontalement en mer, porteront un feu blanc visible de tous les points de l'horizon, et de plus, en approchant d'autres vaisseaux, ou que d'autres vaisseaux s'en approchent, montreront un deuxième feu blanc placé au moins 3 pieds plus bas que le premier feu, et à une distance horizontale d'au moins 5 pieds dans la direction dans laquelle est attaché l'engin de pêche tendu.

(b) Les vaisseaux et bateaux, sauf les bateaux non pontés définis à la subdivision (a), pêchant aux filets traïnants, porteront, tant que les filets sont complètement ou partiellement dans l'eau, deux feux blancs, là où ils peuvent être le mieux vus. Ces feux doivent être placés de manière que la distance verticale entre eux ne soit pas de

that the vertical distance between them shall be not less than 6 feet and not more than 15 feet, and so that the horizontal distance between them, measured in a line with the keel, shall be not less than 5 feet and not more than 10 feet. The lower of these two lights shall be in the direction of the nets, and both of them shall be of such a character as to show all round the horizon, and to be visible at a distance of not less than 3 miles.

(c) Vessels and boats, except boats as defined in subdivision (a), when line-fishing, with their lines out and attached to or hauling their lines, and when not at anchor or stationary, within the meaning of subdivision (g), shall carry the same lights as vessels fishing with drift-nets. When shooting lines or fishing with towing lines, they shall carry the lights prescribed for a steam or sailing vessel under way, respectively.

(d) Oyster dredges and other vessels fishing with dredge nets, shall—

1. If steam vessels, carry in the same position as the white light mentioned in article 2 (a), a tri-coloured lantern so constructed and fixed as to show a white light from right ahead to 2 points on each bow, and a green light and a red light over an arc of the horizon from 2 points on each bow to 2 points abaft the beam on the star-board and port sides, respectively; and not less than 6 nor more than 12 feet below the tri-coloured lantern a white light in a lantern, so constructed as to show a clear uniform and unbroken light all round the horizon.

2. If sailing vessels, shall carry a white light in a lantern, so constructed as to show a clear uniform and unbroken light all round the horizon, and shall also, on the approach of or to other vessels, show where it can best be seen a white flare-up light or torch in sufficient time to prevent collision.

All lights mentioned in subdivision (d) 1 and 2 shall be visible at a distance of at least 2 miles.

(e) Fishing vessels and fishing boats may at any time use a flare-up light in addition to the lights which they are by this article required to carry and show, and they may also use working lights.

(f) Every fishing vessel and every fishing boat under 150 feet in length, when at anchor, shall exhibit a white light visible all round the horizon at a distance of at least one mile.

Every fishing vessel of 150 feet in length or upwards, when at anchor, shall exhibit a white light visible all round the horizon at a distance of at least one mile, and shall exhibit a second light as provided for vessels of such length by article 11.

Should any such vessel, whether under 150 feet in length or of 150 feet in length or upwards, be attached to net or other fishing gear, she shall on the approach of other vessels show an additional white light at least 3 feet below the anchor light, and at a horizontal distance of at least 5 feet away from it in the direction of the net or gear.

(g) If a vessel or boat when fishing becomes stationary in consequence of her gear getting fast to a rock or other obstruction, she shall in daytime haul down the day signal required by subdivision (i); at night show the light or lights prescribed for a vessel at anchor; and during fog, mist, falling snow, or heavy rainstorms, make the signal prescribed for a vessel at anchor. (See the last paragraph of article 15.)

(h) In fog, mist, falling snow, or heavy rainstorms, drift-net vessels attached to their nets, and vessels when dredging, or when line-fishing with their lines out, shall, if of 20 tons gross tonnage or upwards, respectively, at intervals of not more than one minute, make a blast; if steam vessels with the whistle or siren, and if sailing vessels, with the fog-horn; each blast to be followed by ringing the bell. Fishing vessels and

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moins de 6 pieds ni de plus de 15 pieds, et de manière que la distance horizontale qui les sépare, mesurée en ligne avec la quille du navire, ne soit pas de moins de 5 pieds ni de plus de 10 pieds. Le plus bas de ces deux feux sera dans la direction des filets, et tous les deux doivent avoir une portée telle et placés dans des fanaux d'une construction telle qu'ils soient visibles de tous les points de l'horizon à une distance d'au moins 3 milles.

(c) Les vaisseaux et bateaux, sauf les bateaux non pontés tels que définis à la subdivision (a), pêchant à la ligne avec leurs lignes tendues et attachés à leurs lignes ou les retirant, et lorsqu'ils ne sont pas ancrés ou stationnaires dans le sens de la subdivision (g), porteront les mêmes feux que les vaisseaux pêchant aux filets traïnants. Lorsqu'ils jettent leurs lignes ou pêchent avec des lignes traïnantes, ils porteront les feux prescrits pour les vaisseaux à vapeur ou à voiles en marche respectivement.

(d) Les dragues aux huîtres et autres vaisseaux pêchant à la drague—

1. S'ils sont à vapeur, porteront dans la même position que le feu blanc mentionné à l'article 2 (a) un fanal tricolore, construit et fixé de manière à montrer un feu blanc depuis l'avant jusqu'aux quarts de chaque côté, et un feu vert et un feu rouge sur un arc horizontal de deux quarts de chaque côté jusqu'à deux quarts sur l'arrière du travers à tribord et bâbord respectivement; et pas moins de 6 ni plus de 12 pieds au-dessous du fanal tricolore un feu blanc dans un fanal construit de manière à projeter une lumière uniforme et non interrompue visible de tous les points de l'horizon.

2. S'ils sont à voiles, ils porteront un feu blanc dans un fanal, construit de manière à projeter une lumière uniforme et non interrompue tout autour de l'horizon, et à l'approche d'autres vaisseaux, ou en les approchant, ils montreront aussi, là où il sera le mieux aperçu, un feu blanc à éclats ou une torche en temps suffisant pour éviter l'abordage.

Tous les feux mentionnés à la subdivision (d) 1 et 2 seront visibles à une distance d'au moins 2 milles.

(e) Les vaisseaux et bateaux de pêche pourront en tout temps employer un feu à éclats en sus des feux que le présent article les oblige de porter et montrer, et ils pourront aussi se servir de feux portatifs.

(f) Chaque vaisseau de pêche et chaque bateau de moins de 150 pieds de longueur, à l'ancre, devra montrer un feu blanc visible de tous les points de l'horizon à une distance d'un mille au moins.

Chaque vaisseau de pêche de 150 pieds de longueur ou plus, à l'ancre, montrera un feu blanc visible de tous les points de l'horizon, à une distance d'au moins un mille, et montrera un deuxième feu tel que prescrit pour les vaisseaux de cette longueur par l'article 11.

Si un tel vaisseau, qu'il ait moins de 150 pieds de longueur, ou ait 150 pieds de longueur ou plus, est attaché à un filet ou autre engin de pêche, il montrera, à l'approche d'autres vaisseaux, un autre feu blanc placé 3 pieds au moins plus bas que le feu de mouillage, et à une distance horizontale d'au moins 5 pieds dans la direction du filet ou engin.

(g) Si un vaisseau qui fait la pêche devient stationnaire par suite de ce que son engin de pêche s'est accroché à une roche ou à quelque autre obstacle, le jour il descendra la marque prescrite par la subdivision (i), la nuit il montrera le feu ou les feux prescrits pour un vaisseau à l'ancre; et dans les temps de brume, de brouillard, de neige ou de grosses pluies il fera le signal prescrit pour un vaisseau à l'ancre. (Voir le dernier paragraphe de l'article 15.)

(h) Dans les temps de brume, de brouillard, de neige ou de grosses pluies, les vaisseaux à filets traïnants attachés à leurs filets, et les vaisseaux pêchant à la traînée, ou à la ligne avec leurs lignes tendues, devront, s'ils sont de 20 tonneaux de tonnage brut ou plus, respectivement, à des intervalles d'une minute au plus, sonner le sifflet ou la sirène, s'ils sont à vapeur, ou faire résonner le cornet s'ils sont à voiles; chaque son

boats of less than 20 tons gross tonnage shall not be obliged to give the above-mentioned signals; but if they do not, they shall make some other efficient sound signal at intervals of not more than one minute.

(i) All vessels or boats fishing with nets or lines, when under way, shall in day-time indicate their occupation to an approaching vessel by displaying a basket or other efficient signal where it can best be seen. If vessels or boats at anchor have their gear out, they shall, on the approach of other vessels, show the same signal on the side on which those vessels can pass.

The vessels required by this article to carry or show the lights hereinbefore specified shall not be obliged to carry the lights prescribed by article 4 (a), and the last paragraph of article 11.

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sera suivi d'un coup de cloche. Les vaisseaux de pêche et les bateaux de moins de 20 tonneaux de tonnage brut ne seront pas obligés de donner les signaux ci-dessus, mais sinon, ils feront d'autres signaux à des intervalles d'au moins une minute.

(i) Tous les bateaux ou bateaux pêchant aux filets ou lignes ou dragues, en marche, le jour indiqueront leur occupation à un vaisseau approchant, en déployant un panier ou autre bon signal où il sera le mieux aperçu. Si des vaisseaux ou bateaux à l'ancre ont leurs engins tendus, ils montreront à l'approche d'autres vaisseaux le même signal du côté où peuvent passer ces vaisseaux.

Les vaisseaux que le présent article oblige de porter ou de montrer les feux ci-dessus décrits, ne seront pas obligés de porter les feux prescrits par l'article 40 (a) et le dernier paragraphe de l'article 11.

## RULES OF THE ROAD FOR THE GREAT LAKES

INCLUDING GEORGIAN BAY, THEIR CONNECTING AND TRIBUTARY WATERS, AND THE ST. LAWRENCE RIVER AS FAR EAST AS THE LOWER EXIT OF THE LACHINE CANAL AND THE VICTORIA BRIDGE AT MONTREAL.

### ORDER IN COUNCIL

AT THE GOVERNMENT HOUSE AT OTTAWA.

FRIDAY, the 4th day of February, 1916.

PRESENT:

HIS ROYAL HIGHNESS THE GOVERNOR GENERAL IN COUNCIL.

Whereas it is considered necessary to revise the rules of the road for the Great Lakes including Georgian Bay, their connecting and tributary waters, etc., adopted by Order in Council of the 20th April, 1905, as owing to the increased use in recent years of motor boats and other small craft on the inland waters, the present rules have become inadequate to meet present conditions.

And whereas the present rules differ from the United States rules of the road for the same waters, and one of the principal objects of the revision is to harmonize the Canadian rules with the United States rules, which object has been accomplished in the revised rules hereto annexed.

And whereas the adoption of the said revised rules is desired by Canadian shipping interests on the Great Lakes.

Therefore His Royal Highness the Governor General in Council, in pursuance of the provisions of section 913 of the Canada Shipping Act, chapter 113 of the Revised Statutes of Canada, 1906, is pleased to order as follows:—

The annexed Revised Rules are hereby adopted as the Rules of the Road for navigating the Great Lakes including Georgian Bay, their connecting and tributary waters and the St. Lawrence river as far east as the lower exit of the Lachine canal and the Victoria bridge at Montreal, the same to take effect on and after the 1st day of March, 1916, and all other rules or regulations adopted by Order in Council governing the navigation of the said waters, and all Orders in Council previously passed adopting such rules or regulations are hereby repealed.

RODOLPHE BOUDREAU,  
*Clerk of the Privy Council.*

## RÈGLEMENTS POUR PRÉVENIR LES ABORDAGES SUR LES GRANDS LACS

SUR LES EAUX DE LA BAIE GEORGIENNE, SUR CELLES LES RELIANT OU EN ÉTANT TRIBUTAIRES, ET SUR LE FLEUVE SAINT-LAURENT, JUSQU'À LA LIMITE ORIENTALE DÉTERMINÉE PAR LA PORTE D'AVAL DE L'ÉCLUSE INFÉRIEURE DU CANAL LACHINE ET LE PONT VICTORIA, À MONTRÉAL.

### ARRÊTÉ EN CONSEIL

HÔTEL DU GOUVERNEMENT À OTTAWA.

VENDREDI. le 4e jour de février 1916.

PRÉSENT :

SON ALTESSE ROYALE LE GOUVERNEUR GÉNÉRAL EN CONSEIL.

Attendu qu'il est jugé nécessaire de reviser les règlements régissant la navigation sur les Grands lacs (y compris la baie Georgienne), ainsi que la navigation sur les eaux qui les relient et les eaux tributaires, etc., adoptés par un arrêté en conseil du 20 avril 1915, car à cause de l'augmentation en ces dernières années du nombre de bateaux à moteur et d'autre batellerie sur les eaux de l'intérieur, les présents règlements sont inadéquats dans les conditions actuelles.

Et attendu que les présents règlements diffèrent de ceux des Etats-Unis sur les mêmes eaux et qu'un des buts principaux de la révision est de rendre les règlements canadiens conformes à ceux des Etats-Unis, ce qui est fait dans les règlements révisés ci-annexés.

Et attendu que les intéressés dans la marine marchande sur les Grands lacs désirent l'adoption des dits règlements révisés.

Par conséquent, il plaît à Son Altesse Royale le Gouverneur en conseil, en vertu des dispositions de l'article 913 de la loi de la marine marchande au Canada, chapitre 113 des Statuts révisés du Canada, 1906, de décréter par ces présentes ce qui suit:—

Sont par ces présentes adoptés les règlements révisés ci-annexés concernant la navigation sur les Grands lacs (y compris la baie Georgienne), ainsi que la navigation sur les eaux qui les relient et les eaux tributaires, et le fleuve Saint-Laurent jusqu'à la limite orientale déterminée par la porte d'aval de l'écluse inférieure du canal Lachine et le pont Victoria, à Montréal. Ces règlements seront en vigueur à dater du premier jour de mars 1916, et tous les autres règlements adoptés par arrêté en conseil concernant la navigation des dites eaux, et tous les arrêtés en conseil antérieurs promulguant de tels règlements sont par ces présentes rescindés.

RODOLPHE BOUDREAU,

*Greffier du Conseil Privé.*

## RULES FOR NAVIGATING THE GREAT LAKES,

Including Georgian Bay, their connecting and tributary waters and the St. Lawrence River as far East as the lower exit of the Lachine Canal and the Victoria Bridge at Montreal.

### Preliminary.

In the following rules every steam vessel which is under sail and not under steam shall be considered a sail vessel; and every steam vessel which is under steam, whether under sail or not, shall be considered a steam vessel.

The words *steam vessel* and *steamer* shall include any vessel propelled by machinery.

A vessel is *under way* within the meaning of these rules, when she is not at anchor, or made fast to the shore or aground.

### LIGHTS.

RULE 1. The lights mentioned in the following rules and no others shall be carried in all weathers from sunset to sunrise. The word visible in these rules when applied to lights shall mean visible on a dark night with a clear atmosphere.

RULE 2. Except in the cases hereinafter expressly provided for, a steam vessel when under way shall carry:—

(a) On or in front of the foremast, or if a vessel without a foremast, then in the forepart of the vessel, at a height above the hull of not less than twenty feet, and if the beam of the vessel exceeds twenty feet, then at a height above the hull not less than such beam, so, however, that such height need not exceed forty feet, a bright white light so constructed as to show an unbroken light over an arc of the horizon of twenty points of the compass, so fixed as to throw the light ten points on each side of vessel, namely, from right ahead to two points abaft the beam on either side, and of such character as to be visible at a distance of at least five miles.

(b) On the starboard side, a green light, so constructed as to throw an unbroken light over an arc of the horizon of ten points of the compass, so fixed as to throw the light from right ahead to two points abaft the beam on the starboard side, and of such a character as to be visible at a distance of at least two miles.

(c) On the port side, a red light, so constructed as to show an unbroken light over an arc of the horizon of ten points of the compass, so fixed as to throw the light from right ahead to two points abaft the beam on the port side, and of such a character as to be visible at a distance of at least two miles.

(d) The said green and red lights shall be fitted with inboard screens projecting at least three feet forward from the light, so as to prevent these lights from being seen across the bow.

(e) A steamer of over one hundred and fifty feet register length shall also carry when under way an additional bright light similar in construction to that mentioned in subdivision (a), so fixed as to throw the light all around the horizon and of such character as to be visible at a distance of at least three miles. Such additional light shall be placed in line with the keel at least fifteen feet higher from the deck and more than seventy-five feet abaft the light mentioned in subdivision (a).

RULE 3. A steam vessel having a tow other than a raft shall in addition to the forward bright light mentioned in subdivision (a) of rule two carry in a vertical line not less than six feet above or below that light a second bright light of the same con-



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**RÈGLEMENTS CONCERNANT LA NAVIGATION SUR LES GRANDS LACS.**

Sur les eaux de la baie Georgienne, sur celles les reliant ou en étant tributaires, et sur le fleuve Saint-Laurent, jusqu'à la limite orientale déterminée par la porte d'aval de l'écluse inférieure du canal Lachine et le pont Victoria, à Montréal.

**Dispositions préliminaires.**

Pour l'application des articles du présent règlement, tout navire à vapeur faisant route uniquement à la voile, doit être considéré comme étant un navire à voiles; et tout navire à vapeur dont la machine est sous pression, doit être considéré comme navire à vapeur, qu'il se serve ou non de ses voiles.

L'expression "navire à vapeur" comprend tout navire mû par des machines.

Un navire "fait route" dans le sens du présent règlement, lorsqu'il n'est pas au mouillage, ou amarré au rivage, ou échoué.

**FEUX**

**ARTICLE 1.** Les feux dont il est fait mention dans les articles suivants du présent règlement, sont les seuls qui doivent être montrés depuis le coucher du soleil jusqu'au moment où il se lève.

L'expression "visible" employée dans le présent règlement au sujet des feux, signifie visible par une nuit noire et ciel clair.

**ARTICLE 2.** Excepté dans les cas expressément déterminés ci-après, tout navire à vapeur faisant route doit porter:—

(a) Au mât de misaine ou en avant de ce mât, ou bien, si le navire n'a pas de mât de misaine, sur la partie avant du navire, à une hauteur au-dessus du plat-bord qui ne soit pas inférieure à vingt pieds, et si la largeur du navire dépasse vingt pieds à une hauteur au-dessus du plat-bord au moins égale à cette largeur sans qu'il soit néanmoins nécessaire que cette hauteur au-dessus du plat-bord dépasse quarante pieds, un feu blanc brillant, disposé de manière à montrer une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de vingt quarts ou rumbs du compas, soit 10 quarts de chaque côté du navire, c'est-à-dire depuis l'avant jusqu'à 2 quarts sur l'arrière du travers de chaque bord. Ce feu doit être visible d'une distance d'au moins cinq milles.

(b) A tribord: un feu vert établi de manière à projeter une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de 10 quarts ou rumbs du compas, c'est-à-dire depuis l'avant jusqu'à deux quarts sur l'arrière du travers à tribord. Ce feu doit être visible d'une distance d'au moins deux milles.

(c) A bâbord: un feu rouge établi de manière à projeter une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de 10 quarts ou rumbs du compas, c'est-à-dire depuis l'avant jusqu'à deux quarts sur l'arrière du travers à bâbord. Ce feu doit être visible d'une distance d'au moins deux milles.

(d) Ces feux de côté, vert et rouge, doivent être mis sur des boîtes ouvertes, ou écrans, placés de chaque côté du navire, dépassant le feu d'au moins trois pieds vers la proue, et construits de manière que le feu vert ne puisse être aperçu de bâbord avant et le feu rouge de tribord avant.

(e) Tout navire à vapeur de plus de cent cinquante pieds de longueur faisant route doit porter un feu additionnel blanc, semblable à celui mentionné au paragraphe (a) disposé de manière à projeter tout autour de l'horizon une lumière claire à une distance d'au moins trois milles. Ce feu additionnel doit être placé dans le plan de la quille à quinze pieds au moins au-dessus du pont et à une distance de plus de soixante et quinze pieds en arrière du feu mentionné au paragraphe (a).

**ARTICLE 3.** Tout navire à vapeur qui remorque autre chose qu'un train de bois flotté, doit porter en outre du feu blanc brillant de l'avant, mentionné au paragraphe (a) de l'article deux, un deuxième feu blanc brillant semblable au feu susdit, men-

struction and character and fixed and carried in the same manner as the forward bright light mentioned in said subdivision (a) of rule two. Such steamer shall also carry a small bright light abaft the funnel or aftermast for the tow to steer by, but such light shall not be visible forward of the beam.

RULE 4. A steam vessel having a raft in tow shall, instead of the forward lights mentioned in rule three, carry on or in front of the foremast, or if a vessel without a foremast then in the forepart of the vessel, at a height above the hull of not less than twenty feet, and if the beam of the vessel exceeds twenty feet, then at a height above the hull not less than such beam, so however, that such height need not exceed forty feet, two bright lights in a horizontal line athwartships and not less than eight feet apart, each so fixed as to throw the light all around the horizon and of such character as to be visible at a distance of at least five miles. Such steamer shall also carry the small bright steering light aft, of the character and fixed as required in rule three.

RULE 5. A sailing vessel under way and any vessel being towed shall carry the side-lights mentioned in rule two.

A vessel in tow shall also carry a small bright light aft, but such light shall not be visible forward of the beam.

RULE 6. Whenever, as in the case of small vessels under way during bad weather, the green and red side-lights cannot be fixed, these lights shall be kept at hand lighted and ready for use, and shall, on the approach of or to other vessels, be exhibited on their respective sides in sufficient time to prevent collision, in such manner as to make them most visible, and so that the green light shall not be seen on the port side, nor the red light on the starboard side, nor, if practicable, more than two points abaft the beam on their respective sides. To make the use of these portable lights more certain and easy, they shall be painted outside with the colour of the light they respectively contain, and shall be provided with suitable screens.

RULE 7. A vessel under one hundred and fifty feet register length, when at anchor, shall carry forward, where it can best be seen, but at a height not exceeding twenty feet above the hull, a white light in a lantern constructed so as to show a clear, uniform, and unbroken light, visible all around the horizon, at a distance of at least one mile.

A vessel of one hundred and fifty feet or upward in register length, when at anchor, shall carry in the forward part of the vessel, at a height of not less than twenty and not exceeding forty feet above the hull, one such light, and at or near the stern of the vessel, and at such a height that it shall not be less than fifteen feet lower than the forward light, another such light.

RULE 8. Open boats shall not be obliged to carry the side-lights required for other vessels, but shall, if they do not carry such lights, carry a lantern having a green slide on one side and a red slide on the other side; and on the approach of or to other vessels, such lantern shall be exhibited in sufficient time to prevent collision, and in such a manner that the green light shall not be on the port side, nor the red light on the starboard side. Open boats, when at anchor or stationary, shall exhibit a bright white light. They shall not, however, be prevented from using a flare-up in addition if considered expedient.

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tionné au paragraphe (a) de l'article deux, et disposé verticalement à une distance de six pieds au moins au-dessus ou au dessous de ce premier feu. Tel navire à vapeur doit aussi porter un petit feu blanc brillant en arrière de la cheminée ou du mât d'artimon, pour permettre au navire remorqué de gouverner, mais ce feu ne doit pas être visible en avant du maître-bau.

ARTICLE 4. Tout navire à vapeur qui remorque un train de bois flotté, doit, au lieu des feux de l'avant mentionnés à l'article 3, porter au mât de misaine ou en avant de ce mât, ou bien si le navire n'a pas de mât de misaine, sur la partie avant du navire, à une hauteur au-dessus du plat-bord qui ne soit pas inférieure à vingt pieds, et si la largeur du navire dépasse vingt pieds à une hauteur au-dessus du plat-bord au moins égale à cette largeur, sans qu'il soit nécessaire que cette hauteur au-dessus du plat-bord dépasse quarante pieds, deux feux blancs brillants horizontaux, disposés en travers du navire, à une distance d'au moins huit pieds l'un de l'autre et de manière à projeter tout autour de l'horizon une lumière claire ininterrompue, à une distance d'au moins cinq milles. Tel navire à vapeur doit aussi porter le petit feu blanc brillant du mât d'artimon, mentionné à la fin de l'article 3.

ARTICLE 5. Tout voilier faisant route doit porter les feux de côté mentionnés à l'article 2; et, tout navire remorqué doit aussi porter ces mêmes feux.

Tout navire remorqué doit en outre porter à l'arrière un petit feu blanc brillant, feu qui ne doit pas être visible en avant du maître-bau.

ARTICLE 6. Lorsqu'un navire faisant route par gros temps a des dimensions trop petites pour que ses feux de côté, vert et rouge, puissent être fixés de manière permanente, ces feux doivent, néanmoins, être allumés sur le pont, chacun sur le côté réglementaire, afin que l'on puisse s'en servir instantanément. Ils doivent être montrés chacun, selon le besoin, et du bon côté, à tout bâtiment qui s'approcherait du navire qui les porte, ou dont ce dernier s'approcherait, et ce, assez à temps pour prévenir un abordage. Cette manœuvre doit être faite de telle manière que les feux de côté soient aussi visibles que possible, et présentés de telle manière que le feu vert ne puisse être aperçu du côté de bâbord, ni le feu rouge du côté du tribord, si la chose est praticable, à plus de deux quarts en arrière du travers de chacun des côtés du navire. Pour rendre l'application de cet article du règlement plus facile et plus certaine, les fanaux doivent être peints extérieurement de la couleur du feu qu'ils contiennent, et ils doivent, de plus, être pourvus d'écrans convenables.

ARTICLE 7. Un navire de moins de cent cinquante pieds de longueur, lorsqu'il est au mouillage, doit porter à l'avant, dans l'endroit où il peut être le plus apparent, mais à une hauteur n'excédant pas vingt pieds au-dessus du plat-bord, un feu blanc dans un fanal disposé de manière à projeter tout autour de l'horizon une lumière claire, uniforme et non interrompue à une distance d'au moins un mille.

Un navire de cent cinquante pieds ou plus de longueur, lorsqu'il est au mouillage, doit porter à la partie avant à une hauteur au-dessus du plat-bord de vingt pieds au moins, et de quarante pieds au plus, un feu semblable à celui mentionné plus haut, et à l'arrière ou près de l'arrière un second feu pareil qui doit être à une hauteur telle qu'il ne se trouve pas à moins de 15 pieds plus bas que celui de l'avant.

ARTICLE 8. Les embarcations ouvertes ne sont pas obligées de porter les feux de côté que l'on exige des navires, mais elles doivent, si elles ne les portent pas, porter un fanal émettant une lumière verte d'un côté et rouge de l'autre; fanal qui doit être présenté assez à temps pour éviter tout abordage et de telle sorte que le feu vert ne puisse être aperçu du côté de bâbord ni le feu rouge du côté du tribord. Les embarcations ouvertes, doivent, lorsqu'elles sont au mouillage ou stationnaires, montrer un feu blanc brillant. On ne les empêche pas cependant de montrer par surcroît un feu intermittent, si cela est opportun.

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RULE 9. Sailing vessels shall at all times, on the approach of any steamer during the night-time, show a lighted torch upon that quarter to which such steamer shall be approaching.

**Lights for tugs under 30 tons register (net) whose principal business is harbour towing.**

RULE 10. Tugs under 30 tons register (net) whose principal business is harbour towing, shall carry the red and green side-lights carried by other steamers; and, at the foremast head, or, if the steamer has no foremast, then on top of the pilot house, a white light so constructed as to show a uniform and unbroken light over an arc of the horizon of 20 points of the compass, and so fixed as to throw the light 10 points on each side of the vessel, namely, from right ahead to 2 points abaft the beam on either side, and of such a character as to be visible at a distance of at least 3 miles; and *when towing, except when towing a raft*, shall carry an additional white light of same character and construction as the headlight, and hung not less than 3 feet vertically above or below the headlight.

*When towing a raft*, the two headlights shall be carried in a horizontal line athwartships not less than 4 feet apart, each so fixed as to throw the light all around the horizon, and of such a character as to be visible at a distance of at least 3 miles.

**Lights to be carried by ferryboats.**

RULE 11. Ferryboats propelled by steam or machinery shall carry the white light or lights and the coloured side-lights required by these rules to be carried on steam vessels, except that *double-end ferryboats* shall carry a central range of clear, bright, white lights, showing all around the horizon, placed at equal altitudes forward and aft, also on the starboard side a green light, and on the port side a red light, of such a character as to be visible on a dark night with a clear atmosphere at a distance of at least 2 miles, and so constructed as to show a uniform and unbroken light over an arc of the horizon of 10 points of the compass, and so fixed as to throw the light from right ahead to 2 points abaft the beam on their respective sides.

The green and red lights shall be fitted with inboard screens projecting at least 3 feet forward from the lights, so as to prevent them from being seen across the bow.

**Lights for canal boats in tow of steam vessels.**

RULE 12. Canal boats when in tow of steam vessels shall carry lights as follows:—

Canal boats when *towed astern of steam vessels and towed singly or tandem* shall each carry a green light on the starboard side, a red light on the port side, and a small bright white light aft.

When canal boats are *towed at a hawser in one or more tiers*, two or more abreast, the boat on the starboard side of each tier shall carry a green light on her starboard side, and the boat on the port side of each tier shall carry a red light on her port side, and each of the outside boats in the last tier shall also carry a small bright light aft.

When a canal boat is *towed alongside* and on the starboard side of a steamer, the boat towed shall carry a green light on the starboard side; and when towed on the port side of a steamer, the boat towed shall carry a red light on the port side.

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ARTICLE 9. Les voiliers doivent en tout temps, durant la nuit, lorsqu'un navire à vapeur s'approche d'eux, montrer une torche allumée du côté où se trouve le vapeur qui approche.

**Feux des remorqueurs ayant un tonnage net de moins de 30 tonneaux et principalement employés à faire du remorquage dans les ports.**

ARTICLE 10. Les remorqueurs ayant un tonnage net de moins de 30 tonneaux et principalement employés à faire du remorquage dans les ports, doivent porter les feux de côté vert et rouge que portent les autres vapeurs, et, en tête du mât de misaine ou bien si ce remorqueur à vapeur n'a pas de mât de misaine, sur le haut du kiosque du pilote, un feu blanc brillant, disposé de manière à montrer une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de 20 quarts ou rumbes du compas, soit 10 quarts de chaque côté du navire, c'est-à-dire, depuis l'avant jusqu'à 2 quarts sur l'arrière du travers de chaque bord. Ce feu doit être visible à une distance d'au moins 3 milles. Lorsqu'un remorqueur fait du *remorquage autre que celui d'un train de bois flotté*, il doit porter un feu blanc additionnel semblable au feu de tête de mât et suspendu verticalement à une distance d'au moins trois pieds au-dessus ou au-dessous du feu de tête de mât.

Lorsqu'un remorqueur *remorque un train de bois flotté*, les deux feux de tête de mât doivent être disposés horizontalement en travers du navire, à une distance d'au moins quatre pieds l'un de l'autre, de manière à projeter tout autour de l'horizon, une lumière claire, uniforme et ininterrompue à une distance d'au moins trois milles.

**Feux que doivent porter les bacs.**

ARTICLE 11. Les bacs dont la progression est obtenue par l'emploi de la vapeur ou de machines, doivent porter le ou les feux blancs et les feux de couleur des côtés que ce règlement exige des navires à vapeur; et *les bacs à proue double*, c'est-à-dire, dont la poupe est remplacée par une seconde proue, doivent porter dans le plan de leur ligne médiane longitudinale ou axe, un alignement de feux blancs brillants disposés de manière à projeter tout autour de l'horizon une lumière claire. Ces feux doivent être portés à une même hauteur à l'avant et à l'arrière du bac qui, de plus, doit porter sur ses côtés un feu vert à tribord et un feu rouge à bâbord. Ces derniers feux devront être visibles par nuit noire et ciel clair à une distance d'au moins deux milles. Ils doivent être disposés de manière à montrer une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de 10 quarts ou rumbes du compas, c'est-à-dire depuis l'avant jusqu'à 2 quarts sur l'arrière du travers de chaque bord.

Ces feux de côtés, vert et rouge, doivent être mis sur des boîtes ouvertes, ou écrans, dépassant le feu d'au moins trois pieds vers la proue, et construits de manière que le feu vert ne puisse pas être aperçu de bâbord avant que le feu rouge de tribord avant.

**Feux que doivent porter les bateaux naviguant sur les canaux, lorsqu'ils sont remorqués par des navires à vapeur.**

ARTICLE 12. Les bateaux naviguant sur les canaux doivent, lorsqu'ils sont *remorqués un à la fois ou en tandem à l'arrière de navires à vapeur*, porter un feu vert du côté de tribord, un feu rouge du côté de bâbord et un petit feu blanc brillant à l'arrière.

Lorsque des bateaux naviguant sur les canaux sont *remorqués à l'aide d'une haussière sur plusieurs rangées*, de deux bateaux ou plus de front, le bateau se trouvant à tribord de chaque rangée doit porter un feu de côté vert à tribord, et le bateau se trouvant à bâbord de chaque rangée doit porter un feu de côté rouge à bâbord; cependant que chacun des bateaux se trouvant aux extrémités de la dernière rangée doit, en outre, porter à l'arrière un petit feu blanc brillant.

When *two canal boats are towed alongside of a steamer*, one on the starboard and one on the port side, the starboard boat shall carry a green light on the starboard side and the port boat shall carry a red light on the port side.

The *coloured side-lights* referred to in these rules for canal boat in tow of steam vessels shall be fitted with inboard screens, so as to prevent them from being seen across the bow, and of such a character as to be visible on a dark night, with a clear atmosphere, at a distance of at least 2 miles, and so constructed as to show a uniform and unbroken light over an arc of the horizon of 10 points of the compass, and so fixed as to throw the light from right ahead to 2 points abaft the beam on either side. The minimum size of glass globes shall not be less than 6 inches in diameter and 5 inches high in the clear.

The *small bright white light aft* required to be carried on canal boats in tow shall not be visible forward of the beam.

### Lights for water craft propelled by hand power, horse-power, or by the current of the river.

RULE 13. *Any vessel propelled by hand power, horse-power, or by the current of the river*, navigating any bay, harbour, or river, or which shall be anchored or moored in or near the channel or fairway of any bay, harbour, or river, except rafts and rowing boats under oars, shall carry one white light forward not less than 8 feet above the surface of the water, which light shall be carried, from sunset to sunrise, in a lantern so fixed and constructed as to show a clear, uniform, and unbroken light, visible all around the horizon, and of such intensity as to be visible on a dark night with a clear atmosphere at a distance of at least 1 mile.

*Rowing boats* under oars shall have ready at hand a lantern showing a white light which shall be temporarily exhibited in sufficient time to prevent collision.

### Lights for rafts.

RULE 14. Rafts propelled by hand power, horse-power, or by the current of the river, or in tow, or which shall be anchored or moored in or near a channel or fairway of other vessels, shall carry lights as follows:—

Rafts of one crib and not more than two in length shall carry one white light. Rafts of three or more cribs in length and one crib in width shall carry one white light at end of the raft. Rafts of more than one crib abreast shall carry one white light on each outside corner of the raft, making four lights in all.

Bag or boom rafts navigating or anchored in the fairway of any bay, harbour, or river shall carry a bright white light at each end of the raft, and one of such lights on each side midway between the forward and after ends.

The *white light* required by these rules for rafts shall be carried, from sunset to sunrise, in a lantern so fixed and constructed as to show a clear, uniform, and unbroken

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Lorsqu'un bateau naviguant sur les canaux est *remorqué le long du bord* d'un vapeur du côté de tribord, ce bateau remorqué doit porter un feu de côté vert à tribord. Quand le bateau remorqué le long du bord d'un vapeur se trouve du côté de bâbord de ce vapeur, ce bateau remorqué doit porter un feu de côté rouge à bâbord.

Lorsque deux bateaux naviguant sur les canaux sont *remorqués le long des bords* d'un vapeur, l'un du côté de tribord et l'autre du côté de bâbord, le bateau à tribord doit porter un feu de côté vert à tribord et le bateau à bâbord un feu de côté rouge à bâbord.

*Les feux de côté de couleur*, dont il est question dans ce règlement, lorsqu'il s'agit de bateaux naviguant sur des canaux, mais qui sont remorqués par des vapeurs, doivent être pourvus de boîtes ouvertes ou écrans construits de telle sorte que le feu vert ne puisse être aperçu de bâbord avant, et le feu rouge de tribord avant. Ces feux de côté doivent être établis de manière à projeter une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de 10 quarts ou rumb du compas, c'est-à-dire, depuis l'avant jusqu'à deux quarts sur l'arrière du travers de chaque bord. Ils doivent, en outre, être visibles à une distance d'au moins deux milles, par nuit noire et ciel clair. Les globes des fanaux contenant ces feux ne doivent pas avoir moins de 6 pouces de diamètre et être découverts sur une hauteur d'au moins 5 pouces.

Quant au *petit feu blanc brillant* de l'arrière que doivent porter les bateaux naviguant sur les canaux, lorsqu'ils sont remorqués, il ne doit pas être aperçu en avant du maître-bau.

### **Feux que doivent porter les bâtiments dont la progression est due à la force humaine, à celle de chevaux ou au courant d'un cours d'eau.**

ARTICLE 13. *Tout navire dont la progression est due à la force humaine, à celle de chevaux ou au courant d'un cours d'eau*, qui navigue dans une baie, dans un port ou sur un cours d'eau, ou qui est mouillé ou amarré dans ou près d'un chenal ou passe d'une baie, d'un port ou d'un cours d'eau, exception étant faite quant aux trains de bois flotté et aux embarcations marchant à l'aviron, doit montrer à l'avant, depuis le coucher du soleil jusqu'au moment où il se lève, un feu blanc brillant, porté dans un fanal établi à une distance d'au moins 8 pieds au-dessus de la surface de l'eau, de manière à projeter tout autour de l'horizon une lumière claire à une distance d'au moins 1 mille, par nuit noire et ciel clair.

*Les embarcations marchant à l'aviron* doivent toujours avoir prêt un fanal garni, pour feu blanc, qui, au besoin, doit être montré assez à temps pour prévenir tout abordage.

### **Feux que doivent porter les trains de bois flotté.**

ARTICLE 14. Les trains de bois flotté dont la progression est due à la force humaine, à celle de chevaux ou au courant d'un cours d'eau, ou qui sont remorqués, ou mouillés, ou amarrés dans ou près d'une passe ou chenal fréquenté par des navires, doivent porter les feux suivants:—

Les trains de bois flotté longs d'une part (crib) ou de deux parts au plus, doivent porter un feu blanc. Les trains de bois flotté longs de trois parts ou plus et de la largeur d'une part doivent porter un feu blanc à chacune des extrémités du train. Quant aux trains de bois flotté ayant une largeur supérieure à celle d'une part, dans le sens de leur progression, ils doivent porter un feu blanc à chacun de leurs angles extérieurs, c'est-à-dire, quatre feux en tout.

Les trains de bois flotté contenus dans une panne (boom) et qui se déplacent ou sont mouillés dans la passe d'une baie, dans un port, ou sur une rivière, doivent porter un feu blanc brillant à chacune de leurs extrémités, et un feu semblable sur chacun de leurs côtés, à mi-distance entre la tête et la queue de chaque train.

Tout *feu blanc*, dont cet article du règlement exige la présence sur les trains de bois flotté, depuis le coucher du soleil jusqu'au moment où il se lève, doit être émis par

light, visible all around the horizon, and of such intensity as to be visible on a dark night with a clear atmosphere at a distance of at least 1 mile; which lights shall be suspended from poles of such height that the light shall be not less than 8 feet above the surface of the water.

#### Lights and day marks for vessels not under command.

RULE 15. A vessel which from any accident is not under command shall carry at the same height as the white light mentioned in rule 2' (a), where they can best be seen, and, if a steam vessel, in lieu of that light, 2 red lights, in a vertical line, one over the other, not less than 6 feet apart, and of such a character as to be visible all around the horizon at a distance of at least 2 miles; and shall by day carry in a vertical line one over the other not less than 6 feet apart, where they can best be seen, 2 black balls or shapes each 2 feet in diameter.

#### Rules prohibiting the carrying of unauthorized lights on steam vessels.

RULE 16. No master or pilot of any steam vessel shall authorize or permit to be carried, any light, electric, or otherwise, not required by these rules, on the outside structure of the cabin or hull of the vessel that in any way will interfere with distinguishing the signal lights.

#### Rule relating to the use of Searchlights.

RULE 17. No master or pilot of any steam vessel shall flash or cause to be flashed the rays of the searchlight into the pilot house of any passing vessel.

#### FOG SIGNALS.

RULE 18. A steam vessel shall be provided with an efficient whistle, sounded by steam or by some substitute for steam, placed before the funnel not less than 8 feet from the deck, or in such other place where the sound will not be intercepted by an obstruction and of such character as to be heard in ordinary weather at a distance of at least 2 miles, and with an efficient bell, and, it is hereby made the duty of inspectors of steam vessels when inspecting the same to see that each steamer is furnished with such whistle and bell. A sailing vessel shall be provided with an efficient fog-horn and with an efficient bell.

Whenever there is thick weather by reason of fog, mist, falling snow, heavy rain-storms, or other causes, whether by day or by night, fog signals shall be used as follows:—

(a) A steam vessel under way, excepting only a steam vessel with raft in tow, shall sound at intervals of not more than one minute three distinct blasts of her whistle.

(b) Every vessel in tow of another vessel shall, at intervals of one minute, sound four bells on a good and efficient and properly placed bell as follows: By striking the bell twice in quick succession, followed by a little longer interval, and then again striking twice in quick succession (in the manner in which four bells is struck in indicating time).

(c) A steamer with a raft in tow shall sound at intervals of not more than one minute a screeching or Modoc whistle for from three to five seconds.



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un fanal suspendu à une perche, de telle manière que le feu se trouve à une distance d'au moins 8 pieds au-dessus de l'eau, le fanal devant être établi de manière à projeter tout autour de l'horizon une lumière claire et ininterrompue, à une distance d'au moins 1 mille, par nuit noire et ciel clair.

**Feux et voyants pour navires ne gouvernant pas.**

ARTICLE 15. Tout navire qui par suite d'un accident ne gouverne pas, doit porter à la même hauteur que le feu blanc mentionné à l'article 2 (a) à l'endroit le plus apparent et si c'est un navire à vapeur au lieu dudit feu, deux feux rouges verticaux disposés l'un au-dessus de l'autre à une distance d'au moins 6 pieds, de manière à projeter une lumière visible tout autour de l'horizon à une distance d'au moins deux milles; et durant le jour il doit porter deux formes ou ballons noirs verticaux, de 2 pieds de diamètre chacun, à l'endroit le plus apparent et à une distance d'au moins 6 pieds l'un au-dessus de l'autre.

**Il est défendu de porter sur les navires à vapeur des feux non autorisés.**

ARTICLE 16. Nul capitaine ou pilote d'un navire à vapeur ne doit autoriser ou permettre de porter à l'extérieur des cabines ou de la coque de son bâtiment, un feu électrique ou autre non autorisé par ce règlement, et qui pourrait de quelque façon empêcher de bien reconnaître les feux de signaux du bord.

**Article concernant l'emploi des projecteurs.**

ARTICLE 17. Nul capitaine ou pilote d'un navire à vapeur ne doit projeter ou faire projeter les rayons d'un projecteur lumineux sur le kiosque du pilote d'un navire qu'il rencontre.

**SIGNAUX DE BRUME.**

ARTICLE 18. Tout navire à vapeur doit être pourvu d'un bon sifflet à vapeur, ou d'un bon dispositif analogue, établi en avant de la cheminée à une distance d'au moins huit pieds au dessus du pont, ou à tel autre endroit du bâtiment où les ondes sonores émises ne soient pas interceptées par des obstacles; la construction de ce sifflet doit être telle que par temps ordinaire le son qu'il émet puisse être entendu à une distance d'au moins deux milles. Tout vapeur doit, en outre, être pourvu d'une bonne cloche. Par les présentes il est enjoint aux inspecteurs des bateaux à vapeur de se rendre compte, au cours de leurs inspections, de la présence à bord de tout navire: du sifflet et de la cloche susmentionnés. Tout voilier doit être pourvu d'un bon cornet à bouquin et d'une bonne cloche.

Lorsque de jour ou de nuit le temps est gros, par suite de brume, de brouillard, de neige, de forte pluie, ou de toute autre cause, on doit faire les signaux suivants:—

(a) Tout navire à vapeur faisant route, doit, sauf s'il remorque un train de bois flotté, donner à intervalles ne dépassant pas une minute, trois sons distincts de son sifflet.

(b) Tout navire remorqué par un bâtiment doit, à intervalles d'une minute, piquer quatre coups de cloche sur une bonne cloche convenablement placée, et ce de la manière suivante: frapper deux coups brefs successifs, suivis d'un intervalle de temps un peu plus long, puis deux autres coups brefs successifs (ainsi qu'on le fait pour piquer les quatre coups de cloche de l'heure à bord).

(c) Tout vapeur qui remorque un train de bois flotté doit, à intervalles ne dépassant pas une minute, donner un coup de sifflet perçant—sifflet Modoc,—long de trois à cinq secondes.

(d) A sailing vessel under way and not in tow shall sound at intervals of not more than one minute—

If on the starboard tack with wind forward of a beam, one blast of her fog-horn;  
 If on the port tack with wind forward of the beam, two blasts of her fog-horn;  
 If she has the wind abaft the beam on either side, three blasts of her fog-horn.

(e) Any vessel at anchor and any vessel aground in or near a channel or fairway shall at intervals of not more than two minutes ring the bell rapidly for three to five seconds.

(f) Vessels of less than ten tons registered tonnage, not being steam vessels, shall not be obliged to give the above-mentioned signals, but if they do not they shall sound a fog-horn, or equivalent signal, at intervals of not more than one minute.

(g) Produce boats, fishing boats, rafts, or other water craft navigating by hand power or by the current of the river, or anchored or moored in or near the channel or fairway and not in any port, and not otherwise provided for in these rules, shall sound a fog-horn, or equivalent signal, at intervals of not more than one minute.

Speed to be moderate in fog, and so forth.

RULE 19. Every vessel shall, in thick weather, by reason of fog, falling snow, heavy rainstorms, or other causes, go at *moderate speed*. A steam vessel hearing, apparently not more than four points from right ahead, the fog-signal of another vessel shall at once reduce her speed to bare steerageway, and navigate with caution until the vessels shall have passed each other.

## STEERING AND SAILING RULES.

### Preliminary.

*Risk of collision* can, when circumstances permit, be ascertained by carefully watching the compass bearing of an approaching vessel, if the bearing does not appreciably change, such risk should be deemed to exist.

### Sailing vessels.

RULE 20. When two sailing vessels are approaching one another so as to involve risk of collision one of them shall keep out of the way of the other, as follows, namely:—

(a) A vessel which is running free shall keep out of the way of a vessel which is closehauled.

(b) A vessel which is closehauled on the port tack shall keep out of the way of a vessel which is closehauled on the starboard tack.

(c) When both are running free, with the wind on different sides, the vessel which has the wind on the port side shall keep out of the way of the other.

(d) When they are running free, with the wind on the same side, the vessel which is to windward shall keep out of the way of the vessel which is to leeward.

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(d) Tout voilier faisant route, sans être remorqué, doit, à intervalle ne dépassant pas une minute: (s'il a ses amures à tribord et le vent sur l'avant du travers, donner un son de son cornet à bouquin). (S'il a ses amures à bâbord et le vent sur l'avant du travers, donner deux sons de son cornet à bouquin.) (S'il a le vent sur l'arrière du travers de l'un ou de l'autre bord, donner trois sons de son cornet à bouquin.)

(e) Tout navire au mouillage ou échoué dans ou près d'un chenal ou d'une passe doit à intervalles ne dépassant pas deux minutes, frapper des coups de cloche rapides pendant un laps de temps variant de trois à cinq secondes.

(f) Les navires, non à vapeur, qui jaugent moins de dix tonneaux nets, ne sont pas tenus de faire les signaux susmentionnés, toutefois s'ils ne font pas ces signaux ils doivent faire un signal phonique quelconque à même d'être entendu, et qui soit répété à des intervalles de silence ne dépassant pas une minute.

(g) Les bateaux transportant des denrées, les bateaux de pêche, les trains de bois flotté et autres bâtiments, dont la progression est due à la force humaine ou au courant d'un cours d'eau, ou ceux qui sont mouillés ou amarrés dans ou près d'un chenal ou passe ne se trouvant pas dans un port, et pour lesquels aucun signal n'aurait été spécialement déterminé dans ce règlement, doivent donner des sons à l'aide d'un cornet à bouquin ou autre instrument analogue, à des intervalles de silence ne dépassant pas une minute.

### Diminution de vitesse par temps brumeux, etc.

ARTICLE 19. Tout navire doit marcher à une *vitesse modérée*, lorsque le temps est gras (*thick weather*), c'est-à-dire lorsque l'horizon n'est pas entièrement visible, par suite de brume, de brouillard, de neige, d'une forte pluie ou de toute autre cause. Tout vapeur qui entend le signal phonique de brume d'un autre navire, provenant apparemment des quatre quarts d'un bord ou de l'autre de son avant (avant du navire entendant le son), doit immédiatement modérer sa vitesse, n'en conservant que juste assez pour obéir à l'action du gouvernail, et naviguer avec précaution jusqu'à ce que les deux bâtiments se soient dépassés.

## RÈGLES DE NAVIGATION.

### Notions préliminaires.

*Risques d'abordage.*—On peut s'assurer des risques d'abordage, lorsque les circonstances le permettent, en guettant soigneusement l'orientation d'un navire qui approche. Si cette orientation ne change pas sensiblement, ces risques sont censés exister.

### Navires à voiles.

ARTICLE 20. Lorsque deux navires à voiles s'approchent l'un de l'autre de manière qu'il y ait risque d'abordage, l'un d'eux doit s'écarter de la route de l'autre, comme suit, savoir:—

(a) Tout navire qui a du largue doit s'écarter de la route d'un navire qui est au plus près.

(b) Tout navire qui est au plus près et a les amures à bâbord, doit s'écarter de la route d'un navire qui est aussi au plus près mais qui a les amures à tribord.

(c) Lorsque deux navires à voiles ont du largue et reçoivent le vent sur des côtés différents, celui qui reçoit le vent à bâbord doit s'écarter de la route de celui qui le reçoit à tribord.

(d) Lorsque deux navires à voiles ont du largue et reçoivent le vent du même côté, celui qui est au vent doit s'écarter de la route de celui qui est sous le vent.

## Steam vessels.

### SIGNALS.

RULE 21. In all weathers every steam vessel under way in taking any course authorized or required by these rules, shall indicate that course by the following SIGNALS on her whistle, to be accompanied, whenever required, by corresponding alteration of her helm, and every steam vessel receiving a signal from another shall promptly respond with the same signal or sound the danger signal as provided in Rule 22:—

*One blast* means: "I am directing my course to starboard," except when two steamers are approaching each other at right angles or obliquely, other than when one steamer is overtaking another, one short blast signifies intention of steamer which is to starboard of the other to hold course and speed.

*Two blasts* mean: "I am directing my course to port."

RULE 22. If, when steamers are approaching each other, the pilot of either vessel fails to understand the course or intention of the other, whether from signals being given or answered erroneously, or from other causes, the pilot so in doubt shall immediately signify the same by giving the DANGER SIGNAL of five or more short and rapid blasts of the whistle; and if both vessels shall have approached within half a mile of each other, both shall be immediately slowed to a speed barely sufficient for steerage-way, and, if necessary, stopped and reversed, until the proper signals are given, answered, and understood, or until the vessels shall have passed each other.

RULE 23. Steam vessels are forbidden to use what has become technically known among pilots as "CROSS SIGNALS"—that is, answering one whistle with two, and answering two whistles with one. In all cases, and under all circumstances, a pilot receiving either of the whistle signals provided in the rules, which for any reason he deems injudicious to comply with, instead of answering it with a cross signal, shall at once sound the danger signal and observe the rule applying thereto (Rule 22).

RULE 24. The SIGNAL FOR PASSING, by the blowing of the whistle, shall be given and answered by pilots in compliance with these rules, not only when meeting "head and head," or nearly so, but at all times when passing or meeting at a distance within a half mile of each other, and whether passing to the starboard or port.

### Situation.

RULE 25. When steamers are APPROACHING EACH OTHER "HEAD AND HEAD," OR NEARLY so, it shall be the duty of each steamer to pass on the port side of the other; and the pilot of either steamer may be first in determining to pursue this course, and thereupon shall give, as a signal of his intention, one short and distinct blast of his whistle, which the pilot of the other steamer shall answer promptly by a similar blast of his whistle, and thereupon such steamers shall pass on the port side of each other. But if the courses of such steamers are so far on the starboard of each other as not to be considered by pilots as meeting "head and head," or nearly so, the pilot so first deciding shall immediately give two short and distinct blasts of his whistle, which the pilot of

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## Navires à vapeur.

## SIGNAUX.

ARTICLE 21. Par tous les temps tout vapeur faisant route doit, en prenant une route autorisée ou exigée par ce règlement, indiquer cette route à l'aide des *signaux* suivants, faits à l'aide de sons de son sifflet, signaux qui selon les besoins du moment doivent être immédiatement suivis de la manœuvre correspondante de la barre. Tout vapeur qui perçoit le signal phonique d'un autre navire doit y répondre par le même signal, ou donner les sons du signal du danger, tels que mentionnés à l'article 22 de ce règlement.

Un coup de sifflet signifie: "Je me dirige sur tribord", excepté s'il s'agit de deux vapeurs qui s'approchent l'un de l'autre à angle droit ou obliquement, mais non de deux vapeurs dont l'un atteindrait l'autre. Un coup de sifflet bref signifie que le vapeur qui se trouve à tribord de l'autre entend poursuivre sa route sans ralentir sa marche.

Deux coups de sifflet signifient: "Je me dirige sur bâbord."

ARTICLE 22. Si lorsque deux vapeurs s'approchent l'un de l'autre, l'homme de barre de l'un d'eux manque de comprendre la route que l'autre navire suit, ou a l'intention de suivre, soit que les signaux aient été mal faits ou mal compris, ou pour tout autre raison, l'homme de barre qui est dans le doute doit immédiatement faire part de son doute en faisant le signal *du danger*, c'est-à-dire, en donnant cinq coups de sifflet brefs, ou plus: que, si les deux navires se sont approchés l'un de l'autre à une distance d'un demi-mille, tous deux doivent alors ralentir leur marche de manière à pouvoir tout juste gouverner, et, si nécessaire, ils doivent stopper et renverser leur marche jusqu'à ce que les signaux convenables aient été faits, qu'il y ait été répondu, et qu'on les ait compris, ou jusqu'à ce que les navires se soient dépassés réciproquement.

ARTICLE 23. Il est défendu aux navires à vapeur de faire ce qu'on est convenu de nommer en termes techniques, parmi les navigateurs, des *signaux contraires* "*cross-signals*," c'est-à-dire, répondre à un coup de sifflet par deux coups de sifflet, et à deux coups de sifflet par un coup de sifflet. Dans tous les cas et en toutes circonstances où un homme de barre entend un des coups de sifflet mentionnés dans ce règlement, et dont pour une raison quelconque il juge à propos de ne pas tenir compte, il doit au lieu de répondre par un signal contraire faire immédiatement le signal du danger et observer les dispositions prescrites ci-dessus (article 22).

ARTICLE 24. Les signaux phoniques au sifflet que doit faire un navire voulant en dépasser un autre, doivent être faits par les hommes de barre en conformité de ce règlement, et on doit y répondre aussi en conformité de ce règlement, non seulement lorsque deux navires se rencontrent faisant route "l'un sur l'autre" ou presque, mais en tout temps lorsque deux bâtiments se dépassent ou se rencontrent à un demi-mille l'un de l'autre, et ceci soit qu'un navire passe à tribord ou à bâbord de l'autre.

## Position des bâtiments.

ARTICLE 25. Lorsque deux vapeurs *marchent "l'un sur l'autre"*, ou presque, chacun d'eux doit passer à bâbord de l'autre, et l'homme de barre de l'un ou de l'autre de ces bâtiments peut être le premier à se décider à manœuvrer de la sorte, en conséquence de quoi il doit faire le signal notifiant son intention, c'est-à-dire, donner un son bref et distinct de son sifflet à vapeur, auquel l'homme de barre de l'autre vapeur doit répondre promptement par un pareil coup de sifflet, et les deux vapeurs doivent alors passer à bâbord l'un de l'autre; que si les routes suivies par les deux vapeurs se trouvent tellement à tribord l'une de l'autre que les hommes de barre soient d'avis que les deux navires ne marchent pas "*l'un sur l'autre*", ou presque, l'homme de barre qui **le premier en arrive à cette conclusion** doit donner immédiatement deux sons nets de son sifflet, auxquels l'homme de barre de l'autre navire doit répondre promptement par

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the other steamer shall answer promptly by two similar blasts of his whistle, and they shall pass on the starboard side of each other: *Provided, however,* That in all NARROW CHANNELS where there is a current, and in the rivers Saint Mary, Saint Clair, Detroit, Niagara, and Saint Lawrence, when two steamers are meeting, the descending steamer shall have the right of way, and shall, before the vessels shall have arrived within the distance of one-half mile of each other, give the signal necessary to indicate which side she elects to take.

In the night, steamers will be considered as meeting "head and head" so long as both the coloured lights of each are in view of the other.

RULE 26. Whenever a steamer is NEARING A SHORT BEND OR CURVE in the channel, where, from the height of the banks or other cause, a steamer approaching from the opposite direction can not be seen for a distance of half a mile, the pilot of such steamer, when he shall have arrived within half a mile of such curve or bend, shall give a signal by one long blast of the whistle, which signal shall be answered by a similar blast given by the pilot of any steamer within hearing that may be approaching on the other side, and within half a mile of such bend or curve. Should such a signal be so answered by a steamer upon the farther side of such bend, then the usual signals for meeting and passing shall immediately be given and answered; but, if the first signal of such pilot be not answered, he is to consider the channel clear and govern himself accordingly.

RULE 27. When a STEAMER IS MOVED FROM ITS DOCK OR BERTH, and other steamers are liable to approach such steamer from any direction, such steamer and any approaching steamer shall give the same signals as in case of steamers meeting at a bend; but immediately after clearing the dock or berth so as to be fully in sight they shall be governed by the rules for passing.

RULE 28. When one STEAMER IS OVERTAKING ANOTHER, and the pilot of a steamer which is astern shall desire to pass on the right or starboard hand of the steamer ahead, he shall give one short blast of the whistle, as a signal of such desire and intention, and shall put his helm to port; or if he shall desire to pass on the left or port side of the steamer ahead, he shall give two short blasts of the whistle as a signal of such desire and intention, and shall put his helm to starboard, and the pilot of the steamer ahead shall answer by the same signals; or if he does not think it safe for the steamer astern to attempt to pass at that point, he shall immediately signify the same by giving five or more short and rapid blasts of the whistle, and under no circumstances shall the steamer astern attempt to pass the steamer ahead until such time as they have reached a point where it can be safely done, when said steamer ahead shall signify her willingness by blowing the proper signals. The boat ahead shall in no case attempt to cross the bow or crowd upon the course of the passing steamer.

Every vessel coming up with another vessel from any direction more than two points abaft her beam—that is, in such a position, with reference to the vessel which she is overtaking, that at night she would be unable to see either of that vessel's side lights—shall be deemed to be *an overtaking vessel*; and no subsequent alteration of the bearing between the two vessels shall make the overtaking vessel a crossing vessel

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deux coups de sifflet pareils, et les deux navires doivent alors passer à tribord l'un de l'autre. Il est *toutefois stipulé* que dans tous les *chenaux étroits* où il existe un courant, et sur les rivières Sainte-Marie, Saint-Clair, Détroit, Niagara, et le fleuve Saint-Laurent, lorsque deux vapeurs se rencontrent le vapeur qui descend le cours d'eau a le droit de passage et doit, avant que les deux navires ne se trouvent à une distance d'un demi-mille l'un de l'autre, faire le signal de rigueur pour indiquer de quel côté de l'autre navire il a l'intention de passer. La nuit on doit admettre que deux vapeurs "*marchent l'un sur l'autre*", tant que les deux feux de couleur de l'un sont aperçus de l'autre.

ARTICLE 26. Quand un vapeur suit un chenal et s'approche d'un coude accentué ou courbe de la voie d'eau, dont la nature élevée de la rive, ou tout autre cause, empêche ledit navire puisse apercevoir un vapeur venant vers lui en sens opposé à une distance d'un demi-mille, l'homme de barre ainsi tenu dans l'ignorance de ce qui se passe au delà de la courbe, doit lorsque son navire arrive à un demi mille d'une telle courbe, donner un son long de son sifflet, signal auquel doit répondre par un signal pareil l'homme de barre de tout vapeur qui l'aurait entendu et marcherait à un demi-mille dudit coude ou courbe dans le sens opposé du bâtiment ayant fait le premier signal. Quand la réponse du long coup de sifflet est convenablement donnée par le navire dont on supposait la présence derrière l'obstacle, les deux navires s'approchant l'un de l'autre doivent faire immédiatement les signaux d'appel et de réponse que se font habituellement les vapeurs qui se rencontrent. Si l'homme de barre qui a fait le premier signal à l'approche d'une courbe ne reçoit pas de réponse, il est en droit de supposer que le chenal est libre et de gouverner en conséquence.

ARTICLE 27. Quand un vapeur se déplace en quittant son bassin ou son poste d'amarrage et que d'autres vapeurs peuvent avoir à s'en approcher en venant d'une direction quelconque, le vapeur qui se déplace et tout vapeur s'en approchant doivent faire les signaux que font les vapeurs qui se rencontrent sur le coude d'une voie d'eau; mais dès que le vapeur quittant son bassin ou son poste d'amarrage se trouve en pleine vue, on doit faire les signaux que le règlement exige des bâtiments qui se rencontrent normalement.

ARTICLE 28. Quand deux vapeurs étant en marche l'un d'eux atteint l'autre et que l'homme de barre du vapeur se trouvant en arrière désire passer à droite, c'est-à-dire, à tribord du vapeur se trouvant en avant, il doit donner un son bref de son sifflet, afin de signaler son désir et son intention; il doit mettre sa barre à bâbord; et s'il désire passer à gauche, c'est-à-dire à bâbord du vapeur en avant de lui, il doit donner deux sons brefs de son sifflet, afin de signaler son désir et son intention et il doit mettre la barre à tribord, cependant que l'homme de barre du vapeur se trouvant en avant doit répondre en faisant le même signal, que, si ce dernier homme de barre est d'avis qu'il n'est pas prudent que le vapeur le suivant essaye de le dépasser sur ce point de leur route, il doit immédiatement en faire part au bâtiment en arrière en donnant cinq sons brefs et rapides ou plus de son sifflet, le vapeur en arrière ne devant alors dans aucun cas essayer de dépasser le vapeur qui se trouve en avant de lui, et ce jusqu'au moment où les deux vapeurs ont atteint un point de leur route ou l'un peut dépasser l'autre sans danger, alors que le vapeur se trouvant en avant signifiera à l'autre qu'il consent à être dépassé en faisant les signaux convenables. Dans aucune cas le navire en avant ne doit essayer de couper la route de celui qui le suit ou le gêner en trop se portant de son côté.

Tout navire qui en atteint un autre sous une direction de plus de deux quarts sur l'arrière de son travers, c'est-à-dire, qui se trouve dans une position telle, relativement au navire atteint, que pendant la nuit il ne pourrait apercevoir ses feux de côté, est censé être une navire qui *en atteint un autre*; quelque soit le changement subséquent de la route des deux navires celui qui atteint l'autre ne peut, d'après ce règlement, prétendre avoir le droit de couper la route du navire se trouvant en avant, ou être exempté du devoir de parer le navire atteint, jusqu'à ce que celui-ci soit passé et hors de danger.

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within the meaning of these rules, or relieve her of her duty of keeping clear of the overtaken vessel until she is finally passed and clear.

As by day the overtaking vessel can not always know with certainty whether she is forward of or abaft this direction from the other vessel she should, if in doubt, assume that she is an overtaking vessel and keep out of the way.

**RULE 29.** IN ALL CHANNELS LESS THAN FIVE HUNDRED FEET IN WIDTH, no steam vessel shall pass another going in the same direction unless the steam vessel ahead be disabled or signify her willingness that the steam vessel astern shall pass, when the steam vessel astern may pass, subject, however, to the other rules applicable to such a situation. And when steam vessels proceeding in opposite directions are about to meet in such channels, both such vessels shall be slowed down to a moderate speed, according to the circumstances.

**RULE 30.** When two steamers are APPROACHING EACH OTHER AT RIGHT ANGLES OR OBLIQUELY SO AS TO INVOLVE RISK OF COLLISION, other than when one steamer is overtaking another the steamer which has the other on her own port side shall hold her course and speed; and the steamer which has the other on her own starboard side shall keep out of the way of the other by directing her course to starboard so as to cross the stern of the other steamer, or, if necessary to do so, slacken her speed or stop or reverse. The steamer having the other on her own port bow shall blow one blast of her whistle as a signal of her intention to cross the bow of the other, holding her course and speed, which signal shall be promptly answered by the other steamer by one short blast of her whistle as a signal of her intention to direct her course to starboard so as to cross the stern of the other steamer or otherwise keep clear.

If from any cause whatever the conditions covered by this situation are such as to prevent immediate compliance with each other's signals, the misunderstanding or objection shall be at once made apparent by blowing the danger signal, and both steamers shall be stopped, and backed if necessary, until signals for passing with safety are made and understood.

**RULE 31.** When two steam vessels are meeting end on, or nearly end on, so as to involve risk each shall alter her course to starboard, so that each shall pass on the port side of the other.

**RULE 32.** When two steam vessels are crossing so as to involve risk of collision the vessel which has the other on her own starboard side shall keep out of the way of the other.

**RULE 33.** When a STEAM VESSEL AND A SAILING VESSEL are proceeding in such directions as to involve risk of collision the steam vessel shall keep out of the way of the sailing vessel.

**RULE 34.** Where, by any of the rules herein prescribed, one of two vessels shall keep out of the way, the other shall keep her course and speed.

**RULE 35.** Every steam vessel which is directed by these rules to keep out of the way of another vessel shall, on approaching her, if necessary, slacken her speed or stop or reverse.

**RULE 36.** Notwithstanding anything contained in these rules every vessel overtaking any other shall keep out of the way of the overtaken vessel.

**RULE 37.** In obeying and construing these rules due regard shall be had to all DANGERS OF NAVIGATION AND COLLISION and to any SPECIAL CIRCUMSTANCES which may render a departure from the above rules necessary in order to avoid immediate danger.



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Or, comme pendant le jour le navire qui en atteint un autre ne peut pas toujours savoir avec certitude s'il a dépassé ou non la direction mentionnée ci-dessus par rapport à l'autre navire, il doit dans le doute, présumer qu'il se trouve être positivement un navire qui en atteint un autre et parer la route de ce dernier.

ARTICLE 29. Dans tous les chenaux ayant moins de cinq cents pieds de largeur aucun navire à vapeur n'est autorisé à en dépasser un autre marchant dans la même direction, à moins que le vapeur se trouvant en avant ne soit désemparé ou n'ait signifié qu'il consent à ce que le navire à vapeur se trouvant derrière lui le dépasse, auquel cas ce dernier peut le dépasser pourvu, néanmoins, qu'il observe les dispositions du règlement auxquelles il est sujet dans ce cas. Lorsque deux navires à vapeur font route en sens opposé et sont sur le point de se rencontrer sur un chenal ayant moins de cinq cents pieds de largeur, ces deux navires doivent ralentir leur marche et marcher à une vitesse modérée, en tenant compte des circonstances.

ARTICLE 30. Lorsque deux navires à vapeur s'approchent l'un de l'autre à angle droit ou obliquement, au risque d'un abordage, de nature différente de celui pouvant se produire dans le cas d'un vapeur qui en atteint un autre, le vapeur qui a l'autre vapeur à bâbord ne doit ni modifier sa route ni ralentir sa marche, et le vapeur qui a l'autre vapeur à tribord doit se déranger pour ce dernier, et gouverner sur tribord de manière à couper la route de l'autre vapeur à l'arrière de celui-ci, ou, si nécessaire, ralentir sa marche, ou stopper ou renverser sa marche. Le vapeur qui a l'autre par le bossoir de bâbord doit donner un son de son sifflet, pour signaler qu'il a l'intention de couper sa route en passant devant lui, et le vapeur qui fait ce signal doit poursuivre sa route et ne pas ralentir sa marche. À ce signal l'autre vapeur doit répondre promptement par un son bref de son sifflet, pour signaler qu'il a l'intention de gouverner sur tribord de manière à couper la route de l'autre vapeur en passant en arrière de lui ou qu'il entend éviter tout danger d'abordage.

Si pour une raison quelconque l'état de choses considéré dans cet article est tel qu'il empêche d'obéir immédiatement aux manœuvres imposées par les signaux échangés entre les deux vapeurs, la méprise ou l'objection se présentant doivent être notifiées en faisant donner au sifflet le son propre au signal du danger, et les deux vapeurs doivent stopper et faire machine en arrière, si c'est nécessaire, jusqu'à ce que les signaux devant permettre de passer en toute sécurité soient compris.

ARTICLE 31. Lorsque deux navires sous vapeur courent l'un sur l'autre ou à peu près, et qu'il y a risque d'abordage, tous deux doivent venir sur tribord pour passer à bâbord l'un de l'autre.

ARTICLE 32.— Si deux navires sous vapeur font des routes qui se croisent et les exposent à s'aborder, celui qui voit l'autre par tribord doit manœuvrer de manière à ne pas gêner la route de ce dernier.

ARTICLE 33. Si deux navires, l'un à voiles, l'autre sous vapeur, font des routes qui les exposent à s'aborder, le navire sous vapeur doit manœuvrer de manière à ne pas gêner la route du navire à voiles.

ARTICLE 34. Lorsque, d'après les articles de ce règlement, un navire doit s'écarter de la route d'un autre navire, celui-ci doit poursuivre sa route sans ralentir sa marche.

ARTICLE 35. Tout navire qui d'après les articles de ce règlement doit se déranger pour un autre navire, doit en l'approchant, si nécessaire, ralentir sa marche, ou stopper ou faire machine en arrière.

ARTICLE 36. Nonobstant tout ce qui est contenu au présent règlement, tout navire qui en atteint un autre, doit se déranger pour le navire qu'il atteint.

ARTICLE 37. En se conformant aux articles de ce règlement et en les interprétant il faut tenir compte des tous les dangers de la navigation, et avoir égard à toutes les circonstances particulières qui peuvent rendre nécessaire une dérogation aux dispositions de ce règlement afin de parer à un péril immédiat.

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RULE 38. Nothing in these rules shall exonerate any vessel, or the owner or master or crew thereof, from the consequences of any neglect to carry lights or signals, or of any neglect to keep a proper lookout, or of a neglect of any precaution which may be required by the ordinary practice of seamen, or by the special circumstances of the case.

### Diagrams.

The following diagrams are intended to illustrate the working of the system of coloured lights and pilot rules:—

#### *First Situation.*



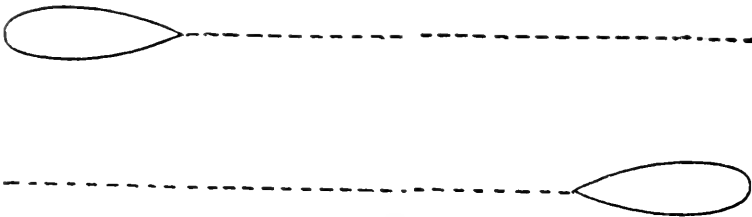
Here the two coloured lights visible to each other will indicate their direct approach "head and head" toward each other. In this situation it is a standing rule that both shall put their helms to port and pass on the port side of each other, each having previously given one blast of the whistle.

#### *Second Situation.*



In this situation the red light only will be visible to each, the screens preventing the green lights from being seen. Both vessels are evidently passing to port of each other, which is rulable in this situation, each pilot having previously signified his intention by one blast of the whistle.

#### *Third Situation.*



In this situation the green light only will be visible to each, the screens preventing the red light from being seen. They are therefore passing to starboard of each other, which is rulable in this situation, each pilot having previously signified his intention by two blasts of the whistle.

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ARTICLE 38. Rien dans les articles de ce règlement ne saurait affranchir un navire quel qu'il soit, son propriétaire, son capitaine ou son équipage, des conséquences d'une omission de porter des feux ou signaux, d'un défaut de surveillance convenable, ou, enfin, d'une négligence quelconque des précautions commandées par la pratique ordinaire de la navigation ou par les circonstances particulières de la situation.

**Diagrammes.**

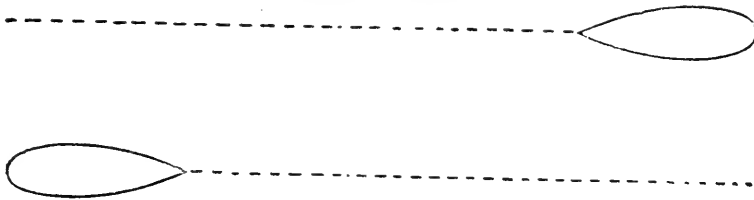
Les diagrammes suivants ont pour but de permettre d'interpréter la signification des feux de couleur et les règles qui doivent guider les hommes de barre.

*Première position.*



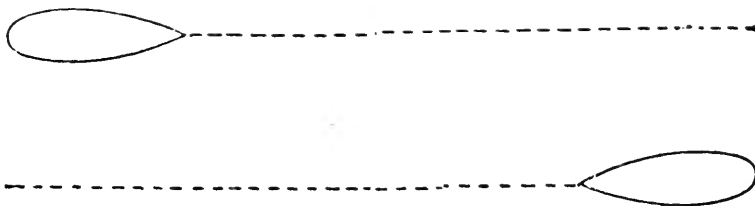
Dans ce cas les deux feux de couleur visibles de chacun des navires, indiquent qu'ils "courent l'un sur l'autre" en droite ligne. Dans cette position il est de règle établie que chaque navire doit mettre sa barre à bâbord et passer à bâbord de l'autre bâtiment, chacun d'eux ayant au préalable donné un son de son sifflet.

*Deuxième position.*



Dans ce cas chacun des navires ne peut voir que le feu rouge de l'autre, les écrans empêchant de voir les feux verts. Chacun des navires passe évidemment à bâbord de l'autre, ce qui est de règle. Dans cette position, chaque homme de barre doit au préalable signifier son intention de ce faire en donnant un son de son sifflet.

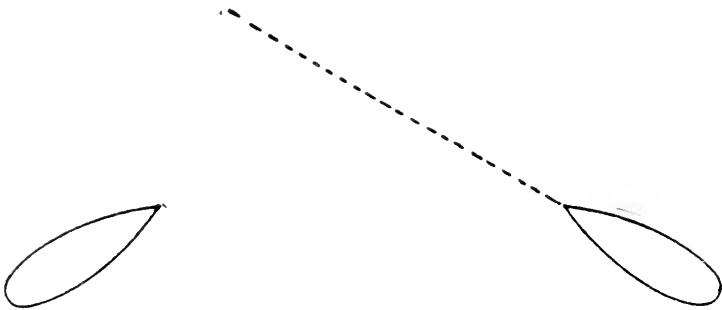
*Troisième position.*



Dans ce cas chacun des navires ne peut voir que le feu vert de l'autre, les écrans empêchant de voir les feux rouges. Chacun des navires passe évidemment à tribord de l'autre, ce qui est de règle dans cette position, et chaque homme de barre doit au préalable signifier son intention de ce faire en donnant deux sons de son sifflet.

*Fourth Situation.*

In this situation one steamer is overtaking another steamer from some point within the angle of two points abaft the beams of the overtaken steamer. The overtaking steamer may pass on the starboard or port side of the steamer ahead after the necessary signals for passing have been given, with assent of the overtaken steamer, as prescribed in rule 28.

*Fifth Situation.*

In this situation two steamers are approaching each other at right angles or obliquely *in such manner as to involve risk of collision*, other than where one steamer is overtaking another.

The steamer which has the other on her own *port* side shall hold course and speed, and the other shall keep clear by crossing astern of the steamer that is holding course and speed, or, if necessary to do so, shall slacken her speed or stop or reverse.

Both steamers shall otherwise observe the provisions of rule 30 with respect to the signals for passing and the danger signal.

**Rules prohibiting unnecessary sounding of the steam whistle.**

**RULE 39.** No licensed officer in charge of any steamer shall authorize or permit unnecessary sounding of the steam whistle.

**Distress signals.**

**RULE 40.** When a vessel is in distress and requires assistance from other vessels or from the shore, the following shall be the signals to be used or displayed by her, either together or separately, viz.:—

In the daytime:—

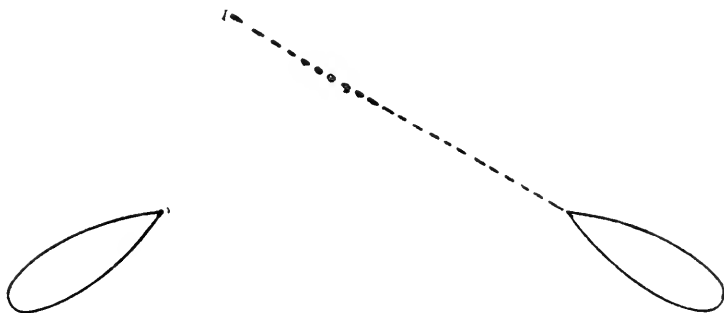
1. A gun or other explosive signal fired at intervals of about a minute.
2. The International Code signal of distress indicated by N.C.
3. The distant signal, consisting of a square flag, having either above or below it a ball or anything resembling a ball.
4. A continuous sounding with any fog-signal apparatus.

*Quatrième position.*



Dans ce cas un des deux vapeurs atteint l'autre vapeur d'un point situé dans l'angle des 2 quarts sur l'arrière du travers de chaque bord du navire atteint. Le navire qui atteint l'autre peut passer à tribord ou à bâbord de celui-ci qui se trouve en avant de lui, mais il doit d'abord faire les signaux nécessaires pour le dépasser, et ce avec le consentement du navire qui est atteint, les signaux étant ceux prescrits à l'article 28.

*Cinquième position.*



Dans ce cas deux vapeurs s'approchent l'un de l'autre à angle droit ou obliquement de manière à encourir des risques d'abordage, autres que s'il s'agissait d'un vapeur en atteignant un autre.

Le vapeur qui a l'autre à *bâbord* doit poursuivre sa route sans ralentir sa marche et l'autre se déranger en coupant la route du premier en arrière de celui-ci, qui poursuit sa route sans ralentir sa marche, ou, si c'est nécessaire, le navire qui se déränge doit ralentir sa marche, stopper, ou faire machine en arrière.

Que s'il en était autrement, chacun des deux vapeurs doit observer les dispositions de l'article 30 ayant trait aux signaux à faire pour passer et à ceux pour éviter tout danger.

**Défense de donner des coups de sifflet inutiles.**

ARTICLE 39. Aucun officier breveté chargé d'un vapeur ne doit autoriser ou permettre de donner des coups de sifflet à vapeur inutiles.

**Signaux de détresse.**

ARTICLE 40. Lorsqu'un navire est en détresse et a besoin du secours d'autres navires, ou de la terre, les signaux suivants doivent être faits par ce navire, soit ensemble, soit séparément, savoir:—

Pendant le jour:—

1. Un coup de canon ou autre signal par explosion, tiré à des intervalles d'environ une minute;
2. Le signal de détresse indiqué par N.C. dans le Code International des signaux;
3. Le signal éloigné, fait à l'aide d'un pavillon carré ayant soit au-dessus soit au-dessous un ballon ou quelque chose ressemblant à un ballon;
4. Un son continu produit par un appareil de signal de brume.

At night—

1. A gun or other explosive fired at intervals of about a minute.
2. Flame from the vessel (as from burning a tar barrel, oil barrel, etc.).
3. Rockets, or shells, throwing stars of any colour or description, fired one at a time, at short intervals.
4. A continuous sounding with any fog-signal apparatus.

### Rules concerning motor boats.

#### PRELIMINARY.

In the following rules the words "motor boat" shall include every vessel propelled by machinery and not more than sixty-five feet in length except tug-boats and tow-boats propelled by steam. The length shall be measured from end to end over the deck excluding sheer.

RULE 41. That motor boats subject to the provision of these rules shall be divided into classes as follows:—

Class one. Less than twenty-six feet in length.

Class two. Twenty-six feet or over and less than forty feet in length.

Class three. Forty feet or over and not more than sixty-five feet in length.

RULE 42. That every motor boat in all weathers from sunset to sunrise shall carry the following lights, and during such time no other lights which may be mistaken for those prescribed shall be exhibited.

(a) Every motor boat of class one shall carry the following lights:—

First. A white light aft to show all around the horizon.

Second. A combined lantern in the fore part of the vessel and lower than the white light aft showing green to starboard and red to port, so fixed as to throw the light from right ahead to two point abaft the beam on their respective sides.

(b) Every motor boat of classes two and three shall carry the following lights:—

First. A bright white light in the fore part of the vessel as near the stem as practicable, so constructed as to show an unbroken light over an arc of the horizon of twenty points of the compass, so fixed as to throw the light ten points on each side of the vessel, namely, from right ahead to two points abaft the beam on either side. The glass or lens shall be of not less than the following dimensions:—

Class two. Nineteen square inches.

Class three. Thirty-one square inches.

Second. A white light aft to show all around the horizon.

Third. On the starboard side a green light so constructed as to show an unbroken light over an arc of the horizon of ten points of the compass, so fixed as to throw the light from right ahead to two points abaft the beam on the starboard side. On the port side a red light so constructed as to show an unbroken light over an arc of the horizon of ten points of the compass so fixed as to throw the light from right ahead to two points abaft the beam on the port side. The glasses or lenses in the said side-lights shall be of not less than the following dimensions on motor boats of—

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Pendant la nuit:—

1. Un coup de canon ou autre signal par explosion, tiré à des intervalles d'environ une minute;
2. Des flammes sur le navire, telles que produites par la combustion d'un baril à goudron ou à huile, etc.;
3. Des fusées ou bombes tirées une à la fois à de courts intervalles, et projetant en l'air des étoiles de couleur ou d'aspect varié;
4. Un son continu produit par un appareil de signal de brume.

### Dispositions concernant les bateaux à moteur.

#### NOTIONS PRÉLIMINAIRES.

Dans les articles suivants du présent règlement l'expression "bateaux à moteur" comprend tout bateau pour la progression duquel on emploie des machines, et qui n'a pas plus de soixante-cinq pieds de longueur. Mais on fait exception pour les remorqueurs dont la vapeur assure la progression. La longueur du bateau doit être mesurée de l'une à l'autre des extrémités sur le pont, dont on ne tiendra pas compte de la tonture.

ARTICLE 41. Les bateaux à moteur que visent les dispositions de ce règlement appartiennent aux catégories suivantes:—

Première catégorie: bateaux de moins de 26 pieds de longueur.

Deuxième catégorie: bateaux de 26 pieds ou plus de longueur et de moins de 40 pieds de longueur.

Troisième catégorie: bateaux de 40 pieds ou plus de longueur mais dont la longueur ne dépasse pas 65 pieds.

ARTICLE 42. Tout bateau à moteur doit par tous les temps depuis le coucher du soleil jusqu'au moment où il se lève, montrer les feux suivants à l'exclusion de tous autres feux pouvant être confondus avec ceux que le règlement prescrit de montrer.

(a) Tout bateau à moteur de la première catégorie doit porter les feux suivants:—

Premièrement: un feu blanc à l'arrière disposé de manière à projeter tout autour de l'horizon une lumière claire.

Deuxièmement: un fanal à combinaison que l'on doit placer à l'avant du bateau, plus bas que le feu blanc de l'arrière et pouvant montrer un feu vert sur tribord et un feu rouge sur bâbord, établi de manière à projeter une lumière ininterrompue verte à tribord depuis l'avant jusqu'à deux quarts sur l'arrière du travers à tribord, et un feu rouge sur bâbord établi de manière à projeter une lumière ininterrompue rouge à bâbord depuis l'avant jusqu'à deux quarts sur l'arrière du travers à bâbord.

(b) Tout bateau à moteur de la deuxième catégorie et de la troisième catégorie, doit porter les feux suivants:—

Premièrement: Un feu blanc brillant à l'avant du bateau et aussi près de l'étrave que possible, disposé de manière à montrer une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de vingt quarts ou rumbes de compas, soit dix quarts de chaque côté du bateau, c'est-à-dire depuis l'avant jusqu'à deux quarts sur l'arrière du travers de chaque bord. Le verre ou la lentille du fanal de ce feu ne doit pas avoir des dimensions inférieures aux suivantes:—

Pour la deuxième catégorie: Dix-neuf pouces carrés.

Pour la troisième catégorie: Trente et un pouces carrés.

Deuxièmement: Un feu blanc à l'arrière disposé de manière à projeter tout autour de l'horizon une lumière claire.

Troisièmement: A tribord, un feu vert établi de manière à projeter une lumière ininterrompue sur tout le parcours d'un arc de l'horizon de dix quarts ou rumbes du compas c'est-à-dire depuis l'avant jusqu'à deux quarts sur l'arrière du travers à tribord. A bâbord un feu rouge établi de manière à projeter une lumière ininterrompue sur

Class two. Sixteen square inches.

Class three. Twenty-five square inches.

On and after March first, nineteen hundred and seventeen, all glasses or lenses prescribed by paragraph (b) of Rule 42 shall be fresnel or fluted. The said lights shall be fitted with inboard screens of sufficient height and so set as to prevent these lights from being seen across the bow and shall be of not less than the following dimensions on motor boats of—

Class two. Eighteen inches long.

Class three. Twenty-four inches long: *Provided*, That motor boats as defined in these Rules, when propelled by sail and machinery or under sail alone, shall carry the coloured lights suitably screened but not the white lights prescribed by this Rule.

RULE 43. (a) Every motor boat under the provisions of these Rules shall be provided with a whistle or other sound-producing mechanical appliance capable of producing a blast of two seconds or more in duration, and in the case of such boats so provided a blast of at least two seconds shall be deemed a prolonged blast within the meaning of these Rules.

(b) Every motor boat of class two or three shall carry an efficient fog-horn.

(c) Every motor boat of class two or three shall be provided with an efficient bell, which shall be not less than eight inches across the mouth, on board of vessels of class three.

Rule 44 repealed by Order in Council of the 29th June, 1916.

RULE 45. The foregoing Rules shall be in full force and effect on and after the first day of March, nineteen hundred and sixteen, and shall supersede all Rules of the Road for the Great Lakes, etc., previously adopted.



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tout le parcours d'un arc de l'horizon de dix quarts ou rumb du compas, c'est-à-dire depuis l'avant jusqu'à deux quarts sur l'arrière du travers à bâbord. Les verres ou lentilles des fanaux de ces feux de côté ne doivent pas avoir des dimensions inférieures aux suivantes sur les bateaux à moteur:—

Deuxième catégorie: Seize pouces carrés.

Troisième catégorie: Vingt-cinq pouces carrés.

Le et après le 1er mars mil neuf cent dix-sept, tous les verres ou lentilles exigés par le paragraphe (b) de l'article 42 devront être du type fresnel ou à cannelures. Les feux susdits doivent être établis sur des boîtes ouvertes ou écrans de hauteur suffisante, et disposés de façon que les feux ne puissent être vus du bossoir opposé. Ils ne doivent pas avoir de dimensions inférieures aux suivantes, savoir, sur les bateaux à moteurs de:—

Deuxième catégorie: Dix-huit pouces de longueur.

Troisième catégorie: Vingt-quatre pouces de longueur. Il est *pourvu* que les bateaux à moteur, tels que définis dans ce règlement, doivent porter des feux de couleurs convenables, avec écrans, mais non les feux blancs prescrits dans cet article, lorsque ces bateaux emploient pour leur progression des voiles et des machines ou seulement des voiles.

ARTICLE 43. (a) D'après les dispositions de ce règlement, chaque bateau à moteur doit être pourvu d'un sifflet ou autre dispositif mécanique pouvant donner des sons de signaux, et à même de donner un son de deux secondes ou plus de durée. Dans le cas des bateaux ainsi pourvus, un son d'au moins deux secondes de durée sera considéré comme un son long, en tant que peuvent le signifier les dispositions de ce règlement.

(b) Tout bateau à moteur de la deuxième catégorie ou de la troisième catégorie, doit porter un cornet à bouquin ne laissant rien à désirer.

(c) Tout bateau à moteur de la deuxième catégorie et de la troisième catégorie, doit être pourvu d'une bonne cloche: qui ne doit pas avoir moins de huit pouces de diamètre à sa partie la plus évasée, lorsque cette cloche se trouve à bord de bateaux appartenant à la troisième catégorie.

ARTICLE 44. Rescindé par un ordre en Conseil du 29 juin 1916. \*

ARTICLE 45. Le présent règlement aura force et effet à partir du 1er mars mil neuf cent seize inclusivement, et il remplacera tout règlement existant antérieurement, pour prévenir les abordages sur les Grands lacs, etc.



STEAM VESSELS

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VAPEURS

ALPHABETICAL List of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.  
 Abbreviations—Abréviations: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Paddle—à aubes; St., Screw—à hélice.  
 © Equipped with Wireless. Muni de la T.S.F. Names of Motor Vessels in *italics*—Les noms des vapeurs à moteurs sont en *italiques*.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths. | Breadth in feet and 10ths. | Depth in feet and 10ths. | Profoundeur en pieds et 10es | Tonnage brut. | Registered Tonnage. | Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.                        | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|------------------------|---------------------------------------|---------------------------|----------------------------|--------------------------|------------------------------|---------------|---------------------|---------------------|--|---|
| 134120       | A. B. B.                        | Vancouver                                   | 1912                   | Steveston, B.C.                       | 35 0                      | 8 8                        | 3 0                      | 11                           | 11            | 7                   | 1 sc.               | Albert B. Bottes, Vancouver, B.C.                              |   |
| 138006       | A. B. Connee.                   | Port Arthur                                 | 1917                   | Port Arthur, Ont.                     | 81 0                      | 20 0                       | 11 8                     | 133                          | 133           | 62                  | 31 sc.              | Russell Timber Co., Ltd., 6 Court St. S., Port Arthur, Ont.    |   |
| 88639        | A. B. Cook.                     | St. Catharines                              | 1885                   | Port Robinson, Ont.                   | 51 4                      | 12 6                       | 6 6                      | 31                           | 33            | 23                  | 13 sc.              | Robert Weddel, Trenton, Ont.                                   |   |
| 130330       | A. B. Sutherland                | Port Arthur                                 | 1902                   | Buffalo, U.S.A.                       | 50 5                      | 10 5                       | 3 8                      | 19                           | 13            | 13                  | 6 sc.               | Andrew Sutherland, Ross Port, Ont.                             |   |
| 94632        | A. C. Greenwood.                | St. Catharines                              | 1888                   | Sand Point, N.S.                      | 11 0                      | 13 7                       | 6 0                      | 15                           | 14            | 4                   | 3 sc.               | Austen Christian, Upper Prospect, N.S.                         |   |
| 97014        | A. D. Cross.                    | St. Catharines                              | 1897                   | Port Colborne, Ont.                   | 49 0                      | 16 0                       | 8 9                      | 47                           | 32            | 11                  | 3 sc.               | John J. Harrigan, Port Dalhousie, Ont.                         |   |
| 129491       | A. E. McKinstry                 | Port Arthur                                 | 1910                   | Port Glasgow, G.B.                    | 250 4                     | 42 7                       | 18 3                     | 1,999                        | 1,999         | 1,190               | 150 sc.             | Can. Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.  |   |
| 116385       | A. F. Bowman.                   | Port Arthur                                 | 1906                   | Collingwood, Ont.                     | 76 0                      | 22 0                       | 12 0                     | 113                          | 77            | 17                  | 52 sc.              | Canadian Towing and Wrecking Co., Ltd., Port Arthur, Ont.      |   |
| 77820        | A. H. Jennie.                   | Toronto                                     | 1882                   | Port Rowan, Ont.                      | 119 0                     | 21 1                       | 9 3                      | 107                          | 121           | 10                  | 30 sc.              | Mrs. Agnes M. Britnell, Toronto, Ont.                          |   |
| 138467       | A. J. Lowe.                     | Sault Ste. Marie                            | 1920                   | Killarney, Ont.                       | 64 5                      | 15 0                       | 7 0                      | 20                           | 14            | 10                  | 30 sc.              | Albert J. Lowe, Killarney, Ont.                                |   |
| 130675       | A. L. Conrad.                   | Lunenburg                                   | 1911                   | Tancook, N.S.                         | 40 4                      | 10 6                       | 5 2                      | 12                           | 11            | 4                   | 3 sc.               | N. McDonald and E. McDonald, Stonehurst, N.S.                  |   |
| 130668       | A. L. Maillet.                  | Richibucto                                  | 1916                   | St. Louis, N.B.                       | 36 0                      | 11 0                       | 5 0                      | 13                           | 11            | 1                   | 1 sc.               | Arthur L. Maillet, St. Louis, N.B.                             |   |
| 100393       | A. M. Petrie.                   | Hamilton                                    | 1892                   | Hamilton, Ont.                        | 50 0                      | 10 0                       | 4 9                      | 20                           | 13            | 1                   | 1 sc.               | James Garrett, Herring Bay, Algoma, Ont.                       |   |
| 120652       | A. R. Hellen.                   | Vancouver                                   | 1909                   | Adams Lake, B.C.                      | 125 5                     | 26 8                       | 4 9                      | 331                          | 269           | 9                   | 9 pa.               | Adams River Lumber Co., Limited, Chase, B.C.                   |   |
| 96873        | A. V. Crawford.                 | Port Stanley                                | 1891                   | Goderich, N.S.                        | 72 0                      | 15 7                       | 7 2                      | 51                           | 35            | 20                  | 30 sc.              | C. S. Boome Dredging and Construction Co., Ltd., Toronto, Ont. |   |
| 138457       | A. B. Longmire.                 | Annapolis Royal                             | 1919                   | Hillsburn, N.S.                       | 81 3                      | 18 7                       | 7 4                      | 65                           | 60            | 13                  | 30 sc.              | Arthur W. Longmire, et al., Hillsburn, N.S.                    |   |
| 90767        | A. Chambers.                    | Goderich                                    | 1888                   | Goderich, Ont.                        | 55 7                      | 14 0                       | 5 2                      | 23                           | 22            | 2                   | 2 pa.               | John McCormick, Tp. of Pelee, Ont.                             |   |
| 130292       | A. Ferguson.                    | Ottawa                                      | 1909                   | Sturcoo, Ont.                         | 42 0                      | 11 0                       | 3 7                      | 19                           | 12            | 1                   | 1 sc.               | Alexander Chutehan, L'Original, Que.                           |   |
| 133941       | A. Lafamme.                     | Ottawa                                      | 1914                   | Châteaufort, Que.                     | 48 0                      | 13 6                       | 2 8                      | 19                           | 14            | 1                   | 1 sc.               | Montreal Transportation Co., Ltd., Montreal, Que.              |   |
| 138491       | A. McVitie.                     | Montreal                                    | 1890                   | Petrol, Mich., U.S.A.                 | 249 2                     | 41 5                       | 14 3                     | 1,458                        | 945           | 109                 | 109 sc.             | Montreal Transportation Co., Ltd., Montreal, Que.              |   |
| 135202       | A. Tremblay.                    | Quebec                                      | 1912                   | Steveston, B.C.                       | 111 5                     | 28 2                       | 10 4                     | 243                          | 147           | 24                  | 24 sc.              | Ulric Tremblay, M.O., Matame, Que.                             |   |
| 131031       | Abeol.                          | Vancouver                                   | 1913                   | Anaciville, B.C.                      | 30 0                      | 9 5                        | 3 1                      | 6                            | 6             | 6                   | 1 sc.               | Henry Curtis Shaw, Vancouver, B.C.                             |   |
| 109259       | Abeol.                          | New Westminster.                            | 1894                   | Westport, Ont.                        | 39 0                      | 9 2                        | 4 4                      | 10                           | 6             | 1                   | 1 sc.               | Jens Gunderson, New Westminster, B.C.                          |   |
| 130559       | Aberdeen.                       | Montreal                                    | 1895                   | Quebec, Que.                          | 31 0                      | 8 3                        | 4 2                      | 13                           | 9             | 5                   | 43 sc.              | Harbour Commissioners, Montreal, Que.                          |   |
| 109224       | Aberdeen.                       | Montreal                                    | 1894                   | Paslay, G.B.                          | 189 0                     | 31 1                       | 10 9                     | 674                          | 274           | 240                 | 300 sc.             | The Minister of Marine and Fisheries, Ottawa, Ont.             |   |
| 97007        | Abino.                          | St. Catharines                              | 1894                   | Port Erie, Ont.                       | 41 3                      | 10 3                       | 3 8                      | 10                           | 7             | 3                   | 7 sc.               | Chas. Williams and Arch. B. Kieckup, Sargeon Falls, Ont.       |   |
| 100395       | Acadia.                         | Montreal                                    | 1887                   | Hamilton, Ont.                        | 92 4                      | 19 4                       | 6 6                      | 107                          | 73            | 17                  | 30 sc.              | Walden Sugar Co., Ltd., Walden, Ont.                           |   |
| 102488       | Acadia.                         | Montreal                                    | 1892                   | St. Catharines                        | 172 0                     | 33 7                       | 12 4                     | 439                          | 339           | 177                 | 31 sc.              | Hugh Debeny & Co., Ltd., 231 McGill St., Montreal, Que.        |   |
| 133525       | Acadia.                         | Lunenburg                                   | 1912                   | Newcastle-on-Syde, G.B.               | 143 8                     | 33 7                       | 15 1                     | 84                           | 11            | 2                   | 2 sc.               | The Minister of the Naval Service, Ottawa, Ont.                |   |
| 124078       | Adriatic.                       | Vancouver                                   | 1912                   | Lunenburg, N.S.                       | 160 0                     | 35 0                       | 16 4                     | 192                          | 142           | 43                  | 43 sc.              | Collec. D. and Hypolito D. Bourgeois, Eastern Harbour, N.S.    |   |
| 141320       | Adriatic.                       | Vancouver                                   | 1916                   | Vancouver, B.C.                       | 166 0                     | 22 7                       | 15 3                     | 206                          | 142           | 43                  | 43 sc.              | Gleaves Law Boat Co., Ltd., Vancouver, B.C.                    |   |
| 111652       | Adriatic.                       | Montreal                                    | 1894                   | Poughkeepsie, N. Y., U.S.             | 31 2                      | 9 3                        | 4 1                      | 11                           | 8             | 4                   | 4 sc.               | Mrs. Kin Ramsden, Montreal, Que.                               |   |

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| 122301 | Active.         | 1907 | Lanenburg, N.S.              | 53 8  | 16 4 | 7 6  | 35    | 34    | 1 sc.     | Arthur E. Moore, Rose Blanche, Nfld.  |
|--------|-----------------|------|------------------------------|-------|------|------|-------|-------|-----------|---|
| 1889   | Active.         | 1889 | New Westminster, B.C.        | 116 0 | 20 7 | 10 3 | 172   | 119   | 30 sc.    | Canadian Tugboat Co., Ltd., Vancouver, B.C.   |
| 100377 | Activity        | 1892 | Levis, Que.                  | 44 6  | 12 5 | 5 2  | 272   | 9     | 25 sc.    | E. A. D. Morgan, Montreal, Que.   |
| 138026 | Actress         | 1910 | French Portage, Ont.         | 34 0  | 6 3  | 3 5  | 4     | 8     | 1 sc.     | William H. Bouclia, Kenora, Ont.  |
| 88665  | Ada.            | 1884 | Chatham, N.B.                | 32 0  | 6 3  | 3 0  | 4     | 2     | 5 sc.     | The Saint John River Log Driving Co., Devon, N.B.                                       |
| 75642  | Ada Alice.      | 1879 | Port Dalhousie, Ont.         | 96 5  | 13 2 | 4 0  | 60    | 41    | 14 sc.    | James W. Vance, Spanish, Ont.   |
| 134198 | Adaline V.      | 1913 | Spanish, Ont.                | 54 0  | 13 4 | 6 8  | 40    | 27    | 10 sc.    | Bellevue & Co., Ltd., Vancouver, B.C.   |
| 22332  | Adam.           | 1907 | Vancouver, B.C.              | 45 0  | 12 0 | 5 7  | 24    | 16    | 5 sc.     | H. Thomas and Herman Covey, Indian Harbour, N.S.  |
| 130652 | Adaminine.      | 1912 | Beckett's Cove, N.S.         | 40 3  | 10 4 | 5 4  | 11    | 10    | 1 sc.     | John H. Devey, Calfield, B.C.   |
| 134430 | Adelaide.       | 1915 | Calfield, B.C.               | 36 2  | 8 5  | 3 6  | 9     | 12    | 2 sc.     | J. Francis Gray, M.O., Fenmar, N.S.   |
| 116226 | Adelaide.       | 1905 | Lanenburg, N.S.              | 35 5  | 11 7 | 5 5  | 13    | 16    | 1 sc.     | St. Maurice Paper Co., Ltd., Montreal, Que.   |
| 130538 | Adelina S.      | 1911 | St. Gabriel de Brandon, Que. | 51 0  | 11 3 | 3 2  | 19    | 13    | 1 sc.     | The Hamkinson Shipping Co., Ltd., et al., Bellevue's Cove, N.S.                         |
| 141225 | Adeliza D.      | 1919 | Bellevue's Cove, N.S.        | 73 0  | 20 9 | 10 0 | 69    | 58    | 2 1/2 sc. | S. C. Murray, Albert, N.B., N. R. Tupper, Scotch Bay, N.S.                              |
| 100350 | Adella.         | 1903 | Minersville, N.S.            | 63 8  | 20 3 | 8 1  | 63    | 57    | 1 sc.     | Albert Austin, Vancouver, B.C.  |
| 130694 | Adelphi.        | 1911 | Vancouver, B.C.              | 37 7  | 11 2 | 5 5  | 3     | 3     | 3 sc.     | St. Maurice Construction Co., Ltd., Montreal, Que.                                      |
| 126739 | Adine.          | 1909 | Bath, Me., U.S.A.            | 32 0  | 8 3  | 3 2  | 5     | 39    | 2 sc.     | Alex. Wilson et al., J.O., Miramont River, N.B.   |
| 138060 | Admiral Beatty. | 1916 | Chatham, N.B.                | 63 0  | 18 4 | 8 0  | 31    | 3     | 2 sc.     | Edward Cole, Depresser, N.B., Ketch Harbour, N.S.                                       |
| 107973 | Admiral Topo.   | 1905 | Port Greenville, N.S.        | 28 9  | 9 0  | 3 6  | 4     | 18    | 1 sc.     | Charles and Daniel Fleming, Ketch Harbour, N.S.   |
| 133802 | Adonia S.       | 1913 | Panook, N.S.                 | 49 8  | 12 4 | 9 0  | 19    | 16    | 2 sc.     | Robert J. G. Malouf, Slewate, B.C.  |
| 123235 | Adornat.        | 1907 | Vancouver, B.C.              | 24 3  | 8 3  | 3 6  | 90    | 14    | 1 sc.     | Edward J. Gannon, Toronto, Ont.   |
| 90702  | Adrolexa        | 1886 | Port Robinson, Ont.          | 17 0  | 4 3  | 1 0  | 358   | 117   | 11 sc.    | Montreal Transport, Ltd., Port, Montreal, Que.  |
| 88632  | Advocate.       | 1884 | St. Catharines, Ont.         | 73 4  | 19 8 | 3 0  | 61    | 59    | 3 sc.     | Thomas H. Goldie, New Westminster, B.C.   |
| 128118 | Advocate.       | 1909 | Lanenburg, N.S.              | 98 0  | 25 3 | 3 8  | 3     | 7     | 1 sc.     | H. J. Anderson, New Westminster, B.C.   |
| 171914 | Alton.          | 1906 | New Westminster, B.C.        | 40 5  | 8 1  | 3 8  | 10    | 2     | 1 sc.     | The Algona Central and Hudson Bay Ry. Co., Sault Ste. Marie, Ont.                       |
| 133117 | Alton.          | 1916 | Port Guelchon, B.C.          | 40 5  | 8 1  | 3 8  | 10    | 2     | 1 sc.     | The Algona Central and Hudson Bay Ry. Co., Sault Ste. Marie, Ont.                       |
| 111807 | Agawa.          | 1902 | Collingwood, Ont.            | 379 0 | 46 0 | 25 0 | 3,759 | 2,468 | 151 sc.   | The Algona Central and Hudson Bay Ry. Co., Sault Ste. Marie, Ont.                       |
| 85225  | Agnes.          | 1884 | Meaford, Ont.                | 50 0  | 13 7 | 6 0  | 23    | 16    | 30 sc.    | W. W. Grant and Wm. Vance, Spanish River, Ont.  |
| 116777 | Agnes.          | 1914 | Ladners, B.C.                | 26 0  | 6 6  | 2 4  | 3     | 2     | 4 sc.     | Harry Abbott, Vancouver, B.C.   |
| 133176 | Agnes B.        | 1913 | Ketchikan, Alaska, U.S.A.    | 33 2  | 10 8 | 4 4  | 11    | 10    | 1 sc.     | A. V. Gudmundsson, Prince Rupert, B.C.  |
| 138237 | Agnes C. R.     | 1913 | Tanook, N.S.                 | 55 8  | 13 4 | 5 4  | 11    | 10    | 1 sc.     | Robt. Rufus, Bradford, N.S.   |
| 131138 | Agnes H.        | 1913 | Buckingham, Que.             | 55 8  | 13 4 | 5 6  | 32    | 18    | 5 sc.     | The Minister of Railways and Canals, Ottawa, Ont.                                       |
| 37110  | Agnes H.        | 1904 | Errie, P.E., U.S.A.          | 47 0  | 12 0 | 3 9  | 10    | 7     | 1 sc.     | Carl Williams, Port Burwell, Ont.   |
| 134060 | Agnes H. Dods.  | 1914 | Victoria, B.C.               | 37 4  | 9 3  | 5 6  | 12    | 8     | 1 sc.     | Walter A. Dods, Victoria, B.C.  |
| 111732 | Agwinda.        | 1906 | Kenora, Ont.                 | 105 0 | 22 5 | 4 0  | 307   | 143   | 6 sc.     | Lawrence Budreau, Rainy River, Ont.   |
| 108672 | Ahnic.          | 1893 | Gaythurs, Ont.               | 80 4  | 15 0 | 4 6  | 77    | 52    | 11 sc.    | The Muskoka Lakes Navigation and Hotel Co., Ltd., Gravenhurst, Ont.                     |
| 97047  | Aid.            | 1891 | Liverpool, N.S.              | 79 2  | 24 4 | 7 5  | 99    | 67    | 130 sc.   | Alfred Dickie, Lower Stewiacke, N.S.  |
| 135092 | Aid.            | 1915 | Montreal, Que.               | 60 0  | 17 0 | 4 8  | 45    | 26    | 3 pa.     | W. C. Edwards & Co., Ltd., Ottawa, Ont.   |
| 134298 | Aida.           | 1914 | Montreal, Que.               | 38 0  | 8 6  | 6 3  | 10    | 7     | 1 sc.     | Thomas D. McGregor, Montreal, Que.  |
| 126764 | Aida.           | 1909 | Chiswick, Eng.               | 21 2  | 5 6  | 2 4  | 2     | 1     | 1 sc.     | Fred. L. Barlow, Montreal, Que.   |
| 141817 | Aida H.         | 1911 | Vancouver, B.C.              | 23 5  | 8 0  | 4 0  | 5     | 4     | 1 sc.     | John H. Willard, Vancouver, B.C.  |
| 129237 | Aida Craig.     | 1907 | Vancouver, B.C.              | 27 0  | 8 5  | 3 2  | 6     | 4     | 1 sc.     | Pitt River Lumber Co., Ltd., Coquitlam, B.C.  |
| 137953 | Aidos.          | 1915 | Vancouver, B.C.              | 24 8  | 8 5  | 3 2  | 6     | 4     | 1 sc.     | S. D. Skoolarmas and Andrew Fuller, J.O., Vancouver, B.C.                               |
| 126782 | Aix.            | 1910 | Port Essington, B.C.         | 41 0  | 9 6  | 3 5  | 13    | 9     | 2 sc.     | Harry E. Troop, Gabriola Island, B.C.   |
| 111985 | Aixax.          | 1902 | Bohayaigon, Ont.             | 54 0  | 14 6 | 6 1  | 33    | 23    | 50 sc.    | W. F. C. Boyd, M.O., Bohayaigon, Ont.   |
| 134412 | Aksia.          | 1914 | Vancouver, B.C.              | 35 0  | 8 3  | 3 4  | 7     | 5     | 1 sc.     | Thomas H. Watts, Prince Rupert, B.C.  |
| 138614 | Albala.         | 1917 | Isaac's Harbour, N.S.        | 69 0  | 16 4 | 6 0  | 25    | 16    | 2 sc.     | Archib. W. Picott, St. John's, Nfld.  |
| 138297 | Albasha.        | 1916 | Jedediah Isl., B.C.          | 45 0  | 11 3 | 5 5  | 23    | 13    | 3 sc.     | Walter H. Lawrence, Vancouver, B.C.   |
| 134410 | Albani.         | 1915 | Beckett's Cove, N.S.         | 39 8  | 10 6 | 5 6  | 14    | 13    | 3 sc.     | Edward Gallagher, Ketch Harbour, N.S.   |
| 122346 | Albanine.       | 1907 | Byng Inlet, Ont.             | 29 0  | 9 0  | 3 3  | 6     | 4     | 1 sc.     | William H. Argue, Perry Sound, Ont.   |
| 126088 | Albano.         | 1908 | Vancouver, B.C.              | 33 9  | 10 1 | 5 2  | 5     | 45    | 12 sc.    | The Chief Commissioner of Lands, Victoria, B.C.   |
| 107673 | Alaska.         | 1899 | St. Nicholas, Que.           | 75 4  | 21 7 | 5 3  | 15    | 10    | 12 sc.    | Compagnie Maritime et Commerciale du Bas St. Laurent, Ltée., Ellis Bay, Anticosti, Que. |
| 130445 | Alaskan.        | 1886 | Orestia, Ore., U.S.A.        | 96 5  | 19 0 | 7 1  | 150   | 102   | 13 sc.    | Pacific Salvage Co., Ltd., Victoria, B.C.   |

\*Foreign name "Neptune".

\*Formerly "Sir J. S. Tilley".

\*Formerly a sailing vessel.

\*Formerly "Capt. Hemus".

ALPHABETICAL List of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—Abréviations: **J.O.**, Joint Owners, propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **P.a.**, Paddle, à avoies; **S.c.**, Screw, à hélice.  
 © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of ship.<br>Nom du navire. | Port or Registry.<br>Port d'enregistrement. | Built<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10ths. | Breadth in feet and 10ths.<br>Largeur en pieds et 10ths. | Depth in feet and 10ths.<br>Profondeur en pieds et 10ths. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en cv. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|-----------------------|---------------------------------------|--|--|---|---------------------------------|--|---|---|
| 134332       | <i>Albarrac</i>                 | Quebec                                      | 1914                  | Boston, Mass., U.S.A.                 | 95.6   | 16.3   | 9.2   | 96                              | 56   | 16 sc.  | Sir William Price, Quebec, Que.   |
| 100622       | Albani                          | Port Dover                                  | 1892                  | Stamton, Ont.                         | 36.3   | 7.6  | 3.5   | 5                               | 4  | 1 sc.   | Wm. Davis, Toronto, Ont.  |
| 133631       | Albatross                       | Ottawa                                      | 1910                  | Bristol, E.I., U.S.A.                 | 60.2   | 9.2  | 5.1   | 19                              | 13   | 5.8 sc.   | Robert C. Henderson, St. John, N.B.   |
| 126886       | <i>Alberdyce</i>                | Vancouver                                   | 1911                  | Vancouver, B.C.                       | 50.0   | 12.0   | 6.1   | 28                              | 19   | 4.8 sc.   | Morrill DesBrisay, Vancouver, B.C.  |
| 126855       | Albert C.                       | Sorel                                       | 1911                  | Three Rivers, Que.                    | 43.5   | 12.0   | 4.2   | 17                              | 10   | 3.8 sc.   | St. Lawrence Welding Co., Ltd., Montreal, Que.  |
| 111932       | Albert Lea                      | New Westminster                             | 1888                  | Jig Harbour, Wash., U.S.A.            | 42.8   | 8.8  | 4.9   | 19                              | 13   | 2.8 sc.   | Wallace Fisheries, Ltd., Vancouver, B.C.  |
| 116942       | <i>Alberta</i>                  | Kenora                                      | 1904                  | Kenora, Ont.                          | 20.0   | 5.0  | 2.0   | 2                               | 1  | 1 sc.   | D. L. Mather, Kenora, Ont.  |
| 85765        | Alberta                         | Montreal                                    | (1883)                | Whitcomb, G.B.                        | 309.7  | 38.2   | 23.3  | 2,829                           | 2,377                                      | 166 sc.   | Canadian Pacific Railway Co., Montreal, Que.  |
| 116370       | Alberta M.                      | Godorich                                    | 1907                  | Godorich, Ont.                        | 69.3   | 15.0   | 6.5   | 38                              | 26   | 101 sc.   | Wm. John Keen and Joseph Millman, Blind River, Ont.                                   |
| 122650       | Albedo                          | Vancouver                                   | 1905                  | Ballard, Wash., U.S.A.                | 69.7   | 16.8   | 7.6   | 70                              | 47   | 16 sc.  | Walter C. Brewer, Vancouver, B.C.   |
| 112043       | Alcyon                          | Quebec                                      | 1901                  | Ste. Anne de Chicoutimi, Que.         | 63.4   | 13.9   | 4.5   | 44                              | 30   | 4 sc.   | E. Gagnon, Ste. Anne de Chicoutimi, Que.  |
| 100096       | Acyone                          | St. John, N.B.                              | 1892                  | St. John, N.B.                        | 37.6   | 9.1  | 4.3   | 15                              | 10   | 30 sc.  | Henry Eagle, Chatham, N.B.  |
| 97393        | <i>Adami</i>                    | Vancouver                                   | 1911                  | Vancouver, B.C.                       | 28.0   | 7.0  | 3.3   | 5                               | 3  | 1 sc.   | Edward Clapham, Point Grey, B.C.  |
| 133857       | Admiral                         | Vancouver                                   | 1907                  | Everett, Wash., U.S.A.                | 49.3   | 9.7  | 2.3   | 14                              | 9  | 2 sc.   | Chester M. Pascoe, Vancouver, B.C.  |
| 116882       | Adri                            | Ottawa                                      | 1904                  | Trenseigne, Que.                      | 68.3   | 12.4   | 5.2   | 53                              | 26   | 10 sc.  | Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                                      |
| 92421        | Adri                            | Prescott                                    | 1886                  | Morrisburg, Ont.                      | 64.0   | 14.4   | 5.0   | 47                              | 32   | 9 sc.   | The Minister of Railways and Canals, Ottawa, Ont.                                     |
| 90499        | Adri                            | St. Catharines                              | 1886                  | Port Robinson, Ont.                   | 58.4   | 15.1   | 7.2   | 50                              | 32   | 28 sc.  | Montreal Transportation Co., Ltd., Montreal, Que.                                     |
| 141193       | <i>Adria W</i>                  | Vancouver                                   | 1918                  | Vancouver, B.C.                       | 34.4   | 10.2   | 4.8   | 14                              | 10   | 13 sc.  | John W. Clappell, Vancouver, B.C.   |
| 96898        | Alexander Fraser                | Ottawa                                      | 1890                  | Pembroke, Ont.                        | 140.0  | 41.0   | 7.5   | 320                             | 174  | 23 pa.  | Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                                      |
| 121513       | Alexandra                       | Chatham, N.B.                               | 1902                  | Chatham, N.B.                         | 97.0   | 24.6   | 9.0   | 201                             | 136  | 38 sc.  | Miramichi Steam Navigation Co., Chatham, N.B.   |
| 116340       | Alexandra                       | Ottawa                                      | 1905                  | St. Joseph, Que.                      | 148.0  | 45.4   | 8.1   | 417                             | 280  | 96 pa.  | W. N. McDonald, Sydney, N.S.  |
| 100590       | Alexandra                       | Sydney, N.S.                                | 1889                  | Sorel, Que.                           | 79.2   | 13.8   | 4.2   | 34                              | 23   | 12 sc.  | Robt. Spencer, Port Morien, N.S.  |
| 107280       | Alexandra                       | Montreal                                    | 1902                  | Port Morien, N.S.                     | 44.2   | 10.4   | 4.8   | 14                              | 10   | 12 sc.  | Caston Lavigne, Montreal, Que.  |
| 138225       | <i>Alezandra I</i>              | London                                      | 1904                  | Lansing, Que.                         | 26.6   | 5.7  | 2.2   | 2                               | 2  | 1 sc.   | A. L. Davis, Peterborough, Ont.   |
| 111937       | Alfred                          | London                                      | 1895                  | Lansing, Que.                         | 48.5   | 19.0   | 4.6   | 89                              | 61   | 35 pa.  | The Pelce & Lake Erie Navigation Co., Ltd., Pelee Island, Ont.                        |
| 126193       | Alfred Clarke                   | Windsor, Ont                                | 1887                  | Saugateck, Mich., U.S.A.              | 110.0  | 22.2   | 8.6   | 239                             | 148  | 10 sc.  | Louis A. Leblanc, M.O., Tusket Wedge, N.S.  |
| 126578       | Alfred                          | Yarmouth                                    | 1907                  | Tusket Wedge, N.S.                    | 44.0   | 12.2   | 6.0   | 15                              | 10   | 6 sc.   | Pacific Salvage Co., Ltd., Victoria, B.C.   |
| 141145       | Alfrede                         | Victoria                                    | 1895                  | Devonport, Eng.                       | 188.8  | 32.5   | 14.6  | 592                             | 302  | 104 sc.   | The Rent Portage Lumber Co., Ltd., St. Boniface, Man.                                 |
| 116697       | Algebra                         | Kenora                                      | 1904                  | Fort Frances, Ont.                    | 56.0   | 14.0   | 5.5   | 69                              | 47   | 3 sc.   | Chas. W. Archer, Bracebridge, Ont.  |
| 111763       | Algora                          | Kingston                                    | 1901                  | Kingston, Ont.                        | 30.6   | 8.4  | 3.4   | 5                               | 3  | 10 sc.  | International Transit Co., Sault Ste. Marie, Ont.                                     |
| 111893       | Algora                          | Sault Ste. Marie                            | 1901                  | Toronto, Ont.                         | 104.0  | 26.3   | 11.0  | 157                             | 107  | 54 sc.  | International Transit Co., Sault Ste. Marie, Ont.                                     |

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| 122076 | Algonquin.....       | Toronto.....            | Huntsville, Ont.....        | 120 0 | 23 8 | 6 5  | 305 | 200 | 32 sc.... | The Huntsville, Lake of Bays & Lake Simcoe Navigation Co., Ltd., Huntsville, Ont. |
|--------|----------------------|-------------------------|-----------------------------|-------|------|------|-----|-----|-----------|---|
| 103236 | Alice.....           | Ottawa.....             | Sorel, Que.....             | 70 7  | 17 5 | 7 6  | 47  | 46  | 15 sc.... | The Minister of Railways and Canals, Ottawa, Ont.                                 |
| 115862 | Alice.....           | Kippewa, Que.....       | Toronto, Ont.....           | 70 8  | 13 4 | 5 0  | 68  | 34  | 10 sc.... | J. R. Booth, Ottawa, Ont.   |
| 122260 | Alice.....           | Quebec.....             | Portland, Ore., U.S.A.....  | 125 5 | 25 8 | 10 8 | 403 | 289 | 54 sc.... | The Minister of Agriculture, Ottawa, Ont.   |
| 117001 | Alice A.....         | New Westminster.....    | Dockton, Wash., U.S.A.....  | 38 0  | 7 6  | 2 6  | 9   | 6   | 1 sc....  | A. A. Price and G. R. Cross, Gibson's Landing, B.C.                               |
| 138122 | Alice C.....         |                         |                             | 37 0  | 12 0 | 4 0  | 13  | 9   | 1 sc....  | Gosse-Millard Packing Co. Ltd., 597 Hastings St. W., Vancouver, B.C.              |
| 107169 | Alice G.....         | Collingswood, Ont.....  | Collingswood, Ont.....      | 60 0  | 12 0 | 6 3  | 36  | 25  | 5 sc....  | Edward Parks, Menford, Ont.   |
| 138562 | Alice Hilda.....     | Shelburne, N.S.....     | Puabico, N.S.....           | 47 6  | 12 2 | 5 9  | 16  | 14  | 13 sc.... | Daniel B. Kenney, Westport, N.S.  |
| 133786 | Alice J.....         | St. Andrews.....        | Wilson's Beach, N.B.....    | 84 0  | 13 0 | 5 6  | 19  | 13  | 1 sc....  | Connors Bros., Ltd., et al., Blacks Harbour, N.B.                                 |
| 160241 | Alice L. Smith.....  | Halifax.....            | Montreal, Que.....          | 47 0  | 19 2 | 10 0 | 98  | 50  | 24 sc.... | Alex. Smith, Dartmouth, N.S.  |
| 126019 | Alice Longmire.....  | Annapolis Royal.....    | Hillsboro, N.S.....         | 61 5  | 15 5 | 6 4  | 34  | 32  | 8 sc....  | Hulbert P. Bavers, Westport, N.S.   |
| 116857 | Alice M.....         | Arichat.....            | Puabico, N.S.....           | 50 0  | 16 0 | 7 0  | 30  | 25  | 5 sc....  | Philip E. Lake, Fortuna, Nfld.  |
| 130578 | Alice M. C.....      | Lunenburg.....          | Indian Harbour, N.S.....    | 38 0  | 10 6 | 5 4  | 12  | 11  | 1 sc....  | A. P. Simson, River Bourgeois, N.S.   |
| 116659 | Alice Maud.....      | Yarmouth.....           | Shelburne, N.S.....         | 65 0  | 14 3 | 6 6  | 45  | 30  | 16 sc.... | Hilaire T. Le Blanc, Westport, N.S.   |
| 138068 | Alice Nevada.....    | Barrington Passage..... | Clark's Harbour, N.S.....   | 33 0  | 9 2  | 4 6  | 11  | 10  | 1 sc....  | Mrs. Ruth W. Kenney, Clark's Harbour, N.S.  |
| 126290 | Alice Rena.....      | St. John, N.B.....      | The Range, N.B.....         | 64 7  | 18 0 | 7 5  | 75  | 51  | 40 sc.... | Miss Alma F. Gregory, St. John, N.B.  |
| 134104 | Alice (The).....     | Weymouth.....           | Kanloops, B.C.....          | 52 2  | 11 5 | 3 0  | 20  | 13  | 3 pa....  | C. M. and A. R. Hicks, Westport, N.S.   |
| 141026 | Alford Bay.....      | Vancouver.....          | Vancouver, B.C.....         | 67 6  | 17 3 | 6 9  | 60  | 35  | 4 pa....  | Northern Construction Co., Ltd., Winnipeg, Man.                                   |
| 100757 | Allan Sewell.....    | Toronto.....            | Pine Lake, Ont.....         | 31 0  | 11 5 | 3 4  | 6   | 4   | 25 pa.... | Maritime Fisheries, Ltd., Vancouver, B.C.   |
| 141222 | Allan Sewell.....    | St. John, N.B.....      | Maugerville, N.B.....       | 42 2  | 8 2  | 4 1  | 12  | 8   | 4 sc....  | F. Baker, Barrie, Ont.  |
| 167206 | Alma.....            | Vancouver.....          | Vancouver, B.C.....         | 35 0  | 10 2 | 5 7  | 14  | 9   | 13 sc.... | Geo. F. Allen and N. C. Barry, Vancouver, B.C.                                    |
| 107367 | Alma May.....        | Toronto.....            | Walker's Point, Ont.....    | 47 5  | 7 6  | 3 1  | 16  | 11  | 2 sc....  | Walter Fowler, Medina, Muskoka, Ont.  |
| 141217 | Almay.....           | Vancouver.....          | Vancouver, B.C.....         | 25 9  | 7 6  | 3 6  | 6   | 4   | 3 sc....  | Raymond H. Rawn, Vancouver, B.C.  |
| 133774 | Alma No. 1.....      | Prince Rupert.....      | Ballard, Wash., U.S.A.....  | 44 3  | 12 4 | 5 0  | 18  | 9   | 2 sc....  | Geo. W. Nickerson, et al., Prince Rupert, B.C.                                    |
| 137970 | Alma.....            | Montreal.....           | Montreal, Que.....          | 35 5  | 9 9  | 4 4  | 15  | 10  | 3 sc....  | Joseph Vian, Montreal, Que.   |
| 112274 | Alma.....            | Montreal.....           | Sorel, Que.....             | 54 7  | 12 3 | 6 0  | 43  | 29  | 3 sc....  | Arch. McGougan and H. J. MacDonald, J.O., Vancouver, B.C.                         |
| 122415 | Alma C.....          | Midland, Ont.....       | Midland, Ont.....           | 60 0  | 8 2  | 3 2  | 19  | 13  | 1 sc....  | Henry Miller, Essocon Point, N.S.   |
| 131104 | Alma M.....          | Lunenburg.....          | Tancook, N.S.....           | 43 6  | 10 8 | 6 6  | 16  | 13  | 1 sc....  | B. A. C. Caldwell, Perth, Ont.  |
| 141480 | Alouette II.....     | Montreal.....           | Brookville, Ont.....        | 30 4  | 6 1  | 2 5  | 3   | 2   | 1 sc....  | Young Man's Christian Association, Winnipeg, Man.                                 |
| 116945 | Alpha.....           | Kenora.....             | Winnipeg, Man.....          | 30 0  | 6 2  | 3 2  | 2   | 2   | 3 sc....  | Lachance, Limfite, Quebec, Que.   |
| 122603 | Alpha.....           | Kenora.....             | Hamilton, Ont.....          | 23 0  | 6 3  | 3 8  | 2   | 2   | 3 sc....  | John Alexander-Johnston, Ignace, Ont.   |
| 114495 | Alpha.....           | Quebec.....             | Lévis, Que.....             | 47 5  | 12 2 | 4 6  | 20  | 19  | 12 sc.... | Leckner, Limfite, Quebec, Que.  |
| 122047 | Alpha.....           | St. Andrews.....        | St. Andrews, N.B.....       | 43 0  | 12 0 | 4 9  | 15  | 10  | 1 sc....  | Connors Bros., Ltd., Blacks Harbour, N.B.   |
| 116802 | Alphonse Racine..... | Montreal.....           | Sorel, Que.....             | 79 2  | 13 6 | 10 1 | 121 | 68  | 42 sc.... | Wm. Smith, Hamilton, Bermuda, B.W.I.  |
| 130314 | Alpoorto.....        | Toronto.....            | Gravenhurst, Ont.....       | 85 1  | 13 9 | 5 9  | 101 | 79  | 7 sc....  | Fred Mills Monck, Muskoka, Ont.   |
| 133771 | Alvar.....           | Victoria.....           | Victoria, B.C.....          | 51 0  | 8 2  | 2 2  | 97  | 92  | 3 sc....  | Henry B. Mount, Toronto, B.C.   |
| 130280 | Alva B.....          | Ottawa.....             | Ottawa, Ont.....            | 50 9  | 13 2 | 4 6  | 57  | 32  | 17 sc.... | The Minister of Public Works, Ottawa, Ont.  |
| 116819 | Alva W.....          | Amherstburg.....        | Ashabula, O., U.S.A.....    | 62 7  | 13 8 | 6 9  | 39  | 27  | 10 sc.... | Ames S. Jones, Port Maitland, Ont.  |
| 137925 | Alvan.....           | St. Louis, N.B.....     | Collingswood, Ont.....      | 95 0  | 16 0 | 6 9  | 39  | 27  | 10 sc.... | A. S. Brown, Kingsville, Ont.   |
| 130960 | Alvan S.....         | Gaspé.....              | Tancook, N.S.....           | 55 9  | 10 3 | 4 5  | 20  | 14  | 4 sc....  | Frederic Roby, Esquimaux, N.B.  |
| 59929  | Amanda.....          | Quebec.....             | Island of Orleans, Que..... | 35 2  | 14 6 | 7 6  | 29  | 27  | 10 sc.... | Harris F. Callahan, Gaspé, Que.   |
| 121844 | Ananda.....          | Toronto.....            | Alumic Harbour, Ont.....    | 36 0  | 7 0  | 5 0  | 11  | 4   | 2 sc....  | William Stewart, Tp. of Croft, Dist. Muskoka, Ont.                                |
| 126089 | Anapah.....          | Montreal.....           | Hamilton, Ont.....          | 91 2  | 16 9 | 5 2  | 26  | 18  | 1 sc....  | William Chinn, Tp. of Croft, Dist. Muskoka, Ont.                                  |
| 138002 | Anbarosa.....        | New Westminster.....    | Seveston, B.C.....          | 51 2  | 9 8  | 7 9  | 15  | 11  | 1 sc....  | Harold K. Nielsen, Seveston, B.C.   |
| 126505 | Anella C.....        | Victoria.....           | Kelowna, B.C.....           | 53 0  | 8 0  | 5 2  | 4   | 3   | 1 sc....  | John T. Campbell, Kelowna, B.C.   |
| 130271 | Anella Mae.....      | Winnipeg.....           | Winnipeg, Man.....          | 153 2 | 37 0 | 7 0  | 65  | 44  | 20 pa.... | Clan Yacht Ice Co., Ltd., Winnipeg, Man.  |
| 100662 | America.....         | Kingston, Ont.....      | Kingston, Ont.....          | 34 0  | 13 2 | 5 4  | 12  | 11  | 1 sc....  | Canada Steamship Lines Limited, Montreal, Que.                                    |
| 122519 | America.....         | Liverpool.....          | Stony Is., N.S.....         | 113 0 | 18 5 | 7 5  | 138 | 94  | 66 sc.... | Andrew H. Fredrik, Brooklyn, N.S.   |
| 138142 | Antherst.....        | Charlottetown.....      | Fresno, G.B.....            | 113 0 | 18 5 | 10 5 | 138 | 94  | 66 sc.... | Gulf Pulp & Paper Co., Quebec, Que.   |
| 122215 | Anisk.....           | Winnipeg.....           | Selkirk, Man.....           | 64 0  | 13 0 | 4 5  | 32  | 21  | 2 sc....  | Riverton Fish Co., Ltd., Winnipeg, Man.   |
| 120575 | Amita.....           | Montreal.....           | Tretusville, Que.....       | 29 0  | 8 2  | 5 6  | 9   | 6   | 2 sc....  | George T. Harris, Montreal, Que.  |

<sup>1</sup> Formerly "North." <sup>2</sup> Formerly "Richelieu." <sup>3</sup> Formerly "Lady Glover." <sup>4</sup> Foreign name "Saugateck." <sup>5</sup> Formerly "Little Miss."

<sup>6</sup> Formerly a sailing vessel. <sup>7</sup> Formerly a sailing vessel. <sup>8</sup> Foreign name "Yukon."

ALPHABETICAL LIST OF Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations: **J.O.**, Joint Owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.   
 © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in Italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Cons-<br>truction | Where Built.<br>Lieu de construction. | Length in feet and 10ths. | Breadth in feet and 10ths. | Depth in feet and 10ths. | Gross Tonnage. | Registered Tonnage. | Tonnage enregistre. | H.P. of Engines and Mode of Propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|-----------------------------|---------------------------------------|---------------------------|----------------------------|--------------------------|----------------|---------------------|---------------------|---|---|
| 130517       | <i>Amos B.</i>                  | Weymouth                                    | 1915                        | Grosses Coques, N.S.                  | 46 6                      | 12 2                       | 5 6                      | 14             | 12                  | 12                  | 3 sc.                                   | Frank K. Warren, Halifax, N.S.  |
| 112121       | <i>Amphitrite</i>               | Lanenburg                                   | 1903                        | Malone Bay, N.S.                      | 110 0                     | 26 6                       | 11 8                     | 252            | 114                 | 114                 | 24 sc.                                  | Larder Brothers Wrecking Co., Ltd., Halifax, N.S.                                     |
| 135721       | <i>Amudsen</i>                  | New Westminster                             | 1917                        | New Westminster, B.C.                 | 29 6                      | 6 9                        | 3 3                      | 5              | 3                   | 3                   | 1 sc.                                   | Christ Wang, Vancouver, B.C.  |
| 98073        | <i>Annur</i>                    | Vancouver                                   | 1890                        | Sunderland, G.B.                      | 216 0                     | 25 1                       | 17 9                     | 907            | 370                 | 370                 | 150 sc.                                 | Coastwise Steamship & Barge Co., Ltd., Vancouver, B.C.                                |
| 111916       | <i>Annv</i>                     | Toronto                                     | 1901                        | Cornwall, Ont.                        | 55 2                      | 15 7                       | 7 2                      | 40             | 27                  | 27                  | 10 sc.                                  | The W. J. Poirpore Co., Ltd., Montreal, Que.  |
| 126275       | <i>Anabine</i>                  | New Westminster                             | 1909                        | New Westminster, B.C.                 | 31 1                      | 8 0                        | 2 9                      | 9              | 9                   | 9                   | 1 sc.                                   | William C. and Herbert F. Miller, J.O., New Westminster, B.C.                         |
| 126598       | <i>Anamoose</i>                 | Victoria                                    | 1899                        | Kaslo, B.C.                           | 70 3                      | 23 0                       | 5 8                      | 68             | 46                  | 46                  | 4 sc.                                   | Everett Cooke, Kaslo, B.C.  |
| 112182       | <i>Anchora</i>                  | Toronto                                     | 1902                        | Kingston, Ont.                        | 42 0                      | 7 8                        | 3 4                      | 6              | 3                   | 3                   | 1 sc.                                   | Robt. J. McKee, Toronto, Ont.   |
| 135299       | <i>Anchorite</i>                | Vancouver                                   | 1913                        | Richardsen, Wash., U.S.A.             | 39 0                      | 13 0                       | 4 2                      | 16             | 11                  | 11                  | 1 sc.                                   | Stdney Canning Co., Ltd., Sidney, B.C.  |
| 130745       | <i>Andromeda</i>                | Vancouver                                   | 1911                        | Vancouver, B.C.                       | 31 6                      | 9 4                        | 4 3                      | 10             | 7                   | 7                   | 1 sc.                                   | G. B. Ehrenborg, Vancouver, B.C.  |
| 130879       | <i>Andover</i>                  | New Westminster                             | 1913                        | Sataria Island, B.C.                  | 31 0                      | 8 2                        | 4 3                      | 10             | 7                   | 7                   | 1 sc.                                   | A. A. Plummer Co., Ltd., Vancouver, B.C.  |
| 126531       | <i>Andrew</i>                   | Vancouver                                   | 1908                        | Kamloops, B.C.                        | 31 3                      | 19 7                       | 4 0                      | 17 7           | 11 1                | 11 1                | 3 pa.                                   | Arrow Lakes Lumber Co., Ltd., Arrowhead, B.C.   |
| 141379       | <i>Andrew Dupre</i>             | Montreal                                    | 1919                        | Sorel, Que.                           | 59 2                      | 25 3                       | 10 8                     | 233            | 30                  | 30                  | 67 1/2 sc.                              | Shawmop McNaughton Lane, Ltd., Montreal, Que.   |
| 107512       | <i>Anglian</i>                  | Victoria                                    | 1898                        | Treslin Lake, B.C.                    | 50 6                      | 20 6                       | 4 3                      | 161            | 115                 | 115                 | 5 pa.                                   | British Yukon Navigation Co., Ltd., 389 Granville St., Vancouver, B.C.                |
| 134243       | <i>Aniway</i>                   | Toronto                                     | 1912                        | Barnsdale, Ont.                       | 39 3                      | 7 6                        | 3 9                      | 15             | 11                  | 11                  | 1 sc.                                   | Chas. E. Woodroffe, Barnsdale, Ont.   |
| 103051       | <i>Anita</i>                    | Halifax                                     | 1894                        | Basket Wedge, N.S.                    | 35 0                      | 12 4                       | 6 4                      | 27             | 12                  | 12                  | 10 sc.                                  | Tug Anita Limited, 19 Lower Water St., Halifax, N.S.                                  |
| 133816       | <i>Anita P.</i>                 | Lanenburg                                   | 1913                        | Blandford, N.S.                       | 41 3                      | 10 0                       | 4 9                      | 13             | 11                  | 11                  | 1 sc.                                   | Cherene Whitteover, M.O., Blandford, N.S.   |
| 121755       | <i>Ankie Drep</i>               | Vancouver                                   | 1906                        | Vancouver, B.C.                       | 38 0                      | 10 0                       | 4 0                      | 16             | 11                  | 11                  | 1 sc.                                   | Geo. A. Malkem, Vancouver, B.C.   |
| 121967       | <i>Anna M.</i>                  | Kingston                                    | 1906                        | Kingston, Ont.                        | 38 0                      | 5 3                        | 2 4                      | 9              | 7                   | 7                   | 1 sc.                                   | Geo. W. Malpoot, Kingston, Ont.   |
| 134529       | <i>Anna O.</i>                  | Vancouver                                   | 1920                        | Vancouver, B.C.                       | 34 0                      | 17 4                       | 4 3                      | 13             | 9                   | 9                   | 1 sc.                                   | Geo. C. Perkins, Vancouver, B.C.  |
| 126790       | <i>Annis</i>                    | New Westminster                             | 1916                        | New Westminster, B.C.                 | 33 0                      | 17 5                       | 6 9                      | 50             | 30                  | 30                  | 2 sc.                                   | Joseph Wm. Pike, New Westminster, B.C.  |
| 140589       | <i>Annapolis</i>                | Vancouver                                   | 1916                        | Vancouver, B.C.                       | 48 2                      | 13 1                       | 5 1                      | 30             | 20                  | 20                  | 1 sc.                                   | H. Bell Irving & Co., Ltd., 322 Richard St., Vancouver, B.C.                          |
| 135756       | <i>Annie H.</i>                 | Victoria                                    | 1913                        | Fittley Harbour, Wash., U.S.A.        | 45 0                      | 13 8                       | 4 0                      | 25             | 13                  | 13                  | 2 sc.                                   | Chayoquet Sound Canning Co., Ltd., Belmont, Victoria, B.C.                            |
| 92345        | <i>Annie Marie</i>              | Quebec                                      | 1886                        | Lake St. Joseph, Que.                 | 37 8                      | 9 6                        | 3 4                      | 8              | 6                   | 6                   | 15 sc.                                  | D. Gillies, Carleton Place, Ont.  |
| 110238       | <i>Annie</i>                    | Digby                                       | 1886                        | Camden, Me., U.S.A.                   | 35 4                      | 10 6                       | 4 0                      | 10             | 10                  | 10                  | 1 sc.                                   | Sandford L. Dakin, Beaver Harbour, N.B.   |
| 100292       | <i>Annie</i>                    | Halifax                                     | 1892                        | North Sydney, N.S.                    | 50 6                      | 14 0                       | 6 8                      | 42             | 29                  | 29                  | 50 sc.                                  | Tug "Monton" Ltd., 71 Upper Water St., Halifax, N.S.                                  |
| 134283       | <i>Annie B. White</i>           | Victoria                                    | 1889                        | Darlington, N.S.                      | 31 0                      | 10 0                       | 5 0                      | 9              | 9                   | 9                   | 1 sc.                                   | Harry J. Kohrt, Prince Rupert, B.C.   |
| 107747       | <i>Annie Barrett</i>            | Montreal                                    | 1914                        | Vancouver, B.C.                       | 32 5                      | 8 1                        | 3 2                      | 9              | 6                   | 6                   | 1 sc.                                   | William C. Whites, Victoria, B.C.   |
| 130095       | <i>Annie Bass</i>               | Vancouver                                   | 1901                        | Kingston, Ont.                        | 58 3                      | 13 8                       | 7 6                      | 42             | 18                  | 18                  | 50 sc.                                  | Simons Brothers Co., Ltd., 232 St. James St., Montreal, Que.                          |
| 107366       | <i>Annie C. Hill</i>            | Toronto                                     | 1910                        | Vancouver, B.C.                       | 30 6                      | 7 2                        | 4 0                      | 6              | 4                   | 4                   | 1 sc.                                   | Henry Curtis and Robert Ashcroft, Vancouver, B.C.                                     |
|              |                                 |   | 1890                        | Owen Sound, Ont.                      | 36 0                      | 5 6                        | 3 6                      | 14             | 9                   | 9                   | 1 sc.                                   | John Forsythie, Barrie, Ont.  |



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| 71140  | Amie Craig     | Port Dover                   | 78 0  | 16 6 | 5 3  | 80    | 48  | 30 sec.     | Eugene O'Keefe, et al., Toronto, Ont.  |
|--------|----------------|------------------------------|-------|------|------|-------|-----|-------------|--|
| 103270 | Amie Currier   | Oromocto, N.B.               | 42 4  | 8 8  | 3 7  | 11    | 7   | 2 sec.      | John W. Carrier, Oromocto, N.B.  |
| 122422 | Amie G. W.     | Sheet Harbour, N.S.          | 42 6  | 15 0 | 6 0  | 17    | 16  | 3 sec.      | Simon Boutilier, Muskegoon, N.S.   |
| 126380 | Amie Hilton    | Owlshhead, N.S.              | 37 0  | 10 8 | 4 8  | 10    | 10  | 1 sec.      | Harry C. Hopkins, Dartmouth, N. S. and Thos. A. Rear, Halifax, N.S.                  |
| 161593 | Amie Louise    | Jordan River, N.S.           | 56 6  | 20 0 | 7 5  | 42    | 40  | 1 sec.      | Norman Chandler et al., Chester, N.S.  |
| 134391 | Amie Jean      | Lanenburg, N.S.              | 40 2  | 10 2 | 5 2  | 11    | 10  | 5/12 sec.   | Poser Young, Lanenburg, N.S.   |
| 111472 | Amie May       | Rockdale, N.S.               | 41 5  | 11 2 | 7 0  | 18    | 18  | 5 sec.      | Albert L. and Peter L. Landry, J.O., Petit de Grati, N.S.                            |
| 107165 | Amie M.        | Collingwood, Ont.            | 56 0  | 12 0 | 6 3  | 33    | 22  | 2 sec.      | Reginald H. Clark, Collingwood, Ont.   |
| 107173 | Amie Mc.       | Port Arthur, Ont.            | 33 0  | 7 8  | 2 4  | 13    | 11  | 5 sec.      | Thomas McLeod, Port Arthur, Ont.   |
| 96851  | Amie Moit's.   | East Saugam, Mich. U.S.A.    | 81 0  | 17 0 | 7 7  | 71    | 49  | 75 sec.     | Wm. F. Dean, London, Ont.  |
| 134343 | Amie Q.        | Montreal, Que.               | 29 8  | 7 2  | 3 4  | 5     | 3   | 1 sec.      | The Minister of Public Works, Ottawa, Ont.   |
| 137951 | Amie St. Leon  | Port Coquitlam, B.C.         | 44 4  | 13 0 | 4 5  | 20    | 14  | 3 sec.      | Western Packers, Ltd., 114 Standard Bank Bldg., Vancouver, B.C.                      |
| 141545 | Amie Tuck      | Vancouver, B.C.              | 53 1  | 14 8 | 6 2  | 31    | 21  | 5 sec.      | Josiah Babcock, et al., Vancouver, B.C.  |
| 180712 | Anoka          | Kenora, Ont.                 | 65 5  | 16 2 | 6 0  | 61    | 41  | 3 sec.      | Keewatin Lumber Co., Ltd., Keewatin, Ont.  |
| 126236 | Anona          | Kingston, Ont.               | 32 3  | 6 2  | 2 5  | 5     | 3   | 24 sec.     | Albert W. Winnett, Kingston, Ont.  |
| 126487 | Andreanis      | Montreal, Que.               | 86 5  | 17 8 | 7 0  | 95    | 50  | 16 sec.     | The Memphringoug Navigation Co., Montreal, Que.                                      |
| 107153 | Andie          | Seattle, Wash., U.S.A.       | 30 8  | 7 0  | 3 0  | 4     | 3   | 1 sec.      | R. H. Gardner, Ladysmith, B.C.   |
| 122030 | Anticosti II   | Liverpool, N.S.              | 59 4  | 13 5 | 5 8  | 35    | 21  | 8 sec.      | Tung Anticosti II, Limited, Halifax, N.S.  |
| 141013 | Antuz          | Eagle Harbour, Wash., U.S.A. | 37 0  | 10 5 | 3 9  | 8     | 6   | 6 sec.      | Nipkitch Timber Co., Ltd., 922 Standard Bank Bldg., Vancouver, B.C.                  |
| 150273 | Ayox           | Winslow, Wash., U.S.A.       | 193 4 | 39 7 | 19 6 | 1207  | 749 | 93 1/2 sec. | Coastwise Steamship and Barge Co., Ltd., 801 Birk's Bldg., Vancouver, B.C.           |
| 138303 | Aone           | Vancouver, B.C.              | 42 0  | 12 0 | 5 8  | 19    | 13  | 4 sec.      | British Columbia Sulphite Fiber Co., Ltd., 1212 Standard Bank Bldg., Vancouver, B.C. |
| 126260 | Alpha          | Montreal, Que.               | 45 1  | 9 8  | 3 9  | 11    | 7   | 4 sec.      | Robert Lucas, Lachine, Que.  |
| 137937 | Alpa           | Vancouver, B.C.              | 47 8  | 12 8 | 4 9  | 28    | 17  | 24 sec.     | Albert V. Gardner, Vancouver, B.C.   |
| 100394 | Arabian        | Hamilton, Ont.               | 178 6 | 31 0 | 13 6 | 1,073 | 770 | 400 sec.    | Montreal Transportation Co., Ltd., 14 Place Royale, Montreal, Que.                   |
| 98379  | Aranmore       | Ottawa, Ont.                 | 241 5 | 34 8 | 15 7 | 1,170 | 502 | 290 sec.    | The Minister of Marine and Fisheries, Ottawa, Ont.                                   |
| 141515 | Arawana        | Parrsboro, Ont.              | 50 0  | 18 0 | 6 0  | 38    | 35  | 3 sec.      | Perey Drew, Advocate, N.S. and Otwell Atkinson, Apple River, N.S., J.O.              |
| 141543 | Arbory         | Vancouver, B.C.              | 32 4  | 9 8  | 5 1  | 13    | 9   | 1 sec.      | Henry Kewish, Vancouver, B.C.  |
| 92042  | Arbutus        | Port Arthur, Ont.            | 63 0  | 14 8 | 7 0  | 49    | 34  | 4 sec.      | Samuel Wright, Port Arthur, Ont.   |
| 85555  | Arcaida        | Preton, N.S.                 | 68 0  | 16 7 | 6 4  | 62    | 42  | 30 sec.     | Peter J. Walker, Port Hawkesbury, N.S.   |
| 17196  | Archebald      | Kenora, Ont.                 | 46 0  | 10 0 | 5 5  | 20    | 14  | 2 sec.      | North West Lumber Co., Edmonton, Alta.   |
| 105233 | Archie         | Victoria, B.C.               | 27 0  | 7 4  | 3 2  | 4     | 3   | 5 sec.      | Thomas B. Wood, Victoria, B.C.   |
| 133298 | Archie Mac     | Port Stanley, Ont.           | 38 0  | 12 0 | 4 7  | 19    | 13  | 1 sec.      | Albert J. Nicholas, Port Stanley, Ont.   |
| 96718  | Archie Stewart | Ottawa, Ont.                 | 81 5  | 18 5 | 7 3  | 30    | 20  | 75 sec.     | The Minister of Public Works, Ottawa, Ont.   |
| 134531 | Archie W.      | Port Burwell, Ont.           | 66 0  | 16 5 | 8 0  | 50    | 34  | 6 sec.      | Harvey Davis, Port Burwell, Ont.   |
| 116922 | Arctic         | Kiel, Germany                | 165 4 | 37 2 | 20 2 | 702   | 518 | 44 sec.     | The Minister of Marine and Fisheries, Ottawa, Ont.                                   |
| 94390  | Arctic         | Preton, Ont.                 | 96 3  | 19 3 | 7 0  | 101   | 83  | 5 sec.      | The Rathbun Co., Deseronto, Ont.   |
| 134058 | Arda           | Lanenburg, Ont.              | 40 2  | 10 0 | 5 2  | 12    | 11  | 3 1/2 sec.  | Francis Mason, Eastern Point, N.S.   |
| 138436 | Argenteuil     | Sorel, Que.                  | 94 0  | 21 0 | 7 0  | 165   | 83  | 16 sec.     | The Minister of Marine and Fisheries, Ottawa, Ont.                                   |
| 116633 | Argus          | Wallaeeburg, Ont.            | 50 4  | 11 6 | 4 8  | 20    | 13  | 2 sec.      | David Foster, Port Coldwell, Ont.  |
| 53489  | Argus          | Preton, N.S.                 | 35 0  | 13 0 | 6 1  | 27    | 19  | 13 sec.     | The Pictou County Contractor Supply Co., Ltd., New Glasgow, N.S.                     |
| 107220 | Argyle         | Kenora, Ont.                 | 79 0  | 16 4 | 5 5  | 97    | 66  | 11 sec.     | James Fraser and R. S. Fraser, J. O., Keewatin, Ont.                                 |
| 116454 | Arizaba        | Vancouver, B.C.              | 31 0  | 8 7  | 3 9  | 14    | 9   | 3 sec.      | Frederick W. Kirkland, Vancouver, B.C.   |
| 134021 | Ariza          | Victoria, B.C.               | 42 7  | 10 1 | 4 0  | 13    | 9   | 2 sec.      | James I. Campbell, Kelowna, B.C.   |
| 141571 | Ariza          | Harrison, N.J., U.S.A.       | 37 0  | 9 2  | 2 8  | 13    | 9   | 5 sec.      | John H. Mason, Toronto, Ont.   |
| 130020 | Arjay          | Lachine, Que.                | 37 0  | 9 7  | 4 6  | 12    | 8   | 7 sec.      | Harland Mould, Montreal, Que.  |
| 138340 | Arka           | Port Arthur, Ont.            | 30 2  | 11 2 | 4 4  | 11    | 8   | 1 sec.      | John Bowman, Port Arthur, Ont.   |
| 140030 | Arka           | Montreal, Que.               | 30 2  | 11 2 | 4 4  | 11    | 8   | 61 sec.     | The Minister of the Naval Service, Ottawa, Ont.                                      |
| 138624 | Arnacon        | Ottawa, Ont.                 | 130 0 | 25 0 | 12 0 | 357   | 186 | 8 sec.      | The Armstrong Independent Fisheries, Ltd., Porage La Prairie, Man.                   |
| 138624 | Arnacon        | Winnipeg, Man.               | 71 0  | 16 5 | 7 4  | 62    | 42  | 3 sec.      | The Armstrong Independent Fisheries, Ltd., Porage La Prairie, Man.                   |

1 Foreign name "Evelyn." 2 Formerly "Ethola." 3 Formerly a sailing vessel. 4 Foreign name "Alta." 5 Foreign name "Gauss." 6 Formerly "Mable Freeman." 7 Formerly "Merah II."

ALPHABETICAL List of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—*Abbréviations*: J.O., Joint Owners—propriétaires conjointes; M.O., Managing owner—propriétaire gérant; Pa., Puddle—à aubes; Sc., Screw—à hélice. © Equipped with Wireless—Mun de la P.S.F.—Navires de Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

| Official No.<br>N <sup>o</sup> officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Build.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and inches.<br>Longueur en pieds et 10ths. | Breadth in feet and 10ths.<br>Largeur en pieds et 10ths. | Depth in feet and 10ths.<br>Profondeur en pieds et 10ths. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en c.v. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--|---------------------------------|---|------------------------|---------------------------------------|---|--|---|---------------------------------|--|--|---|
| 141541                                   | Armenieres                      | Ottawa                                      | 1918                   | Montreal, Que.                        | 130 0   | 25 0   | 13 0  | 357                             | 136  | 61 sc.   | The Minister of the Naval Service, Ottawa, Ont.                                       |
| 122537                                   | Armoer                          | Vancouver                                   | 1907                   | Vancouver, B.C.                       | 56 5  | 14 5   | 7 2   | 46                              | 101 sc.                                    | 1 sc.  | Wm. Walter White, Vancouver, B.C.   |
| 121850                                   | Armoor                          | Toronto                                     | 1906                   | Bark's Falls, Ont.                    | 87 5  | 17 5   | 6 2   | 101                             | 115  | 9 sc.  | A. A. Azar, Bark's Falls, Ont.  |
| 134319                                   | Arcock                          | Kenora                                      | 1914                   | Kenora, Ont.                          | 31 5  | 8 6  | 5 4   | 9                               | 6  | 2 sc.  | J. J. Hingham, Kenora, Ont.   |
| 126280                                   | Arona                           | New Westminster                             | 1909                   | Steveston, B.C.                       | 26 7  | 6 1  | 3 4   | 2                               | 2  | 1 sc.  | William R. Jaynes, New Westminster, B.C.  |
| 122352                                   | Arrah Wann                      | Kingston                                    | 1880                   | Panarapo, N.J., U.S.A.                | 51 8  | 9 4  | 2 7   | 20                              | 16   | 1 sc.  | Peter Cavanaugh, Perth, Ont.  |
| 131027                                   | Arranmor                        | Vancouver                                   | 1912                   | Alex'n Bay, N.Y., U.S.A.              | 36 7  | 10 2   | 4 9   | 14                              | 9  | 1 sc.  | John R. Clark, Vancouver, B.C.  |
| 141342                                   | Arns                            | Ottawa                                      | 1918                   | Montreal, Que.                        | 130 0   | 25 0   | 13 0  | 357                             | 136  | 61 sc.   | The Minister of the Naval Service, Ottawa, Ont.                                       |
| 122602                                   | Arnon                           | Kenora                                      | 1907                   | Kenora, Ont.                          | 21 0  | 6 0  | 3 0   | 3                               | 3  | 13 sc.   | J. W. Sidor of the Manufacturing Co., Ltd., Kenora, Ont.                              |
| 116832                                   | Arnon                           | Kingston                                    | 1906                   | Kingston, Ont.                        | 35 1  | 7 2  | 2 8   | 4                               | 3  | 1 sc.  | The Minister of the Naval Service, Ottawa, Ont.                                       |
| 122160                                   | Arnon                           | Vancouver                                   | 1906                   | Vancouver, B.C.                       | 15 5  | 5 0  | 2 0   | 1                               | 1  | 1 sc.  | William C. Sibley, Vancouver, B.C.  |
| 112071                                   | Ardenoise                       | Peterborough                                | 1902                   | Peterborough, Ont.                    | 34 0  | 7 8  | 3 3   | 11                              | 9  | 3 sc.  | Fredrick J. Sibley, Peterborough, Ont.  |
| 103582                                   | Ardenois                        | Chatham, N.B.                               | 1885                   | Chatham, N.B.                         | 40 0  | 8 3  | 4 8   | 5                               | 3  | 3 sc.  | J. P. W. Fiddell, Chatham, N.B.   |
| 100282                                   | Arthur C.                       | Lindsay                                     | 1891                   | Lakesfield, Ont.                      | 75 0  | 18 0   | 6 0   | 105                             | 71   | 50 sc.   | Kawartha Lakes Navigation Co., Ltd., Lindsay, Ont.                                    |
| 107814                                   | Arthur C.                       | Toronto                                     | 1899                   | Port Rowan, Ont.                      | 47 5  | 15 0   | 4 6   | 44                              | 21   | 1 sc.  | William Anderson, The Port Credit, Ont.   |
| 134317                                   | Arthur H.                       | Kenora                                      | 1914                   | The Pais, Man.                        | 55 0  | 14 4   | 4 0   | 43                              | 33   | 2 sc.  | Barney Anderson, The Pais, Man.   |
| 123805                                   | Arthur H.                       | Halifax                                     | 1910                   | Darlington, N.S.                      | 60 4  | 17 0   | 7 9   | 35                              | 22   | 10 sc.   | S. J. Young, St. Jacques, Nfld.   |
| 100667                                   | Aryan                           | Kingston                                    | 1895                   | Kingston, Ont.                        | 32 1  | 6 1  | 2 5   | 2                               | 2  | 10 sc.   | M. R. Davis, Kingston, Vancouver, B.C.  |
| 122155                                   | Asac                            | Vancouver                                   | 1906                   | Vancouver, B.C.                       | 30 4  | 10 3   | 4 0   | 12                              | 8  | 1 sc.  | Takido, Nakata, <i>et al.</i> , Vancouver, B.C.                                       |
| 126623                                   | Asahmaru                        | Vancouver                                   | 1907                   | Vancouver, B.C.                       | 37 5  | 9 4  | 2 9   | 9                               | 6  | 1 sc.  | Northern Canning Co., Ltd., Vancouver, B.C.   |
| 141823                                   | Asana No. 3                     | Vancouver                                   | 1920                   | Vancouver, B.C.                       | 12 0  | 12 1   | 5 6   | 22                              | 15   | 23 sc.   | Ito Kohrakaya, Vancouver, B.C.  |
| 130737                                   | Asaph P.                        | Lanenburg                                   | 1911                   | Little Tancook, N.S.                  | 43 6  | 10 8   | 6 6   | 15                              | 11   | 1 sc.  | Charles Cleveland, Blandford, N.S.  |
| 126321                                   | Asawalati                       | Vancouver                                   | 1908                   | Port Simpson, B.C.                    | 32 4  | 9 2  | 3 3   | 16                              | 11   | 1 sc.  | W. H. Miller, Princes Rupert, B.C.  |
| 130889                                   | Ashqamik                        | Victoria                                    | 1894                   | Seattle, Wash., U.S.A.                | 27 6  | 11 0   | 5 3   | 8                               | 6  | 3 sc.  | Roderick E. Williams, Vancouver, B.C. and George Greenhill, Victoria, B.C.            |
| 138496                                   | Asibaze                         | Montreal                                    | 1907                   | St. John's, Que.                      | 31 6  | 7 8  | 3 0   | 5                               | 3  | 1 sc.  | Louis Goodfellow, Coughsway, Que.   |
| 122588                                   | Aspy                            | Yarmouth                                    | 1910                   | Shelburne, N.S.                       | 113 0   | 25 0   | 8 6   | 215                             | 99   | 42 sc.   | The North Shore Steamship Co., Ltd., Sydney, N.S.                                     |
| 125984                                   | Assiniboua                      | Montreal                                    | 1907                   | Govan, G.B.                           | 336 5   | 133 8  | 23 6  | 3,880                           | 2,486                                      | 298 sc.  | Canadian Pacific Railway Co., Montreal, Que.  |
| 141537                                   | Atari No. 3                     | New Westminster                             | 1920                   | Steveston, B.C.                       | 43 2  | 10 1   | 4 6   | 15                              | 9  | 2 sc.  | Tanuncamin Atari, Steveston, B.C.   |
| 85764                                    | Atshaback                       | Montreal                                    | 1883                   | Kellynburgh, G.B.                     | 298 8   | 38 2   | 23 3  | 2,784                           | 2,349                                      | 116 sc.  | Canadian Pacific Railway Co., Montreal, Que.  |
| 116944                                   | Atthenduc                       | Kenora                                      | 1904                   | Callingswood, Ont.                    | 33 0  | 7 0  | 3 2   | 4                               | 3  | 2 sc.  | James H. Ashdown, Winnipeg, Man.  |

| 131053 | 1895 | West Superior, Wis., U.S.A.         | 362 0 | 38 8 | 18 0 | 2,001 | 14,292 | 141 sec.   | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.           |
|--------|------|-------------------------------------|-------|------|------|-------|--------|------------|---|
| 130976 | 1914 | Collingwood, Ont.                   | 45 5  | 11 3 | 3 7  | 16    | 6      | 1 sec.     | James R. Lucas, Toronto, Ont.   |
| 126612 | 1909 | Hardway Bay, B.C.                   | 31 5  | 8 0  | 3 3  | 9     | 6      | 1 sec.     | Charles A. G. Robinson, Hardley Bay, B.C.                                 |
| 77601  | 1878 | La Have, N.S.                       | 61 4  | 20 0 | 7 9  | 52    | 16     | 1 sec.     | Simon Neas, Lunenburg, N.S.   |
| 42743  | 1890 | Port Elgin, N.B.                    | 46 0  | 12 4 | 4 8  | 16    | 11     | 30 sec.    | Prescott Lumber Co., New Mills, N.B.                                      |
| 138727 | 1906 | Seaside, Wash., U.S.A.              | 41 0  | 11 9 | 5 0  | 24    | 16     | 2 sec.     | George W. Nickerson, Prince Rupert, B.C.                                  |
| 121731 | 1911 | Vancouver, B.C.                     | 36 1  | 9 0  | 4 5  | 17    | 12     | 3 sec.     | Geovick, Ltd., 1012-510 Hastings St. W., Vancouver, B.C.                  |
| 116924 | 1886 | Birmingham, G.B.                    | 28 0  | 7 7  | 3 0  | 3     | 2      | 1 sec.     | Victoria Chemical Co., Ltd., Victoria, B.C.                               |
| 138254 | 1916 | Vancouver, B.C.                     | 42 7  | 10 6 | 6 4  | 15    | 4      | 3 sec.     | Morton Publishing Co., M.O., Blandford, N.S.                              |
| 138301 | 1916 | Vancouver, B.C.                     | 28 0  | 8 0  | 3 2  | 4     | 3      | 1 sec.     | Fredrick H. Chappell, Vancouver, B.C.                                     |
| 122411 | 1907 | Midland, Ont.                       | 71 8  | 16 0 | 8 1  | 87    | 59     | 16 sec.    | French River Boom Co., Ltd., Toronto, Ont.                                |
| 121685 | 1915 | Tusket Wedge, N.S.                  | 31 0  | 11 0 | 6 0  | 11    | 11     | 1 sec.     | William R. Seaboyer, Lunenburg, N.S.                                      |
| 137877 | 1904 | Tanook, N.S., U.S.A.                | 42 8  | 10 8 | 6 2  | 15    | 14     | 1 sec.     | James A. Borden, M.O., Dominion No. 6, C.B., N.S.                         |
| 66063  | 1869 | Buffalo, N.Y., U.S.A.               | 56 4  | 14 2 | 7 8  | 34    | 23     | 9 sec.     | Robert Waddell, Trenton, Ont.   |
| 121850 | 1906 | Montreal, Que.                      | 36 2  | 10 8 | 5 0  | 10    | 10     | 4 sec.     | John T. Slewart, M.O., West Point, P.E.I.                                 |
| 138511 | 1906 | Quebec, N.S.                        | 41 1  | 14 0 | 3 3  | 19    | 11     | 2 sec.     | Alfred Girard, St. Fulgence, Que.   |
| 141306 | 1919 | St. Fulgence, Que.                  | 29 8  | 10 2 | 3 9  | 14    | 12     | 1 sec.     | Kisako Hayashi, Vancouver, B.C.   |
| 107525 | 1899 | Vancouver, B.C.                     | 115 0 | 24 8 | 4 0  | 422   | 308    | 7 pa.      | British Yukon Navigation Co., Ltd., 589 Granville St., Vancouver, B.C.    |
| 140875 | 1918 | Port Clyde, N.S.                    | 51 0  | 14 5 | 6 8  | 25    | 23     | 2 1/2 sec. | Rowman L. Rufus, Bridgewater, N.S.  |
| 103156 | 1895 | Vancouver, B.C.                     | 53 1  | 10 0 | 5 5  | 25    | 17     | 9 sec.     | The Hastings Shingle Manufacturing Co., Ltd., Vancouver, B.C.             |
| 107903 | 1915 | Deer Is., N.B.                      | 41 5  | 13 3 | 6 0  | 17    | 11     | 1 sec.     | Geo. A. Johnson, Grand Manan, N.B.  |
| 138036 | 1916 | Barrington Passage, Quebec          | 30 0  | 9 2  | 4 6  | 10    | 10     | 1 sec.     | Cleveland Crowell, Clarks Harbour, N.S.                                   |
| 131136 | 1914 | Quebec, N.S.                        | 51 7  | 14 6 | 7 0  | 52    | 22     | 13 sec.    | Quebec Harbour Commissioners, Quebec, Que.                                |
| 441071 | 1914 | Windsor, N.S.                       | 201 8 | 39 2 | 18 5 | 1,065 | 939    | 14 sec.    | Avon Transportation Co., Ltd., 35 Bedford Row, Halifax, N.S.              |
| 133928 | 1913 | Acouet, Chatham, N.B.               | 58 5  | 14 0 | 5 8  | 47    | 24     | 8 sec.     | Joseph L. Phillips and John W. Nichol, Mira Gut, N.S.                     |
| 122347 | 1908 | Awahwanam, 2nd Toronto              | 41 0  | 2 3  | 4 5  | 50    | 41     | 8 sec.     | Fredrick Mills, Penumaris, P.O. Muskoka, Ont.                             |
| 141279 | 1920 | Prince Rupert, B.C.                 | 52 0  | 12 8 | 8 0  | 37    | 20     | 4 sec.     | Herbert F. Kergin and Harry R. Fowler, Alice Arm, B.C.                    |
| 121736 | 1906 | Vancouver, B.C.                     | 30 8  | 6 5  | 2 3  | 3     | 2      | 2 sec.     | Vancouver Lumber Co., Ltd., Vancouver, B.C.                               |
| 141338 | 1916 | New Westminster, B.C.               | 35 6  | 8 9  | 3 9  | 10    | 7      | 1 sec.     | Kuro Hasabe, New Westminster, B.C.  |
| 134545 | 1917 | Toronto, Ont.                       | 41 5  | 11 6 | 4 7  | 16    | 7      | 2 sec.     | The Minister of Public Works, Ottawa, Ont.                                |
| 122279 | 1908 | Hamilton, Ont.                      | 50 0  | 9 5  | 4 0  | 12    | 8      | 1 sec.     | Norman K. Laxton, Banff, Alberta, ....                                    |
| 126359 | 1908 | St. Joseph, Mich., U.S.A.           | 38 9  | 9 3  | 6 3  | 10    | 7      | 2 sec.     | William Guthbert, Montreal, Que.  |
| 141712 | 1915 | North Arm, Vancouver, B.C.          | 33 8  | 9 3  | 6 0  | 12    | 8      | 1 sec.     | John Demetris, Vancouver, B.C.  |
| 140910 | 1918 | Vancouver, B.C.                     | 43 6  | 11 5 | 5 7  | 25    | 12     | 2 sec.     | S. J. Holmes, et al., J.O., Vancouver, B.C.                               |
| 49402  | 1892 | Low Walker, G.B.                    | 285 0 | 38 5 | 25 9 | 2,332 | 1,512  | 225 sec.   | International Petroleum Co., Ltd., 311 Dominion Bank Bldg., Toronto, Ont. |
| 134098 | 1913 | Vancouver, B.C.                     | 39 0  | 9 3  | 4 2  | 12    | 8      | 1 sec.     | Herman Johnson, and Ole Burg, J.O., Vancouver, B.C.                       |
| 134217 | 1912 | Tacoma, Wash., U.S.A.               | 57 1  | 15 8 | 6 7  | 39    | 26     | 4 sec.     | Granby Consolidated Smelting & Power Co., Ltd., Vancouver, B.C.           |
| 126881 | 1906 | Tacoma, Wash., U.S.A.               | 49 4  | 12 5 | 5 5  | 28    | 19     | 2 sec.     | Merrif DesBrisay, Vancouver, B.C.   |
| 141796 | 1920 | Steveston, B.C.                     | 55 0  | 8 7  | 4 2  | 10    | 7      | 1 sec.     | Burnich Hamada, Steveston, B.C.   |
| 126116 | 1911 | Sault Ste. Marie, Mich., C. I.      | 127 5 | 28 0 | 5 1  | 513   | 323    | 27 pa.     | British Columbia Express Co., Ashcroft, B.C.                              |
| 138173 | 1911 | B. C. M. No. 1, Prince Rupert, B.C. | 41 8  | 12 4 | 4 8  | 14    | 10     | 2 sec.     | Morton J. Burke, Marksville, Ont.   |
| 138089 | 1908 | Vancouver, B.C.                     | 80 5  | 18 0 | 7 8  | 14    | 83     | 22 sec.    | Humie B. Babington, Prince Rupert, B.C.                                   |
| 134906 | 1912 | New Westminster, B.C.               | 39 0  | 10 8 | 5 0  | 18    | 13     | 1 sec.     | The Packers Steamship Co., Ltd., Vancouver, B.C.                          |
| 134077 | 1912 | Vancouver, B.C.                     | 40 0  | 9 6  | 3 3  | 13    | 9      | 2 sec.     | British Columbia Refining Co., Ltd., Vancouver, B.C.                      |
| 133708 | 1912 | Vancouver, B.C.                     | 30 2  | 9 3  | 3 1  | 10    | 7      | 1 sec.     | Marsh Hutton Powers Co., Ltd., New Westminster, B.C.                      |
| 131032 | 1912 | Port Guelchon, B.C.                 | 62 0  | 17 5 | 7 2  | 61    | 42     | 16 sec.    | Mrs. Rodia M. Wilson, Vancouver, B.C.                                     |
| 130683 | 1912 | Soda Creek, B.C.                    | 121 3 | 27 9 | 4 8  | 449   | 283    | 9 pa.      | British Columbia Express Co., Ashcroft, B.C.                              |
| 133988 | 1913 | Port Guelchon, B.C.                 | 50 0  | 11 7 | 4 4  | 21    | 15     | 2 sec.     | V. Martinich, M.O., Port Guelchon, B.C.                                   |

1 Formerly "Genl. Wm. B. Franklin." 2 Formerly "Alexandra" and "Sambean." 3 Formerly a sailing vessel.  
 4 Formerly Jessie Louise Fauquier. 5 Foreign name "Columbus." 6 Foreign name "Success."  
 7 Foreign name "John B. Trevor." 8 Foreign name "Troy."

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaires gérant; Pa., Paddle—à aubes; Sg., Screw—à hélice.  
 © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Constructé en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en c.v. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|-------------------------|---------------------------------------|---|---|--|---------------------------------|--|--|---|
| 131076       | U.S. C. Maid                    | Vancouver                                   | 1893                    | Seattle, Wash., U.S.A.                | 65 0  | 14 7  | 5 7  | 80                              | 26   | 8 sc.  | Florence M. Clark and Geo. P. Cathrea, Vancouver, B.C.                                |
| 107597       | B. M. Fraser                    | Quebec                                      | 1900                    | Owen Sound, Ont.                      | 69 0  | 17 0  | 7 8  | 50                              | 34   | 10 sc.   | Lachance, Ltd., Quebec, Que.  |
| 138454       | B. Paul                         | Sorel                                       | 1917                    | Sorel, Que.                           | 49 5  | 12 9  | 4 0  | 24                              | 14   | 3 sc.  | Captain Joseph Paul, Sorel, Que.  |
| 126274       | 2B. White                       | New Westminster                             | 1908                    | Ballard, Wash., U.S.A.                | 42 9  | 8 9   | 7 7  | 14                              | 10   | 2 sc.  | Herbert Rashton, New Westminster, B.C.  |
| 126805       | B. & M. LeBlanc                 | Yarmouth                                    | 1910                    | Tusket Wedge, N.S.                    | 51 0  | 14 6  | 7 0  | 33                              | 12   | 8 sc.  | Henry A. LeBlanc, M.O., Tusket Wedge, N.S.  |
| 133733       | 3Baboe                          | Vancouver                                   | 1909                    | Doekton, Cal., U.S.A.                 | 39 5  | 13 4  | 4 5  | 18                              | 13   | 2 sc.  | Bloedel Stewart and Walsh Ltd., 510 Hastings St. W., Vancouver, B.C.                  |
| 134436       | Bachelor                        | Vancouver                                   | 1911                    | Vancouver, B.C.                       | 38 5  | 10 4  | 4 9  | 15                              | 10   | 1 sc.  | Victoria Whaling Co., Ltd., Victoria, B.C.  |
| 141364       | Baillon                         | Montreal                                    | 1919                    | Toronto, Ont.                         | 251 0   | 43 6  | 20 7   | 2,251                           | 1,353                                      | 147 sc.  | The Mount Royal Steamship Co., Ltd., 42 St. Sacramento St., Montreal, Que.            |
| 107715       | Bailey                          | Vancouver                                   | 1899                    | Lake Bennett, B.C.                    | 110 0   | 21 7  | 5 0  | 193                             | 122  | 5 pa.  | British Yukon Navigation Co., Ltd., Vancouver, B.C.                                   |
| 100635       | 3Ballena                        | Vancouver                                   | 1892                    | Victoria, B.C.                        | 176 8   | 30 0  | 11 0   | 869                             | 577  | 85 sc.   | The Terminal Steam Navigation Co., Ltd., Vancouver, B.C.                              |
| 107209       | Balmoral                        | Winnipeg                                    | 1899                    | Kenora, Ont.                          | 53 5  | 10 0  | 3 6  | 37                              | 23   | 2 sc.  | L. Bellefleur, Kenora, Ont.   |
| 134219       | Baltarie                        | Prince Rupert                               | 1909                    | Prince Rupert, B.C.                   | 25 9  | 8 0   | 3 0  | 5                               | 4  | 1 sc.  | Halifax Peck, Prince Rupert, B.C.   |
| 133761       | Bamberton                       | Victoria                                    | 1913                    | Victoria, B.C.                        | 50 8  | 12 5  | 5 4  | 21                              | 12   | 5 sc.  | British Columbia Cement Co., Ltd., 26 King St. E., Toronto, Ont.                      |
| 141147       | Banfield                        | Victoria                                    | 1913                    | Tacoma, Wash., U.S.A.                 | 45 7  | 13 6  | 5 7  | 25                              | 13   | 4 sc.  | Banfield Fisheries Ltd., Bamfield, B.C.   |
| 111934       | Bancroft                        | Lindsay                                     | 1903                    | Lindsay, Ont.                         | 37 5  | 8 5   | 3 0  | 10                              | 7  | 7 pa.  | R. C. Carter, M.O., Deseronto, Ont.   |
| 111939       | Bapiste                         | Lindsay                                     | 1902                    | Lindsay, Ont.                         | 37 4  | 6 7   | 3 0  | 8                               | 5  | 6 pa.  | R. C. Carter, M.O., Deseronto, Ont.   |
| 131005       | Barbara K.                      | St. John, N.B.                              | 1908                    | Wilson's Beach, N.B.                  | 28 2  | 8 0   | 3 3  | 8                               | 5  | 4 sc.  | James K. Kelly, St. John, N.B.  |
| 134282       | Barbara Young                   | Victoria                                    | 1914                    | Cowichan Bay, B.C.                    | 45 0  | 12 7  | 5 7  | 29                              | 20   | 3 sc.  | Eleo Tow-Boat Co., Ltd., Victoria, B.C.   |
| 122373       | Barnet                          | Vancouver                                   | 1907                    | Parnet, B.C.                          | 36 8  | 8 7   | 4 5  | 12                              | 8  | 2 sc.  | James Simmons, Simoon Sound, B.C.   |
| 133701       | Barnbee                         | Vancouver                                   | 1908                    | Seattle, Wash., U.S.A.                | 53 6  | 16 0  | 5 6  | 37                              | 25   | 3 sc.  | Eclipse Investment Co. Ltd., 82 553 Granville St., Vancouver, B.C.                    |
| 103634       | Baskatong                       | Ottawa                                      | 1895                    | Baskatong, Que.                       | 36 5  | 16 0  | 3 4  | 13                              | 8  | 20 pa.   | John Gilmour, Ottawa, Ont.  |
| 131134       | Batchewana                      | Ottawa                                      | 1912                    | Toronto, Ont.                         | 49 0  | 13 0  | 7 7  | 52                              | 29   | 4 sc.  | The Minister of Railways and Canals, Ottawa, Ont.                                     |
| 96049        | 3Bayfield                       | Ottawa                                      | 1889                    | Meadowside, G.B.                      | 140 0   | 24 1  | 11 3   | 276                             | 114  | 160 sc.  | The Minister of the Naval Service, Ottawa, Ont.                                       |
| 141153       | Bayview                         | New Westminster                             | 1919                    | New Westminster, B.C.                 | 37 6  | 10 4  | 4 9  | 13                              | 11   | 1 sc.  | Norman Nelson, Sunbury, B.C.  |
| 123807       | Bear River                      | Digby                                       | 1903                    | Shelburne, N.S.                       | 90 0  | 20 0  | 8 4  | 104                             | 71   | 16 sc.   | John B. Woodworth, Bear River, N.S.   |
| 123439       | Beat the Wind                   | Chatham, N.B.                               | 1908                    | Bay du Vin, N.B.                      | 37 0  | 10 8  | 4 9  | 12                              | 10   | 3 sc.  | Thomas B. Williston, Bay du Vin, N.B.   |
| 106865       | Beatrice                        | Quebec                                      | 1883                    | Three Rivers, Que.                    | 64 5  | 13 9  | 5 2  | 40                              | 27   | 12 pa.   | A. Baptiste, Three Rivers, Que.   |
| 106865       | Beatrice                        | St. Catharines                              | 1900                    | Dunnville, Ont.                       | 35 8  | 6 0   | 3 0  | 7                               | 5  | 5 sc.  | Daniel Dushwood, Dunnville, Ont.  |
| 122374       | Beatrice                        | Vancouver                                   | 1907                    | Vancouver, B.C.                       | 44 8  | 11 8  | 5 0  | 20                              | 15   | 2 sc.  | Henry O. Bell-Irving, Vancouver, B.C.   |
| 100174       | Beatrice                        | Victoria                                    | 1891                    | Vancouver, B.C.                       | 64 5  | 19 6  | 8 0  | 77                              | 37   | 19 sc.   | John J. Goodwin, Victoria, B.C.   |



ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations: **J.O.**, Joint Owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.  
 © Equipped with Wireless—Muni de la T.S.F.—NAMES of Motor Vessels in *italics*—Les noms des vapeurs à moteurs sont en *italiques*.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built<br>Constructé | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10ths. | Breadth in feet and 10ths.<br>Largeur en pieds et 10ths. | Depth in feet and 10ths.<br>Profondeur en pieds et 10ths. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en c. v. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|---------------------|---------------------------------------|--|--|---|---------------------------------|--|---|---|
| 134433       | <i>Berthe</i>                   | Vancouver                                   | 1913                | Vancouver, B.C.                       | 35 2   | 9 3  | 4 2   | 13                              | 9  | 2 sc.   | Pacific Mills, Ltd., 1301 Standard Bank Bldg., Vancouver, B.C.                        |
| 138453       | Berthier                        | Sorel                                       | 1916                | Sorel, Que.                           | 120 0  | 24 0   | 11 4  | 365                             | 85   | 65 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 92401        | Bessie                          | Charlham, N.B.                              | 1886                | Newcastle, N.B.                       | 35 0   | 7 5  | 4 0   | 5                               | 4  | 8 sc.   | Timothy W. Crocker, Newcastle, N.B.   |
| 111589       | Bessie                          | Peterborough                                | 1901                | Racine, Wis., U.S.A.                  | 18 3   | 4 3  | 2 3   | 1                               | 1  | 3 sc.   | James R. Dodsworth, Lakefield, Ont.   |
| 141266       | <i>Bessie A. White</i>          | Peterboro                                   | 1919                | Alma, N.B.                            | 182 6  | 37 0   | 12 9  | 694                             | 565  | 40 sc.  | Acadia Shipping Co., Ltd., Sussex, N.B.   |
| 94840        | <i>Bessie Adelaide</i>          | St. Andrews                                 | 1891                | Deer Island, N.B.                     | 53 0   | 11 6   | 4 7   | 23                              | 15   | 1 sc.   | Guy C. Pondleton, Deer Island, N.B.   |
| 116982       | Bessie B.                       | Kenora                                      | 1901                | Th. of Spion, Ont.                    | 60 0   | 13 0   | 5 0   | 53                              | 36   | 2 sc.   | Jos. F. Badreau, Rainy River, Ont.  |
| 122564       | Bessie Butler                   | Peterboro                                   | 1907                | Peterboro, Ont.                       | 78 0   | 17 6   | 7 5   | 77                              | 52   | 29 sc.  | The Minister of Railways and Canals, Ottawa, Ont.                                     |
| 121272       | Bessie Dollar                   | Vancouver                                   | 1905                | Port Glasgow, G.B.                    | 369 7  | 59 0   | 26 7  | 1,329                           | 2,798                                      | 241 sc.   | Dollar Steamship Lines, Ltd., 1112 Standard Bank Bldg., Vancouver, B.C.               |
| 122948       | <i>Bessie F. Morse</i>          | Toronto                                     | 1907                | Gravenhurst, Ont.                     | 66 0   | 17 1   | 6 5   | 4                               | 3  | 3 sc.   | Herbert Ditchburn, Gravenhurst, Ont.  |
| 130515       | <i>Bessie M. Morse</i>          | Weymouth                                    | 1914                | Liverpool, N.S.                       | 26 0   | 6 2  | 2 5   | 44                              | 35   | 1 sc.   | Clinton McLaughlin and Edk. McLaughlin, Seal Cove, Grand Manan, N.B.                  |
| 117087       | Bessie M.                       | Collingwood                                 | 1907                | Collingwood, Ont.                     | 69 6   | 15 0   | 6 5   | 44                              | 39   | 131 sc.   | James F. McDonald, Blind River, Ont.  |
| 141237       | <i>Bessie M. Dugan</i>          | Charlottetown                               | 1907                | East Boothbay, Me., U.S.A.            | 71 1   | 17 3   | 7 5   | 51                              | 35   | 3 sc.   | Star Packet Co., Ltd., Charlottetown, P.E.I.  |
| 82967        | <i>Bessie May</i>               | Halifax                                     | 1883                | Carlleton, N.B.                       | 59 0   | 16 4   | 5 8   | 26                              | 25   | 2 sc.   | Clifford G. Williams, Ostrea Lake, N.S.   |
| 122004       | <i>Beta</i>                     | Kenora                                      | 1906                | Hamilton, Ont.                        | 23 0   | 6 3  | 3 8   | 2                               | 2  | 1 sc.   | John A. Johnston, Iqeoq, Ont.   |
| 121959       | <i>Bethama</i>                  | Toronto                                     | 1899                | Wilmington, Del., U.S.A.              | 110 3  | 16 4   | 10 2  | 113                             | 52   | 30 sc.  | Toronto Harbour Commissioners, Toronto, Ont.  |
| 150314       | <i>Bethana</i>                  | Prince Rupert                               | 1908                | Dockton, Wash., U.S.A.                | 43 0   | 13 6   | 5 0   | 23                              | 15   | 25 sc.  | Donald H. Bell and Horace J. Bradbury, Prince Rupert, B.C.                            |
| 137878       | <i>Betty B.</i>                 | Lanenburg                                   | 1912                | Panook, N.S.                          | 40 2   | 9 8  | 5 3   | 11                              | 10   | 3 sc.   | John S. Taylor and John A. Hindson, Port Bickerton, N.S.                              |
| 131010       | <i>Betty D.</i>                 | St. John, N.B.                              | 1898                | Buffalo, N.Y., U.S.A.                 | 86 2   | 23 4   | 10 8  | 145                             | 98   | 59 sc.  | Bathurst Lumber Co., Ltd., Bathurst, N.B.   |
| 126435       | <i>Beugel</i>                   | Vancouver                                   | 1907                | Vancouver, B.C.                       | 26 0   | 7 5  | 3 5   | 7                               | 5  | 1 sc.   | Mrs. Cecilia Duffy, Eburne, B.C.  |
| 72034        | Bienvenu                        | Quebec                                      | 1875                | Pointe aux Trembles, Que.             | 144 0  | 25 0   | 8 0   | 648                             | 373  | 59 pa.  | Zephirin Arpin, Lanoraie, Que.  |
| 141741       | <i>Bikira</i>                   | Quebec                                      | 1919                | St. Laurent, Is. of Orleans, Que.     | 30 0   | 8 0  | 3 6   | 7                               | 5  | 1 sc.   | Chantier Maritime De St. Laurent Limitée, Isld. of Orleans, Que.                      |
| 116833       | <i>Bill</i>                     | Kingston                                    | 1900                | Gaanogue, Ont.                        | 21 6   | 6 2  | 2 0   | 2                               | 1  | 1 sc.   | Manley Cross, Gananoque, Ont.   |
| 126544       | <i>Biliken</i>                  | Vancouver                                   | 1909                | Vancouver, B.C.                       | 29 2   | 8 1  | 4 9   | 9                               | 6  | 2 sc.   | Henry Burehol, Thetis Is., B.C.   |
| 141755       | <i>Bilce</i>                    | Montreal                                    | 1919                | Comanagbi, Ont.                       | 37 7   | 8 3  | 2 7   | 7                               | 2  | 3 sc.   | Samuel Biree, Comanaght Is., Ont.   |
| 134105       | <i>Biwako</i>                   | Vancouver                                   | 1914                | Vancouver, B.C.                       | 38 3   | 9 0  | 4 5   | 11                              | 8  | 1 sc.   | Sakietli Segawa, Vancouver, B.C.  |
| 124003       | <i>Black Fox</i>                | Winnipeg                                    | 1915                | Athabaska Landing, Alta.              | 38 4   | 7 8  | 2 4   | 10                              | 5  | 6 sc.   | Ellis E. Smalley, Athabaska Landing, Alberta.   |

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| 133757 | Black Jack                 | St. Andrews      | 1910 | Seal Cove, Grand Manan, N.B.  | 29 4  | 12 6 | 5 0  | 11    | 7     | 1 sec.     | John Joy, Seal Cove, Grand Manan, N.B.   |
|--------|----------------------------|------------------|------|-------------------------------|-------|------|------|-------|-------|------------|--|
| 134125 | Black Raven                | New Westminster  | 1913 | Vancouver, B.C.               | 50 0  | 11 3 | 4 7  | 23    | 16    | 2 sec.     | The Minister of Marine and Fisheries, Ottawa, Ont.   |
| 134129 | Bianca                     | New Westminster  | 1907 | Bellingham, Wash., U.S.A.     | 45 6  | 10 1 | 3 6  | 23    | 16    | 3 sec.     | George D. Brynner, White Rock, B.C.  |
| 111698 | Blair of Abiel             | New Westminster  | 1900 | Atlin, B.C.                   | 51 0  | 9 0  | 4 5  | 11    | 7     | 1 sec.     | The Northern Lumber Co., Ltd., Atlin, B.C.   |
| 126438 | Blanch B                   | Vancouver        | 1909 | Steveston, B.C.               | 36 8  | 9 5  | 4 0  | 18    | 12    | 2 sec.     | Thomas Marshall, Vancouver, B.C.   |
| 116855 | Blanche                    | Lanenburg        | 1905 | Sable River, N.S.             | 37 1  | 13 5 | 4 9  | 12    | 11    | 1 sec.     | John Spindler, M. O., Lower Rose Bay, N.S.   |
| 131070 | Blanche L. G.              | Lanenburg        | 1912 | Blanford, N.S.                | 41 0  | 10 6 | 5 8  | 12    | 11    | 1 sec.     | Warren Gates, Blanford, N.S.   |
| 140966 | Blanche Marie              | Montreal         | 1917 | Comaught, Ont.                | 32 3  | 9 8  | 3 6  | 11    | 3     | 1 2 sec.   | John J. Edwards and Alfred H. Reamsbottom, Comaught Station, Ont., J.O.                                |
| 131080 | Blanche N.                 | Lanenburg        | 1907 | Little Tancook, N.S.          | 40 2  | 10 3 | 5 8  | 11    | 10    | 2 sec.     | Bank Donmye, Fox's Point, N.S.   |
| 133757 | Bianco                     | St. John, N.B.   | 1913 | St. John, N.B.                | 29 1  | 9 6  | 4 4  | 8     | 5     | 2 sec.     | Robert R. Ivey, St. John, N.B.   |
| 126504 | Blancys                    | Victoria         | 1909 | Ladysmith, B.C.               | 35 0  | 9 4  | 3 4  | 7     | 4     | 1 sec.     | Charles A. Ryan, Ladysmith, B.C.   |
| 133249 | Blancher C.                | Lanenburg        | 1916 | Tancook, N.S.                 | 41 4  | 10 7 | 5 6  | 12    | 11    | 1 sec.     | Wilfred Baker, Liscomb, N.S.   |
| 134526 | Blackhouse                 | Sydney, N.S.     | 1915 | Port Morien, N.S.             | 33 0  | 11 1 | 6 0  | 13    | 12    | 1 sec.     | Nathaniel Lamb, Englishtown, N.S.  |
| 96989  | Blonde                     | Vancouver        | 1891 | New Westminster, B.C.         | 56 0  | 12 2 | 5 6  | 12    | 7     | 1 sec.     | Lambertson Lumber Co., Ltd., Winnipeg, Man.  |
| 137494 | Blossom Heathl.            | Montreal         | 1916 | Howdon-on-Tyne, G.B.          | 400 0 | 52 0 | 27 4 | 5,870 | 3,798 | 535 sec.   | Stearn Navigation Co. of Canada, Ltd., 286 St. James St., Montreal, Que.                               |
| 121849 | Blue Bell                  | Toronto          | 1906 | Toronto, Ont.                 | 150 0 | 30 0 | 7 2  | 752   | 451   | 48 1/2 hr. | The Toronto Ferry Co., Ltd., Toronto, Ont.   |
| 97033  | Blue Hill                  | Halifax          | 1887 | E. Boston, Mass., U.S.A.      | 135 0 | 18 0 | 7 0  | 196   | 120   | 38 sec.    | Roaddeck Steamship Co., Ltd., Baddeck, N.S.  |
| 134659 | Blueback                   | Victoria         | 1912 | Friday Harbour, U.S.A.        | 50 4  | 13 8 | 5 0  | 21    | 10    | 2 sec.     | The Straits Fish Co., Ltd., Nanaimo, B.C.  |
| 80960  | Bluebell                   | Kingston, Ont.   | 1888 | Kingston, Ont.                | 48 5  | 9 9  | 3 6  | 12    | 8     | 5 sec.     | Stanley J. and Wm. J. Smith, Kingston, Ont.  |
| 133763 | Bluebird H.                | Victoria         | 1912 | Victoria, B.C.                | 30 0  | 7 0  | 3 4  | 4     | 3     | 1 sec.     | Henry K. Nelson, Victoria, B.C.  |
| 126063 | Boaz                       | Vancouver        | 1908 | Vancouver, B.C.               | 31 0  | 8 2  | 4 4  | 9     | 6     | 2 sec.     | Dr. William Mason, Nanaimo, B.C.   |
| 122563 | Bob Hall                   | Peterboro, Ont.  | 1907 | Peterboro, Ont.               | 49 0  | 12 6 | 6 0  | 27    | 19    | 16 sec.    | The Minister of Railways and Canals, Ottawa, Ont.  |
| 107599 | Bobs                       | Owen Sound       | 1900 | Toronto, Ont.                 | 66 0  | 10 5 | 5 0  | 38    | 26    | 6 sec.     | La Cleve Navigation, Ville Marie, Que.   |
| 117887 | Bobs                       | Peterborough     | 1904 | Peterborough, Ont.            | 28 5  | 9 0  | 3 7  | 11    | 8     | 1 sec.     | James J. Rogers, Peterborough, Ont.  |
| 111506 | Bobs                       | St. John, N.B.   | 1900 | St. Joseph, Mich., U.S.A.     | 15 2  | 4 8  | 1 8  | 1     | 1     | 1 sec.     | Wm. Walker, Fredericton, N.B.  |
| 111563 | Bobs                       | Toronto          | 1900 | Toronto, Ont.                 | 31 0  | 9 0  | 4 0  | 6     | 3     | 3 sec.     | Amrose A. Kirby, Toronto, Ont.   |
| 103828 | Bogan                      | Paspebiac        | 1909 | New Richmond, Que.            | 44 0  | 13 2 | 3 2  | 28    | 18    | 3 1/2 hr.  | Montgomery & Sons, Co., Ltd., New Richmond, Que.   |
| 131024 | Bold Mary                  | Vancouver        | 1911 | Vancouver, B.C.               | 54 5  | 10 2 | 4 7  | 15    | 10    | 2 sec.     | Whelan Pulp & Paper Mills, Ltd., Merchants Bank Bldg., Vancouver, B.C.                                 |
| 126630 | Botinder                   | Port Dover       | 1920 | Port Dover, Ont.              | 63 0  | 15 3 | 6 3  | 36    | 16    | 8 sec.     | Port Dover Fish Co., Ltd., Port Dover, Ont.  |
| 123436 | Bon Ami                    | Sault-Ste. Marie | 1902 | Manitowoc, Wis., U.S.A.       | 105 0 | 23 4 | 8 0  | 245   | 142   | 24 sec.    | T. C. and C. L. Downs, Little Current, Ont.  |
| 133140 | Bon Desir                  | Quebec           | 1912 | Grandes Bergeronnes, Que.     | 65 1  | 24 5 | 6 7  | 65    | 55    | 1 sec.     | Mrs. A. Duclene, Mile Vaques, Que.   |
| 107857 | Bonanza King               | Dawson           | 1898 | Dutch Harbour, Alaska, U.S.A. | 140 3 | 31 3 | 5 8  | 466   | 290   | 77 1/2 hr. | The British Yukon Navigation Co., Ltd., Vancouver, B.C.  |
| 130681 | Bonilla                    | Vancouver        | 1917 | Tacoma, Wash., U.S.A.         | 62 4  | 17 6 | 7 7  | 57    | 39    | 5 sec.     | Launni Bay Packing Co., Ltd., 602-744 Hastings St. W., Vancouver, B.C.                                 |
| 100425 | Bonnehore                  | Ottawa           | 1893 | Sincoon, Ont.                 | 35 0  | 16 0 | 3 0  | 13    | 8     | 20 sec.    | H. F. McLaughlin and Claude Melachlin, J. O., Amprior, Ont.  |
| 134117 | Bonnie Clarith             | Vancouver        | 1914 | Vancouver, B.C.               | 37 0  | 10 0 | 4 4  | 11    | 8     | 1 sec.     | John Hargest, Port Cove, B.C.  |
| 134318 | Bonnie Mac                 | Kenora           | 1912 | Dryden, Ont.                  | 47 0  | 13 0 | 5 0  | 28    | 19    | 3 sec.     | Dryden Timber & Power Co., Ltd., Dryden, Ont.  |
| 130535 | Bonington                  | Vancouver        | 1911 | Nakusp, B.C.                  | 202 5 | 39 1 | 7 5  | 1,700 | 955   | 98 1/2 hr. | Canadian Pacific Railway Co., Montreal, Que.   |
| 122278 | Bonitoba                   | Winnipeg         | 1910 | Winnipeg, Man.                | 118 6 | 22 3 | 4 0  | 128   | 81    | 4 pa.      | The Highland Navigation & Trading Co., Ltd., Winnipeg, Man.  |
| 122449 | Bonsell                    | St. John, N.B.   | 1908 | Shelburne, N.S.               | 35 9  | 7 6  | 3 0  | 6     | 4     | 1 sec.     | George E. C. Gandy, St. John, N.B.   |
| 131911 | Boontoon                   | Sydney, N.S.     | 1871 | Philadelphia, Pa., U.S.A.     | 75 0  | 18 5 | 8 9  | 115   | 53    | 48 sec.    | David Rudderick, North Sydney, N.S.  |
| 134521 | Boothby                    | Vancouver        | 1909 | Vancouver, B.C.               | 46 0  | 11 6 | 4 4  | 27    | 18    | 10 sec.    | Patrick J. Russell, Vancouver, B.C.  |
| 97139  | Borealis                   | Vancouver        | 1891 | Victoria, B.C.                | 71 5  | 21 4 | 7 8  | 55    | 28    | 5 sec.     | Deliancee Packing Co., Ltd., 703-602 Hastings St. W., Vancouver, B.C.                                  |
| 109945 | Borribooth-Gha             | Chatham, N.B.    | 1899 | Dalhousie, N.B.               | 108 0 | 19 0 | 6 8  | 90    | 60    | 30 pa.     | R. A. Suoyball, Chatham, N.B.  |
| 90546  | Boucherville               | Montreal         | 1886 | Sorel, Que.                   | 178 9 | 26 3 | 9 2  | 419   | 256   | 85 pa.     | Alexandre Desmarcay, Montreal, Que.  |
| 100370 | Bourgeois                  | Quebec           | 1892 | Three Rivers, Que.            | 108 0 | 20 0 | 5 8  | 94    | 59    | 20 pa.     | The Corporation of the City of Three Rivers, Que.  |
| 130375 | Boz Echo                   | Peterboro        | 1911 | Peterboro, Ont.               | 33 8  | 7 0  | 3 4  | 4     | 4     | 1 1/2 sec. | The Peterboro Steam Co., Ltd., Peterboro, Ont.   |
| 96995  | Bowen                      | Vancouver        | 1891 | Vancouver, B.C.               | 159 0 | 32 0 | 9 4  | 821   | 558   | 5 1/2 sec. | The Terminal Steam Navigation Co., Ltd., Vancouver, B.C.   |
|        | Formerly a sailing vessel. |                  |      | Foreign name "Navigator"      |       |      |      |       |       |            | Foreign name "Silver Spray," formerly "Kerry Range," formerly "Hochelaga," formerly "City of Nanaimo." |
|        | Foreign name "Wauneta,"    |                  |      | Foreign name "Mariposa,"      |       |      |      |       |       |            | Registered after wreck.  |

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—*A.O.*, Joint Owners—propriétaires conjoints; *M.O.*, Managing owner—propriétaires gérant; *P.*, Paddle—à aubes; *S.*, Screw—à hélice.   
 © Equipped with Wireless—Muni de la T. S. F.—Names of Motor Vessels in *italics*—Les noms des vapeurs à moteurs sont en *italiques*.

| Official No.<br>N <sup>o</sup> officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. |   | Built.<br>Construit en | Where Built.<br>Lieu de construction. |                                       | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en c. v. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--|---------------------------------|---|---|------------------------|---------------------------------------|---------------------------------------|---|---|--|---------------------------------|--|---|---|
|  |                                 | Port of Registry.<br>Port d'enregistrement. | Port of Registry.<br>Port d'enregistrement. |                        | Where Built.<br>Lieu de construction. | Where Built.<br>Lieu de construction. |   |   |  |                                 |  |   |   |
| 107788                                   | Bras D'Or                       | Sydney                                      | N.S.  | 1919                   | La Homme Bay                          | N.S.                                  | 128.8   | 28.0  | 9.1  | 371                             | 136  | 71 sc.  | Coastal Steam Ship Co., Ltd., Sydney, N.S.  |
| 122256                                   | Beant                           | Ottawa                                      |   | 1899                   | Charlottetown                         | P.E.I.                                | 100.4   | 19.1  | 8.5  | 142                             | 58   | 33 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 116875                                   | Beant                           | Quebec                                      |   | 1905                   | New York                              | N.Y., U.S.A.                          | 31.4  | 8.0   | 3.4  | 6                               | 5  | 11 sc.  | Joseph K. Rossell, Quebec, Que.   |
| 133407                                   | Beant                           | St. Catharines                              |   | 1905                   | Pl. Robinson                          | Ont.                                  | 55.0  | 7.3   | 4.9  | 33                              | 33   | 8 sc.   | Canadian Dredging Co., Ltd., Midland, Ont.  |
| 130571                                   | Beruda C                        | Halifax                                     |   | 1910                   | Tancook                               | N.S.                                  | 41.4  | 10.3  | 5.8  | 12                              | 11   | 3 sc.   | Arthur Zinek, Halifax, N.S.   |
| 96081                                    | Bridgewater                     | Halifax                                     |   | 1889                   | Dunbarton                             | G.B.                                  | 120.0   | 20.0  | 9.0  | 208                             | 119  | 54 sc.  | Bridgewater Wrecking Co., Ltd., Halifax, N.S.   |
| 111995                                   | Britannia                       | Vancouver                                   |   | 1902                   | Vancouver                             | B.C.                                  | 104.8   | 22.4  | 6.9  | 326                             | 222  | 33 sc.  | Robert D. Thompson, Vancouver, B.C.   |
| 100188                                   | Britannic                       | Collingwood                                 |   | 1866                   | Sorel                                 | Que.                                  | 150.8   | 25.6  | 9.2  | 428                             | 228  | 41 hp.  | Montreal & Cornwall Navigation Co., Ltd., Cornwall, Ont.                              |
| 121915                                   | British Lion                    | Kenora                                      |   | 1892                   | Rehault                               | Que.                                  | 38.0  | 10.0  | 4.0  | 22                              | 15   | 2 hp.   | Rainy River Lumber Co., Ltd., Rainy River, Ont.                                       |
| 107421                                   | Brookville                      | Picton                                      | Ont.  | 1898                   | Simcoe                                | Ont.                                  | 105.0   | 21.5  | 5.7  | 191                             | 88   | 14 sc.  | Kingston Navigation Co., Ltd., Kingston, Ont.   |
| 92615                                    | Brothers                        | Port Arthur                                 |   | 1886                   | Port Arthur                           | Ont.                                  | 39.4  | 9.8   | 5.8  | 18                              | 12   | 6 sc.   | E. T. Morrow, Port William, Ont.  |
| 133702                                   | Brown Brothers                  | Port Stanley                                |   | 1915                   | Port Stanley                          | Ont.                                  | 75.2  | 16.5  | 7.7  | 64                              | 41   | 13 sc.  | A. C. Brown, St. Thomas, Ont., and C. E. Brown, Port Stanley, Ont., J.O.              |
| 103715                                   | Bruce Cann                      | Yarmouth                                    |   | 1898                   | Liverpool                             | N.S.                                  | 70.0  | 17.0  | 7.5  | 48                              | 32   | 16 sc.  | Hugh Cann & Sons, Ltd., Yarmouth, N.S.  |
| 141235                                   | Brudenell                       | Charlottetown                               |   | 1913                   | Yarmouth                              | N.S.                                  | 54.5  | 23.4  | 5.2  | 49                              | 41   | 3 sc.   | Commissioner of Public Works, Charlottetown, P.E.I.                                   |
| 122253                                   | Brubel                          | Quebec                                      |   | 1903                   | Salmon Lake                           | Que.                                  | 32.0  | 10.5  | 3.5  | 8                               | 6  | 1 hp.   | George L. Paradis, Salmon Lake, Que.  |
| 94902                                    | Brustee                         | Vancouver                                   |   | 1890                   | New Westminster                       | B.C.                                  | 56.9  | 13.8  | 7.5  | 42                              | 25   | 13 sc.  | Murray Robertson Cliff, Vancouver, B.C.   |
| 138325                                   | Brunswick Maid                  | St. Andrews                                 |   | 1920                   | Deer Isld.                            | N.B.                                  | 68.0  | 14.4  | 4.2  | 33                              | 33   | 3 sc.   | Cannors Bros., Ltd., Black's Harbour, N.B.  |
| 134655                                   | Bubbles                         | Vancouver                                   |   | 1912                   | Vancouver                             | B.C.                                  | 36.5  | 8.7   | 4.2  | 7                               | 5  | 1 sc.   | Adams River Lumber Co., Ltd., Chase, B.C.   |
| 135152                                   | Budd II                         | Vancouver                                   |   | 1915                   | Vancouver                             | B.C.                                  | 37.0  | 9.5   | 4.2  | 15                              | 10   | 1 sc.   | Canada Timber and Lands, Ltd., 81 King St. E., Toronto, Ont.                          |
| 130325                                   | Bueno Vista                     | Kingston                                    |   | 1911                   | Kingston                              | Ont.                                  | 93.6  | 18.8  | 6.8  | 141                             | 73   | 13 sc.  | Albert J. Randall, Kingston, Ont.   |
| 122598                                   | Budy II                         | St. John, N.B.                              |   | 1909                   | Indian Island                         | N.B.                                  | 29.5  | 7.4   | 6.6  | 6                               | 6  | 1 hp.   | Crandall Harrison & Company, Limited, Newcastle, N.B.                                 |
| 134037                                   | Bundeis                         | Vancouver                                   |   | 1913                   | Vancouver                             | B.C.                                  | 30.0  | 4.6   | 2.0  | 1                               | 1  | 1 sc.   | Cyril F. Davies, Victoria, B.C.   |
| 130351                                   | Bunny                           | Arichat                                     |   | 1910                   | St. Peter's                           | N.S.                                  | 43.8  | 12.4  | 5.4  | 14                              | 13   | 7 sc.   | The Stewart Fish Co., Ltd., St. Peter's, N.S.   |
| 126015                                   | Bunney                          | Annapolis Royal                             | N.S.  | 1909                   | Annapolis Royal                       | N.S.                                  | 32.2  | 8.6   | 3.1  | 10                              | 7  | 1 sc.   | Arthur G. Golding, St. John, N.B.   |
| 117018                                   | Burrard                         | New Westminster                             |   | 1905                   | Vancouver                             | B.C.                                  | 63.6  | 11.2  | 6.5  | 58                              | 37   | 10 sc.  | Monarch Towing & Trading Co., Ltd., New Westminster, B.C.                             |
| 141702                                   | Burrard Chief                   | Vancouver                                   |   | 1919                   | Vancouver                             | B.C.                                  | 67.2  | 9.9   | 6.1  | 99                              | 58   | 27 sc.  | The Pacific Construction Co., Ltd., 141-510 Hastings St., Vancouver, B.C.             |
| 120403                                   | Burwash                         | Ottawa                                      |   | 1909                   | Kippewa                               | Que.                                  | 68.5  | 15.1  | 5.8  | 45                              | 28   | 18 hp.  | McLachlin Bros., Ltd., Amprior, Ont.  |
| 138028                                   | Bustekagan                      | Kenora                                      |   | 1918                   | Fort Frances                          | Ont.                                  | 43.5  | 11.0  | 4.5  | 30                              | 23   | 5 sc.   | Shevlin Clarke Co., Ltd., Fort Frances, Ont.  |
| 133718                                   | Buster B                        | Vancouver                                   |   | 1912                   | Vancouver                             | B.C.                                  | 46.0  | 14.0  | 6.0  | 34                              | 13   | 10 sc.  | Christopher E. Keeling, North Vancouver, B.C.   |
| 141006                                   | Busy                            | Quebec                                      |   | 1919                   | Lauzon                                | Que.                                  | 78.0  | 20.0  | 9.6  | 115                             | 5  | 42 sc.  | Davie Shipbuilding and Repairing Co., Ltd., Lauzon, Que.                              |



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| No.    | Name               | Port of Origin   | Year | Tonnage | Length | Breadth | Depth | Speed | Engine     | Remarks  |
|--------|--------------------|------------------|------|---------|--------|---------|-------|-------|------------|--|
| 100135 | Bute               | Vancouver        | 1899 | 28 6    | 6 7    | 2 6     | 4     | 3     | 3 sc.      | E. E. Evans, Vancouver, B. C.  |
| 111785 | Bute               | Victoria         | 1901 | 29 0    | 8 4    | 2 9     | 7     | 3     | 1 sc.      | Cowichan Lumber Co., Ltd., Duncan's, B. C.                                   |
| 116107 | Bute               | Vancouver        | 1904 | 60 5    | 14 4   | 7 0     | 49    | 26    | 3 sc.      | John D. McNeil, Vancouver, B. C.   |
| 141121 | C. 5               | Vancouver        | 1918 | 46 9    | 10 4   | 4 3     | 23    | 16    | 2 sc.      | Thomas Yates, Vancouver, B. C.   |
| 138785 | C. & C.            | Victoria         | 1918 | 38 4    | 11 6   | 4 2     | 17    | 8     | 1 1/2 sc.  | Veterans Products Co., Ltd., Central Bldg., View St., Victoria, B. C.        |
| 136929 | C. A. B.           | Quebec           | 1909 | 55 6    | 15 0   | 5 7     | 30    | 12    | 5 sc.      | Charles A. Bernier, St. Joseph de Levis, Que.                                |
| 141922 | C. C. 1            | New Westminster  | 1913 | 38 0    | 9 0    | 5 0     | 13    | 9     | 8 sc.      | George A. Misoner, Vancouver, B. C.  |
| 133352 | C. C. 2            | Vancouver        | 1916 | 52 2    | 14 7   | 6 8     | 35    | 24    | 4 sc.      | The Packers Steamship Co., Ltd., Vancouver, B. C.                            |
| 133353 | C. C. 3            | New Westminster  | 1912 | 46 0    | 11 9   | 5 0     | 24    | 15    | 5 sc.      | Canadian Fish Products, Ltd., 39 Old Broad St., London, Eng.                 |
| 133348 | C. C. 4            | Vancouver        | 1913 | 37 0    | 9 4    | 4 5     | 13    | 9     | 1 sc.      | William Evershank, et al., J. O., Vancouver, B. C.                           |
| 141187 | C. H. J.           | Victoria         | 1918 | 42 6    | 9 6    | 3 8     | 12    | 8     | 3 sc.      | Huronaiske Hashimoto, Steveston, B. C.                                       |
| 141110 | C. H. 2            | Vancouver        | 1911 | 27 0    | 7 4    | 2 8     | 7     | 5     | 2 sc.      | Alfred J. Reid, Vancouver, B. C.   |
| 85105  | C. A. Boone        | Vancouver        | 1882 | 63 6    | 15 5   | 7 4     | 44    | 30    | 8 sc.      | Charles S. Boone, Toronto, Ont.  |
| 85106  | C. B. Powell       | Collingwood      | 1887 | 139 0   | 36 0   | 7 2     | 272   | 172   | 21 pa.     | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                         |
| 85107  | C. B. Powell       | Ottawa           | 1887 | 139 0   | 36 0   | 7 2     | 272   | 172   | 21 pa.     | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                         |
| 130290 | C. C. Lloyd        | St. Catharines   | 1913 | 62 0    | 14 4   | 5 3     | 40    | 27    | 10 sc.     | Charles C. Smith, Danville, Ont., and Frank Ross, Port Maitland, N. S.       |
| 104785 | C. B. Ainsworth    | Sault Ste. Marie | 1901 | 81 6    | 18 4   | 7 4     | 76    | 48    | 19 sc.     | Booth Fisheries Canadian Co., Ltd., 29 West Market St., Toronto, Ont.        |
| 141770 | C. E. Bush         | Montreal         | 1911 | 41 5    | 13 0   | 5 0     | 20    | 9     | 6 sc.      | The Riondon Pulp & Paper Co., Ltd., 355 Beaver Hall Square, Montreal, Que.   |
| 92657  | C. D. Dunbar       | St. Catharines   | 1871 | 47 3    | 13 0   | 5 0     | 33    | 22    | 20 sc.     | James Pendergast, Cornwall, Ont.   |
| 112180 | C. F. Fiddly       | Toronto          | 1902 | 45 5    | 10 0   | 3 8     | 16    | 11    | 1 sc.      | James F. McCollman, Thessalon, Ont.  |
| 78039  | C. J. Merritt      | Toronto          | 1883 | 75 0    | 24 0   | 6 5     | 122   | 53    | 75 sc.     | A. M. Clark, M. O., Marysburgh, Ont.   |
| 129646 | C. J. Miller       | Ottawa           | 1907 | 85 4    | 18 0   | 5 7     | 56    | 50    | 5 pa.      | John R. Booth, Ottawa, Ont.  |
| 130574 | C. L. Miller       | Vancouver        | 1909 | 39 6    | 10 2   | 5 4     | 11    | 10    | 3/4 sc.    | Ainsley Zinck, Dover, N. S.  |
| 122998 | C. R. I. Lund      | Victoria         | 1907 | 91 3    | 19 9   | 4 0     | 192   | 121   | 34 pa.     | Arrow Lake Lumber Co., Ltd., Arrowhead, B. C.                                |
| 131054 | C. R. Smith        | Victoria         | 1912 | 96 0    | 17 6   | 4 2     | 202   | 127   | 19 1/2 pa. | Albert J. Mattes, Winnipeg, Man.   |
| 97133  | C. S. Parnell      | Quebec           | 1891 | 44 9    | 11 9   | 4 3     | 17    | 9     | 28 sc.     | La Cie Generale d'Entreprises Publiques, Levis, Que.                         |
| 80574  | C. W. Chamberlain  | Montreal         | 1881 | 127 0   | 25 6   | 9 7     | 385   | 243   | 45 sc.     | The Sincennes McNaughton Lime Ltd., 75 Common St., Montreal, Que.            |
| 116547 | C. W. Cole         | Kingston         | 1903 | 49 5    | 11 0   | 4 5     | 16    | 11    | 12 sc.     | Claude W. Cole, Milford, Ont.  |
| 131066 | C. W. Mason        | Kingston         | 1907 | 42 8    | 10 6   | 5 2     | 11    | 10    | 3/4 sc.    | Enos Sarty, M. O., La Have, N. S.  |
| 107733 | C. Herd            | Kingston         | 1899 | 49 3    | 8 2    | 3 7     | 7     | 5     | 8 sc.      | Mrs. Barbara Davis, Kingston, Ont.   |
| 138007 | C. K. Bandler      | Port Arthur      | 1916 | 46 0    | 15 0   | 5 5     | 28    | 19    | 7 sc.      | Alexander McKay, Rossport, Ont.  |
| 133825 | Cabota             | Montreal         | 1880 | 243 5   | 35 6   | 19 6    | 1530  | 932   | 104 sc.    | The Donnelly Salvage & Wrecking Co., Ltd., 193 Ontario St., Kingston, Ont.   |
| 138272 | Caldara            | St. Catharines   | 1912 | 60 0    | 16 0   | 5 6     | 44    | 17    | 5 sc.      | Geo. F. Little and John Siddall, Port Maitland, Ont.                         |
| 141570 | Calab (Tide)       | Vancouver        | 1914 | 35 1    | 8 7    | 3 4     | 9     | 6     | 1 sc.      | Caleb Hicks, Vancouver, B. C.  |
| 126796 | Call Creek's Pride | Vancouver        | 1910 | 44 4    | 11 3   | 4 3     | 21    | 11    | 1 1/2 sc.  | Brooks Bidlake Cedar Co., Ltd., 907 Rodgers Bldg., Vancouver, B. C.          |
| 97144  | Colla              | St. Andrews      | 1891 | 32 0    | 9 6    | 4 5     | 10    | 7     | 12 sc.     | Fred W. Richardson, West Isles, N. B.  |
| 100030 | Collinder          | Toronto          | 1892 | 30 0    | 6 6    | 2 4     | 2     | 1     | 1 1/2 sc.  | Isaac Dallery, Fairbank, Ont.  |
| 131131 | Collinet Island    | Ottawa           | 1909 | 42 0    | 18 0   | 5 0     | 18    | 12    | 1 pa.      | Fred Ladouceur, Calumet Island, Que.   |
| 133987 | Combie             | New Westminster  | 1908 | 40 5    | 9 5    | 3 1     | 12    | 8     | 1 sc.      | Sam Kee, Vancouver, B. C.  |
| 121204 | Comsuaun           | Vancouver        | 1905 | 192 7   | 35 2   | 14 9    | 1369  | 794   | 124 sc.    | Union Steamship Co. of British Columbia, Ltd., Carroll St., Vancouver, B. C. |
| 100869 | Compania           | Quebec           | 1893 | 48 4    | 12 2   | 5 0     | 23    | 16    | 4 sc.      | G. M. Stearns, Lake Megantic, Que.   |
| 130859 | Compass            | New Westminster  | 1912 | 33 8    | 12 0   | 3 9     | 9     | 6     | 1 sc.      | Leslie Calsar, Cobble Hills, B. C.   |
| 140976 | Concord            | New Westminster  | 1918 | 45 0    | 12 0   | 5 9     | 25    | 17    | 17 sc.     | George D. Brynner, New Westminster, B. C.                                    |
| 100392 | Canada             | Hamilton         | 1872 | 125 2   | 27 9   | 1 2     | 557   | 306   | 20 sc.     | J. S. Nesbit, Sarma, Ont.  |
| 116870 | Canada             | Ottawa           | 1904 | 206 0   | 25 2   | 13 3    | 411   | 269   | 36 sc.     | The Minister of the Naval Service, Ottawa, Ont.                              |
| 99675  | Canada             | Vancouver        | 1892 | 100 4   | 20 5   | 11 0    | 151   | 66    | 45 sc.     | Canadian Fishing Company, Limited, Gore Ave., Vancouver, B. C.               |
| 141801 | Canada II          | Vancouver        | 1920 | 47 0    | 12 1   | 6 3     | 28    | 19    | 2 sc.      | Spartaco Nakamura, West Vancouver, B. C.                                     |

\*Formerly "Kackel." †Formerly "Gertrude M." ‡Formerly "Brutus." §Formerly "Severn." ¶Formerly "G. E. Pattee." \*\*Formerly "Howard B. Payne." ††Formerly "C. N. Pratt." †††Foreign name "Huwathka." ††††Foreign name "Caru."

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations — Abréviations: **J.O.**, Joint Owners, propriétaires conjoints; **M.O.**, Managing owner, propriétaires gérant; **Fa.**, Pâtelle à mâles; **Sc.**, Screw — à hélice.  
 © Equipped with Wireless Muni de la T.S.F. — Names of Motor Vessels in Italics — Les noms des vapeurs à moteurs sont en italiques.

| Official No.<br>N <sup>o</sup> officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'immatriculation. | Built.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10 <sup>es</sup> . | Breadth in feet and 10ths.<br>Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths.<br>Profondeur en pieds et 10 <sup>es</sup> . | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en cv et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--|---------------------------------|--|------------------------|---------------------------------------|--|--|---|---------------------------------|--|--|---|
| 12527                                    | Canadian                        | Montreal                                     | 1907                   | Newcastle, G.B.                       | 248 3  | 43 0   | 22 8  | 2214                            | 1444                                       | 186 sc.  | Canada Steamship Lines, Limited, 9 Victoria Square, Montreal, Que.                    |
| 12533                                    | Canadian                        | Vancouver                                    | 1907                   | New Westminster, B.C.                 | 62 7   | 14 2   | 8 8   | 64                              | 44   | 12 sc.   | Robert McNair and Herman Wilbur, Vancouver, B.C.                                      |
| 14704                                    | Canadian                        | Victoria                                     | 1898                   | Victoria, B.C.                        | 146 5  | 33 4   | 4 7   | 716                             | 455  | 15 1/2 sc.   | British Yukon Navigation Co., Ltd., 589 Granville St., Vancouver, B.C.                |
| 141486                                   | Canadian Adventurer             | Montreal                                     | 1919                   | Port Arthur, Ont.                     | 251 3  | 43 9   | 20 3  | 2069                            | 1201                                       | 113 sc.  | Canadian Adventurer Ltd., 1 Toronto St., Toronto, Ont.                                |
| 141547                                   | Canadian                        | Montreal                                     | 1919                   | North Vancouver, B.C.                 | 331 0  | 46 7   | 23 2  | 3358                            | 2057                                       | 231 sc.  | Canadian Aviator Ltd., 1 Toronto St., Toronto, Ont.                                   |
| 141592                                   | Canadian Beaver                 | Montreal                                     | 1920                   | Kingston, Ont.                        | 251 0  | 43 6   | 23 6  | 2410                            | 1451                                       | 124 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 141825                                   | Canadian Carrier                | Montreal                                     | 1920                   | Port Arthur, Ont.                     | 319 6  | 44 2   | 22 4  | 3101                            | 1909                                       | 108 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 141831                                   | Canadian Conquerer              | Montreal                                     | 1920                   | Montreal, Que.                        | 400 0  | 52 3   | 28 5  | 5478                            | 3336                                       | 266 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 141703                                   | Canadian Exporter               | Montreal                                     | 1919                   | Vancouver, B.C.                       | 400 1  | 52 4   | 28 8  | 5493                            | 3385                                       | 266 1/2 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 141590                                   | Canadian Farmer                 | Montreal                                     | 1919                   | Collingwood, Ont.                     | 251 0  | 43 0   | 23 0  | 2410                            | 1460                                       | 124 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 15025                                    | Canadian Highland               | Montreal                                     | 1920                   | North Vancouver, B.C.                 | 400 0  | 52 4   | 28 8  | 5370                            | 3260                                       | 266 1/2 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 141478                                   | Canadian                        | Montreal                                     | 1920                   | Collingwood, Ont.                     | 251 0  | 43 0   | 23 0  | 2410                            | 1455                                       | 124 sc.  | Canadian Gannet Ltd., 1 Toronto St., Toronto, Ont.                                    |
| 141769                                   | Canadian Hunter                 | Montreal                                     | 1920                   | Manzan, Que.                          | 331 1  | 47 7   | 23 2  | 3610                            | 2189                                       | 231 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 141568                                   | Canadian Importer               | Montreal                                     | 1919                   | Vancouver, B.C.                       | 400 0  | 52 4   | 28 8  | 5465                            | 3400                                       | 282 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 141705                                   | Canadian Investor               | Montreal                                     | 1920                   | Vancouver, B.C.                       | 400 1  | 52 4   | 28 8  | 5497                            | 3384                                       | 266 1/2 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 141861                                   | Canadian Mariner                | Montreal                                     | 1920                   | Halifax, N.S.                         | 399 3  | 52 3   | 28 4  | 5384                            | 3311                                       | 266 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 141474                                   | Canadian                        | Montreal                                     | 1919                   | Montreal, Que.                        | 400 3  | 52 3   | 28 5  | 5439                            | 3336                                       | 266 sc.  | Canadian Millar Ltd., 1 Toronto St., Toronto, Ont.                                    |
| 141598                                   | Canadian Miner                  | Montreal                                     | 1920                   | Trenton, N.S.                         | 270 0  | 38 2   | 17 9  | 1766                            | 1013                                       | 116 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 141483                                   | Canadian                        | Montreal                                     | 1919                   | Montreal, Que.                        | 319 3  | 44 2   | 22 6  | 3161                            | 1929                                       | 226 sc.  | Canadian Navigator Ltd., 1 Toronto St., Toronto, Ont.                                 |
| 141761                                   | Canadian Observer               | Montreal                                     | 1920                   | Collingwood, Ont.                     | 251 0  | 43 0   | 23 0  | 2410                            | 1460                                       | 124 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 141760                                   | Canadian Otter                  | Montreal                                     | 1920                   | Welland, Ont.                         | 319 9  | 43 9   | 22 7  | 3097                            | 1887                                       | 188 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 141564                                   | Canadian                        | Montreal                                     | 1919                   | Montreal, Que.                        | 400 4  | 52 4   | 28 5  | 5758                            | 3549                                       | 266 sc.  | Canadian Pioneer Ltd., 1 Toronto St., Toronto, Ont.                                   |
| 141482                                   | Canadian Planter                | Montreal                                     | 1919                   | Montreal, Que.                        | 400 3  | 52 4   | 28 6  | 5399                            | 3333                                       | 266 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |

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|        |                            |                 |       |      |      |      |       |          |  |
|--------|----------------------------|-----------------|-------|------|------|------|-------|----------|--|
| 141729 | Canadian Prospect-<br>or © | Montreal        | 400 0 | 52 4 | 28 8 | 2492 | 3380  | 2663 se. | The Minister of Marine and Fisheries, Ottawa, Ont.                             |
| 140958 | Canadian Reuler ©          | Montreal        | 331 0 | 46 7 | 23 2 | 3381 | 2052  | 231 se.  | The Minister of Marine and Fisheries, Ottawa, Ont.                             |
| 141489 | Canadian Ranger ©          | Montreal        | 331 6 | 46 8 | 23 2 | 3551 | 2159  | 231 se.  | The Minister of Marine and Fisheries, Ottawa, Ont.                             |
| 140961 | Canadian Ranger ©          | Montreal        | 100 4 | 52 3 | 28 4 | 5752 | 3551  | 266 se.  | Canadian Ranger, Ltd., 1 Toronto St., Toronto, Ont.                            |
| 141366 | Canadian Revere ©          | Montreal        | 251 0 | 43 6 | 23 6 | 2409 | 1451  | 124 se.  | Canadian Revere, Ltd., 1 Toronto St., Toronto, Ont.                            |
| 141856 | Canadian Rover ©           | Montreal        | 251 0 | 43 6 | 23 6 | 2422 | 1464  | 124 se.  | The Minister of Marine and Fisheries, Ottawa, Ont.                             |
| 141824 | Canadian Runner ©          | Montreal        | 320 0 | 43 8 | 22 5 | 3091 | 1812  | 198 se.  | The Minister of Marine and Fisheries, Ottawa, Ont.                             |
| 141377 | Canadian Saffron ©         | Montreal        | 251 0 | 43 9 | 20 7 | 2186 | 1823  | 157 se.  | Canadian Sailor, Ltd., 1 Toronto St., Toronto, Ont.                            |
| 141859 | Canadian Saffron ©         | Montreal        | 270 0 | 38 2 | 17 9 | 1763 | 1041  | 166 se.  | The Minister of Marine and Fisheries, Ottawa, Ont.                             |
| 141531 | Canadian Saffron ©         | Montreal        | 270 0 | 38 2 | 17 9 | 1766 | 1041  | 116 se.  | The Minister of Marine and Fisheries, Ottawa, Ont.                             |
| 141368 | Canadian Seigneur ©        | Montreal        | 400 6 | 52 3 | 28 4 | 5757 | 3554  | 266 se.  | Canadian Seigneur, Ltd., 1 Toronto St., Toronto, Ont.                          |
| 141488 | Canadian Settler ©         | Montreal        | 331 3 | 46 8 | 22 9 | 3548 | 2155  | 231 se.  | Canadian Settler, Ltd., 1 Toronto St., Toronto, Ont.                           |
| 141479 | Canadian Signaller ©       | Montreal        | 251 0 | 43 6 | 23 6 | 2415 | 1455  | 124 se.  | Canadian Signaller, Ltd., 1 Toronto St., Toronto, Ont.                         |
| 141487 | Canadian Sower ©           | Montreal        | 251 3 | 43 9 | 20 3 | 2069 | 1201  | 146 se.  | Canadian Sower, Ltd., 1 Toronto St., Toronto, Ont.                             |
| 141481 | Canadian Spinner ©         | Montreal        | 400 0 | 52 4 | 28 5 | 5401 | 3331  | 266 se.  | Canadian Spinner, Ltd., 1 Toronto St., Toronto, Ont.                           |
| 141853 | Canadian Squatter ©        | Montreal        | 319 9 | 43 9 | 22 6 | 3091 | 1900  | 188 se.  | The Minister of Marine and Fisheries, Ottawa, Ont.                             |
| 141376 | Canadian Trader ©          | Montreal        | 251 0 | 43 8 | 20 7 | 2186 | 1283  | 157 se.  | Canadian Trader, Ltd., 1 Toronto St., Toronto, Ont.                            |
| 141585 | Canadian Trapper ©         | Montreal        | 331 3 | 46 8 | 23 3 | 3600 | 2183  | 231 se.  | The Minister of Marine and Fisheries, Ottawa, Ont.                             |
| 141431 | Canadian Trooper ©         | Montreal        | 220 0 | 44 2 | 22 9 | 3180 | 1953  | 226 se.  | Canadian Trooper, Ltd., 1 Toronto St., Toronto, Ont.                           |
| 141765 | Canadian Victor ©          | Montreal        | 400 0 | 52 4 | 28 5 | 5454 | 3340  | 266 se.  | The Minister of Marine and Fisheries, Ottawa, Ont.                             |
| 141424 | Canadian Volunteer ©       | Montreal        | 320 0 | 44 2 | 22 9 | 3188 | 1910  | 226 se.  | Canadian Volunteer, Ltd., 1 Toronto St., Toronto, Ont.                         |
| 140957 | Canadian Voyageur ©        | Montreal        | 319 4 | 44 3 | 22 6 | 3099 | 1868  | 226 se.  | Canadian Voyageur, Ltd., 1 Toronto St., Toronto, Ont.                          |
| 140960 | Canadian Warrior ©         | Montreal        | 251 0 | 43 6 | 23 6 | 2409 | 1453  | 124 se.  | Canadian Warrior, Ltd., 1 Toronto St., Toronto, Ont.                           |
| 141862 | Canadian Wimmer ©          | Montreal        | 349 8 | 52 2 | 28 5 | 5482 | 3375  | 266 se.  | The Minister of Marine and Fisheries, Ottawa, Ont.                             |
| 122192 | Canora                     | New Westminster | 333 3 | 6 3  | 4 3  | 5    | 2 se. |          | Charles A. Elliott, Harrison Hot Springs, B.C.                                 |
| 112553 | Canora                     | Brockville      | 39 6  | 8 8  | 3 2  | 10   | 7     | 5 se.    | John McGraw, Brockville, Ont.  |
| 133826 | Canobie                    | Montreal        | 259 3 | 37 4 | 19 8 | 1748 | 1051  | 94 se.   | Lehigh Coal Co., Ltd., 42 St. Sacrament St., Montreal, Que.                    |
| 138800 | Canora ©                   | Quebec          | 308 0 | 52 1 | 18 8 | 2383 | 940   | 190 se.  | Canadian Northern Steamships, Ltd., 1 Toronto St., Toronto, Ont.               |
| 122524 | Campse                     | Vancouver       | 58 8  | 14 0 | 8 8  | 56   | 38    | 9 se.    | Whalen Pulp and Paper Mills, Ltd., Merchants Bank Bldg., Vancouver, B.C.       |
| 126803 | Canso                      | Yarmouth        | 91 6  | 22 0 | 11 7 | 225  | 47    | 46 se.   | The Minister of Public Works, Ottawa, Ont.                                     |
| 130553 | Canow                      | Lunenburg       | 40 3  | 10 2 | 5 8  | 13   | 12    | 3 se.    | Charles R. Martin, M.O., Ketch Harbour, N.S.                                   |
| 141212 | Cap Finistere              | Vancouver       | 242 7 | 44 4 | 18 7 | 1471 | 1189  | 26 se.   | The William Loyal Shipbuilding Co., Ltd., Transportation Bldg., Montreal, Que. |
| 141210 | Cap Horn                   | Vancouver       | 242 7 | 44 4 | 18 7 | 1469 | 1184  | 17 se.   | The William Loyal Shipbuilding Co., Ltd., Transportation Bldg., Montreal, Que. |
| 141191 | Cap Nord                   | Vancouver       | 242 8 | 44 2 | 18 7 | 1468 | 1184  | 17 se.   | The William Loyal Shipbuilding Co., Ltd., Transportation Bldg., Montreal, Que. |
| 141229 | Cap Vert                   | Vancouver       | 242 7 | 44 4 | 18 7 | 1472 | 1177  | 17 se.   | The William Loyal Shipbuilding Co., Ltd., Transportation Bldg., Montreal, Que. |

\*Formerly a sailing vessel.

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—*Notations*: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Puddle—à aubes; Sc., Screw—à hélice.  
 © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in Italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths. | Breadth in feet and 10ths. | Depth in feet and 10ths. | Gross Tonnage. | Registered Tonnage. | H.P. of Engines and Mode of Propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|------------------------|---------------------------------------|---------------------------|----------------------------|--------------------------|----------------|---------------------|---|---|
| 141300       | <i>Cap Vincent</i> .....        | Vancouver.....                              | 1918                   | North Vancouver, B.C.....             | 242.7                     | 41.4                       | 18.7                     | 1471           | 1179                | 26 sc.                                  | The William Lyall Shipbuilding Co., Ltd., Transportation Bldg., Montreal, Que.        |
| 101261       | <i>Cape Diamond</i> .....       | Montreal.....                               | 1877                   | Wilmington, Del., U.S.A.....          | 251.0                     | 34.7                       | 7.9                      | 969            | 610                 | 120 sc.                                 | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                       |
| 141863       | <i>Cape Eternity</i> .....      | Montreal.....                               | 1910                   | Wyandotte, Mich., U.S.A.....          | 246.8                     | 42.3                       | 14.6                     | 2484           | 1407                | 183 sc.                                 | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                       |
| 122406       | <i>Cape St. Francis</i> .....   | Montreal.....                               | 1867                   | Sorel, Que.....                       | 268.2                     | 58.0                       | 11.1                     | 2064           | 1160                | 101 hp.                                 | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                       |
| 141785       | <i>Cape Sun</i> .....           | New Westminster.....                        | 1920                   | Steveston, B.C.....                   | 40.6                      | 9.9                        | 5.2                      | 15             | 10                  | 2 sc.                                   | Kakabai Noda, Steveston, B.C.   |
| 111934       | <i>Cape Trinity</i> .....       | Pictou, Ont.....                            | 1911                   | Collingwood, Ont.....                 | 219.6                     | 42.0                       | 10.4                     | 2165           | 1469                | 183 sc.                                 | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                       |
| 141700       | <i>Capitania</i> .....          | Vancouver.....                              | 1920                   | Vancouver, B.C.....                   | 135.0                     | 20.9                       | 8.2                      | 374            | 200                 | 51 sc.                                  | Union Steamship Co. of British Columbia, Ltd., Carroll St., Vancouver, B.C.           |
| 126822       | <i>Capitola</i> .....           | Toronto.....                                | 1904                   | Auburn, N.Y., U.S.A.....              | 30.0                      | 6.2                        | 3.6                      | 1              | 3                   | 1 sc.                                   | Robert W. Fawcett, Hamill's Point, Muskoka, Ont.                                      |
| 141790       | <i>Capono</i> .....             | New Westminster.....                        | 1920                   | New Westminster, B.C.....             | 36.3                      | 9.8                        | 4.6                      | 15             | 9                   | 2 sc.                                   | Wm. R. Jaynes, New Westminster, B.C.  |
| 100926       | <i>Capouanig</i> .....          | Toronto.....                                | 1888                   | French River, Ont.....                | 11.6                      | 1.1                        | 5.0                      | 18             | 12                  | 2 sc.                                   | Manley Chew, Midland, Ont.  |
| 141373       | <i>Captain Dan</i> .....        | Montreal.....                               | 1882                   | Buffalo, N.Y., U.S.A.....             | 230.6                     | 35.3                       | 17.3                     | 1167           | 711                 | 83 sc.                                  | La Compagnie d'Entreprises Publiques, 33 Fraser St., Lewis, Que.                      |
| 107139       | <i>Captain Jim</i> .....        | Goderich.....                               | 1902                   | Goderich, Ont., U.S.A.....            | 78.6                      | 17.8                       | 7.2                      | 58             | 39                  | 22 sc.                                  | Dominion Fish Co., Ltd., Winnipeg, Man.   |
| 137983       | <i>Captain Vigor</i> .....      | Kingston.....                               | 1895                   | Alexandria Bay, N.Y., U.S.A.....      | 78.1                      | 12.4                       | 4.4                      | 39             | 11                  | 13½ sc.                                 | Hon. F. G. Macdunnid, Toronto, Ont.   |
| 122557       | <i>Cara R.</i> .....            | Collingwood.....                            | 1918                   | Guanouque, Ont.....                   | 58.8                      | 9.6                        | 8.6                      | 23             | 16                  | 3 sc.                                   | George Rumpel, Kitchener, Ont.  |
| 116692       | <i>Caraboo</i> .....            | Kenora.....                                 | 1902                   | Fort Smith, Alta.....                 | 50.0                      | 10.2                       | 5.0                      | 29             | 19                  | 4 sc.                                   | Jas. Hilsop, Fort Rae, N.W.T., and Edmund Nage, Resolotion, N.W.T., J.O.              |
| 112903       | <i>Carberry</i> .....           | Winnipeg.....                               | 1903                   | Westbourne, Man.....                  | 69.8                      | 16.0                       | 5.0                      | 64             | 44                  | 6 sc.                                   | The Northern Fish Co., Ltd., Selkirk, Man.  |
| 122130       | <i>Carid</i> .....              | Vancouver.....                              | 1918                   | Selkirk, Man.....                     | 22.5                      | 7.0                        | 3.0                      | 3              | 2                   | 3 sc.                                   | Col. W. W. Baker, Crofton, B.C.   |
| 116219       | <i>Caribou</i> .....            | Sault Ste. Marie.....                       | 1906                   | Vancouver, B.C.....                   | 144.8                     | 26.6                       | 10.5                     | 597            | 371                 | 43 sc.                                  | Booth Fisheries Canadian Co., Ltd., 26 West Market St., Toronto, Ont.                 |
| 131124       | <i>Carillon</i> .....           | Ottawa.....                                 | 1912                   | Montreal, Que.....                    | 37.3                      | 14.5                       | 6.7                      | 41             | 24                  | 16½ sc.                                 | The Minister of Railways and Canals, Ottawa, Ont.                                     |
| 192416       | <i>Carlotia</i> .....           | Midland.....                                | 1908                   | Midland, Ont.....                     | 87.0                      | 18.7                       | 11.4                     | 49             | 31                  | 31 sc.                                  | James Playfair, Midland, Ont.   |
| 97154        | <i>Carlotta G. Cox</i> .....    | Vancouver.....                              | 1891                   | Victoria, B.C.....                    | 80.3                      | 21.2                       | 8.6                      | 82             | 49                  | 7 sc.                                   | Atlin Fisheries, Ltd., Vancouver, B.C.  |

| No.    | Name           | Port of Origin   | Tonnage | Registered | Owner                    | Agent |
|--------|----------------|------------------|---------|------------|--------------------------|-------|
| 135538 | *Carmouk       | Vancouver        | 1914    | 1122       | Caledonia, Wash., U.S.A. |       |
| 122638 | Garuel C       | Kingston, Ont.   | 1600    | 71         | Alexandria Bay, U.S.A.   |       |
| 112261 | Carroll        | Montreal         | 664     | 175        | Sorel, Que.              |       |
| 111863 | Carnalia       | Ottawa           | 390     | 98         | Carleton Place, Ont.     |       |
| 107238 | *Carolina      | Sorel            | 760     | 162        | Three Rivers, Que.       |       |
| 125513 | Carolina       | Vancouver        | 315     | 95         | Vancouver, B.C.          |       |
| 130746 | Garrick Castle | Vancouver        | 330     | 8          | Vancouver, B.C.          |       |
| 130638 | Garrick Helen  | Stant John, N.B. | 330     | 2          | Stant John, N.B.         |       |
| 111756 | Garrick L.     | Kenora           | 402     | 187        | Bellevue, Ont.           |       |
| 129745 | Garrick O.     | Ottawa           | 390     | 128        | Bellevue, Ont.           |       |
| 130430 | Casarco        | St. Andrews      | 1010    | 207        | Newcastle-on-Tyne, G.B.  |       |
|        |                |                  | 1710    | 167        | Stalburne, N.S.          |       |
| 131193 | Casarco No. 2  | St. Andrews      | 697     | 166        | Port Hawkesbury, N.S.    |       |
| 131192 | Casarco No. 4  | St. Andrews      | 454     | 122        | Bear River, N.S.         |       |
| 131191 | Casarco No. 5  | St. Andrews      | 454     | 122        | Bear River, N.S.         |       |
| 131199 | Casarco No. 6  | St. Andrews      | 454     | 125        | Little River, N.S.       |       |
| 131195 | Casarco No. 7  | St. Andrews      | 452     | 124        | Little River, N.S.       |       |
| 131200 | Casarco No. 8  | St. Andrews      | 453     | 126        | Comesauville, N.S.       |       |
| 133781 | Casarco No. 9  | St. Andrews      | 453     | 126        | Comesauville, N.S.       |       |
| 131196 | Casarco No. 10 | St. Andrews      | 500     | 127        | Lumenburg, N.S.          |       |
| 131197 | Casarco No. 11 | St. Andrews      | 500     | 127        | Lumenburg, N.S.          |       |
| 131198 | Casarco No. 12 | St. Andrews      | 500     | 127        | Lumenburg, N.S.          |       |
| 133782 | Casarco No. 14 | St. Andrews      | 450     | 124        | Souris, P.E.I.           |       |
| 103919 | Casca          | Victoria         | 1610    | 370        | Victoria, B.C.           |       |
| 112243 | Cascade        | Victoria         | 950     | 226        | White Horse, Y.T.        |       |
| 141555 | Caspian        | Vancouver        | 278     | 93         | Kingston, Ont.           |       |
| 121242 | Caspian        | Montreal         | 1776    | 434        | Ballard, Wash., U.S.A.   |       |
| 103473 | *Castiar       | Vancouver        | 1206    | 290        | Vancouver, B.C.          |       |
| 116069 | *Cassic Bell   | St. Andrews      | 433     | 131        | Meteghan, N.S.           |       |
| 138565 | Cassic J.      | Stalburne        | 510     | 145        | Port Clyde, N.S.         |       |
| 138799 | Castibneau     | Quebec           | 496     | 154        | Bic, Que.                |       |
| 130556 | Castlegar      | Vancouver        | 944     | 194        | Okanagan Landing, B.C.   |       |
| 122474 | Castor         | Ottawa           | 660     | 220        | Toronto, Ont.            |       |
| 77698  | *Catarnet      | Montreal         | 1746    | 332        | Hamilton, Ont.           |       |
| 141651 | Catherine M    | Yarmouth         | 873     | 215        | Belleveau's Cove, N.S.   |       |
| 103654 | Catharine S.   | Winnipeg         | 660     | 135        | Kenora, Ont.             |       |
| 134473 | Caughnawaga V. | Montreal         | 320     | 71         | Carleton Place, Ont.     |       |
| 137966 | Caughnawaga VI | Montreal         | 300     | 69         | Caughnawaga, Que.        |       |

2 sec... H. Bell-Irving & Co., Ltd., 222 Htelard St., Vancouver, B.C.  
 2 sec... William C. Cartwright, Kingston, Ont.  
 28 sec... The Minister of Public Works, Ottawa, Ont.  
 7 sec... Mrs. Eliza J. McCaushey and Geo. W. Leavel, North Bay, Ont.  
 2 sec... Louis Duergé, Three Rivers, Que.  
 11 sec... K. O. Larson and J. Erickson, Lund, B.C.  
 11 sec... Roland G. Wetton, New Westminster, B.C.  
 1 sec... Peter J. Veniot, Fredericton, N.B.  
 1 pt. ... Sam. Lomsbury, Bell City, Ont.  
 141 sec... The Minister of the Naval Service, Ottawa, Ont.  
 3 sec... Booth Fisheries Company of Canada, Ltd., Dominion Bank Bldg., Toronto, Ont.  
 4 sec... Booth Fisheries Company of Canada, Ltd., Dominion Bank Bldg., Toronto, Ont.  
 2 sec... Booth Fisheries Company of Canada, Ltd., Dominion Bank Bldg., Toronto, Ont.  
 2 sec... Booth Fisheries Company of Canada, Ltd., Dominion Bank Bldg., Toronto, Ont.  
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 1 sec... Booth Fisheries Company of Canada, Ltd., Dominion Bank Bldg., Toronto, Ont.  
 13 sec... Booth Fisheries Company of Canada, Ltd., Dominion Bank Bldg., Toronto, Ont.  
 1 sec... Booth Fisheries Company of Canada, Ltd., Dominion Bank Bldg., Toronto, Ont.  
 1 sec... Booth Fisheries Company of Canada, Ltd., Dominion Bank Bldg., Toronto, Ont.  
 17 pt. ... The British Yukon Navigation Co., Ltd., Vancouver, B.C.  
 16 sec... Cascade Freight & Towing Co., Ltd., 715 Belmont House Victoria, B.C.  
 1 sec... John E. Roberts, Vancouver, B.C.  
 58 pt. ... Alphonse A. Laroque, Montreal, Que.  
 43 sec... Union Steamship Co. of British Columbia, Limited, Vancouver, B.C.  
 13 sec... Boardman A. Cheney, Grand Manan, N.B.  
 2 sec... Harbord R. and John W. Swain, Lockeport, N.S.  
 16 sec... John A. Allard, Charlton, Que.  
 27 sec... Canadian Portland Cement Co., Montreal, Que.  
 33 pt. ... The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.  
 66 sec... Montreal Transportation Co., Ltd., 14 Place Royale, Montreal, B.C.  
 1 sec... The Catherine M. Shipbuilding Co., Ltd., Bellevue's Cove, N.S.  
 4 sec... John Short, Kenora, Ont.  
 1 sec... Philiza Meloche, Caughnawaga, Que.  
 3 sec... Philiza Meloche, Caughnawaga, Que.  
 10 formerly "Syracuse" and "Geronia".  
 10 formerly "J. K. McDonald".  
 10 formerly a sailing vessel and former str "Myles".  
 10 formerly "Sydney" and "St. Irene".  
 10 formerly "Canada" and "St. Irene".  
 10 formerly "Caughnawaga".  
 10 formerly "Rechester".  
 10 formerly "Carla".  
 10 formerly a sailing vessel.

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—*Abbréviations*: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Paddle—à aubes; S.C., Screw—à hélice.   
 ©Equipped with Wireless—Muni de la T.S.F.—Nautes des Motor Vessels in *italics*—Les noms des vapeurs à moteurs sont en *italiques*.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Construction. | Where Built.<br>Lieu de construction. | Length in feet and inches.<br>Longueur en pieds et toises. | Breadth in feet and inches.<br>Largeur en pieds et toises. | Depth in feet and inches.<br>Profondeur en pieds et toises. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en c. v. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse.       |
|--------------|---------------------------------|---|-------------------------|---------------------------------------|--|--|---|---------------------------------|--|---|---|
| 121990       | <i>Canadier</i>                 | Vancouver.                                  | 1913                    | Lanenburg, N.S.                       | 40 5   | 12 2   | 5 7   | 13                              | 12   | 3 800   | John Scott, East Dwyer, N.S.  |
| 133841       | <i>Canadier II</i>              | Vancouver.                                  | 1906                    | Vancouver, B.C.                       | 32 4   | 8 0  | 3 7   | 8                               | 6  | 1 800   | George T. Waddis, Vancouver, B.C.   |
| 141701       | <i>Canara</i>                   | Vancouver.                                  | 1912                    | Vancouver, B.C.                       | 35 7   | 10 2   | 5 0   | 13                              | 9  | 1 800   | Arthur L. Bell, Vancouver, B.C.   |
| 122219       | <i>Cayuga</i> ©                 | Toronto.                                    | 1907                    | Toronto, Ont.                         | 305 0  | 36 6   | 14 2  | 2,196                           | 1,168                                      | 325 800   | Canada Steamship Lines, Limited, 9 Victoria Square, Montreal, Que.                          |
| 130657       | <i>Cecil P. Lee</i>             | Vancouver.                                  | 1912                    | Tancook, N.S.                         | 41 4   | 10 4   | 5 5   | 12                              | 11   | 3 800   | Wm. H. Richards, River Bourgeois, N.S.  |
| 138525       | <i>Cedric</i>                   | Vancouver.                                  | 1916                    | West Vancouver, B.C.                  | 41 5   | 11 0   | 5 7   | 17                              | 12   | 5 800   | K. Shirachi, et al., J.O., Vancouver, B.C.  |
| 141441       | <i>Cedric II</i>                | Vancouver.                                  | 1918                    | Vancouver, B.C.                       | 31 0   | 9 4  | 3 7   | 10                              | 6  | 1 800   | Arthur T. Okamoto and K. Shirachi, J.O., Vancouver, B.C.                                    |
| 137998       | <i>Cedric III</i>               | Vancouver.                                  | 1919                    | Vancouver, B.C.                       | 31 0   | 9 4  | 3 7   | 10                              | 7  | 1 800   | Arthur T. Okamoto and K. Shirachi, J.O., Vancouver, B.C.                                    |
| 141442       | <i>Cedar King</i>               | New Westminster.                            | 1920                    | New Westminster, B.C.                 | 49 2   | 12 2   | 1 7   | 17                              | 9  | 51 800  | Stollze Manufacturing Co., Ltd., 207 Hastings St., Vancouver, B.C.                          |
| 106769       | <i>Celeste L.</i>               | Arichat.                                    | 1918                    | River Bourgeois, N.S.                 | 29 2   | 11 3   | 6 3   | 13                              | 13   | 1 800   | Peter A. Landry, M.O., River Bourgeois, N.S.  |
| 141539       | <i>Celestial Empire</i>         | Vancouver.                                  | 1897                    | Hull, G.B.                            | 121 2  | 21 0   | 11 3  | 204                             | 80   | 58 800  | The Canadian Fishing Co., Ltd., Gore Ave., Vancouver, B.C.                                  |
| 126749       | <i>Cellar Head</i>              | Vancouver.                                  | 1910                    | Steveston, B.C.                       | 31 6   | 10 3   | 4 0   | 13                              | 9  | 2 800   | Norman Gunn, Vancouver, B.C.  |
| 116686       | <i>Cell.</i>                    | Midland.                                    | 1900                    | Toronto, Ont.                         | 31 0   | 8 0  | 2 8   | 6                               | 4  | 3 800   | Archibald Campbell, Midland, Ont.   |
| 122538       | <i>Cellie</i>                   | Vancouver.                                  | 1907                    | Vancouver, B.C.                       | 89 4   | 21 5   | 8 6   | 239                             | 163  | 163 800   | Coast S.S. Co., Ltd. (1917), 111 Standard Bank Bldg., Vancouver, B.C.                       |
| 124072       | <i>Cemigo</i>                   | Peterborough.                               | 1903                    | Detroit, Mich., U.S.A.                | 15 6   | 4 6  | 1 9   | 1                               | 1  | 2 800   | Mrs. F. A. Prior, Massawun, Ont.  |
| 130849       | <i>Centro Star</i>              | Vancouver.                                  | 1912                    | Vancouver, B.C.                       | 50 5   | 13 4   | 6 4   | 39                              | 27   | 8 800   | Wm. S. Nicholls and Percy H. Snider, Vancouver, B.C.  |
| 100519       | <i>Centreville</i>              | Digby.                                      | 1898                    | Centreville, N.S.                     | 67 4   | 18 4   | 7 0   | 60                              | 32   | 9 800   | A. Boutilier, et al., Centreville, N.S.   |
| 130441       | <i>Chakawana</i>                | Vancouver.                                  | 1910                    | Vancouver, B.C.                       | 62 0   | 13 8   | 9 0   | 45                              | 30   | 8 800   | Imperial Munitions Board, Ottawa, Ont.  |
| 92331        | <i>Challenger</i>               | Quebec.                                     | 1896                    | Lévis, Que.                           | 88 8   | 20 2   | 9 7   | 108                             | 73   | 86 800  | La Cie Générale d'Entreprises Publiques, Lévis, Que.  |
| 133902       | <i>Chambly</i>                  | Sorel.                                      | 1893                    | Sorel, Que.                           | 79 8   | 17 2   | 9 2   | 97                              | 36   | 32 800  | The Minister of Marine and Fisheries, Ottawa, Ont.  |
| 103975       | <i>Champion</i>                 | Quebec.                                     | 1897                    | Lévis, Que.                           | 143 5  | 27 5   | 7 8   | 482                             | 304  | 30 400  | La Cie Maritime et Industrielle de Lévis, Lévis, Que.                                       |
| 16756        | <i>Champion</i>                 | Toronto.                                    | 1904                    | Orillia, Ont.                         | 69 0   | 12 7   | 5 0   | 42                              | 28   | 8 800   | Montreal River Nav. Co., Ltd., Cobalt, Ont.   |
| 116999       | <i>Champlain</i>                | Ottawa.                                     | 1904                    | Paisley, G.B.                         | 120 0  | 30 3   | 17 6  | 522                             | 235  | 87 800  | Gulf of St. Lawrence Shipping & Trading Co., Ltd., 407 Board of Trade Bldg., Montreal, Que. |
| 103956       | <i>Champlain</i>                | St. John, N.B.                              | 1897                    | Valleyfield, Que.                     | 110 8  | 22 4   | 7 9   | 392                             | 267  | 28 800  | The Majestic Steamship Co., Ltd., Gagetown, N.B.  |
| 171017       | <i>Chanos</i>                   | Vancouver.                                  | 1904                    | St. John, N.B.                        | 56 1   | 14 2   | 6 1   | 36                              | 25   | 21 800  | Wards Agencies Ltd., 408 Standard Bank Bldg., Vancouver, B.C.                               |
| 141768       | <i>Charlemagne</i>              | Montreal.                                   | 1920                    | Charlemagne, Que.                     | 94 3   | 21 6   | 6 9   | 141                             | 26   | 37 800  | St. Maurice Paper Co., Ltd., 42 St. Sacerment St., Montreal, Que.                           |

SESSIONAL PAPER No. 22

| No.    | Name                         | Port of Origin     | Tonnage | Length | Breadth | Speed | Age   | Agent   |
|--------|------------------------------|--------------------|---------|--------|---------|-------|-------|---|
| 138743 | Charles Edward               | Yarmouth           | 72 0    | 17 9   | 7 4     | 43    | 13    | Rudolph Le Blanc, et al, Wedgeport, N.S.                                    |
| 94718  | Port Stanley                 | Port Stanley, Ont. | 31 5    | 10 4   | 3 4     | 8     | 5     | John Nichol, Port Bruce, Ont.   |
| 134492 | Chas. H. Shaw                | Quebec             | 240 0   | 42 0   | 14 9    | 951   | 116   | Quebec & Lewis Ferry Co., Ltd., Quebec, Que.                                |
| 134386 | Charles Halliday             | Sault Ste. Marie   | 60 0    | 16 0   | 9 4     | 47    | 32    | Alexander B. McLean, Sault Ste. Marie, Ont.                                 |
| 125975 | Charles Lyon                 | Prescott           | 280 0   | 40 0   | 19 9    | 1,458 | 1,127 | Canadian Pacific Car & Passenger Transfer Co., Ltd., Prescott, Ont.         |
| 134087 | Charles Todd                 | Vancouver          | 45 8    | 11 0   | 4 8     | 23    | 16    | The Minister of the Interior, Ottawa, Ont.                                  |
| 134194 | Charles W. Ritter            | Sault Ste. Marie   | 54 0    | 15 2   | 8 2     | 41    | 18    | Sydney L. Penhrowood, Sault Ste. Marie, Ont.                                |
| 122450 | Charles M. Scott             | St. John, N.B.     | 41 2    | 10 0   | 4 6     | 17    | 11    | James S. Gregory, St. John, N.B.  |
| 88622  | Charlton O.                  | Windsor, Ont.      | 135 0   | 19 4   | 10 4    | 389   | 265   | Victoria Harbour Lumber Co., Ltd., Victoria Harbour, Ont.                   |
| 85075  | Chasmina                     | Vancouver          | 141 8   | 22 1   | 11 6    | 259   | 139   | Union Steamship Co. of British Columbia, Ltd., Vancouver, B.C.              |
| 90753  | Charmer                      | Victoria           | 200 0   | 42 0   | 12 9    | 1044  | 497   | Canadian Pacific Ry. Co., Montreal, Que.                                    |
| 130282 | Chatsoun                     | St. Catharines     | 61 0    | 17 6   | 8 8     | 55    | 31    | Harold J. and Clarence Pendegast, Cornwall, Ont.                            |
| 130309 | Chalkanus                    | Vancouver          | 145 3   | 25 1   | 10 0    | 689   | 403   | Union Steamship Company of British Columbia, Ltd., Vancouver, B.C.          |
| 108983 | Chebucto                     | Halifax            | 125 0   | 48 0   | 12 7    | 578   | 260   | The Dartmouth Ferry Commission, Dartmouth, N.S.                             |
| 130493 | Cheerful                     | New Westminster    | 73 4    | 18 0   | 7 8     | 80    | 42    | Canadian Tug Boat Co., Ltd., Vancouver, B.C.                                |
| 130805 | Cheholatin                   | Vancouver          | 175 5   | 35 1   | 14 0    | 1,131 | 597   | Union Steamship Co. of British Columbia, Ltd., Vancouver, B.C.              |
| 126509 | Chematus                     | Vancouver          | 93 4    | 22 0   | 9 8     | 153   | 71    | Kingcome Navigation Co., Ltd., 891 Standard Bank Bldg., Vancouver, B.C.     |
| 138683 | Chemona                      | Vancouver          | 40 0    | 9 0    | 5 2     | 13    | 9     | Jacob B. and George E. Lightheart, J. O. Vancouver, B.C.                    |
| 125973 | Cherokee                     | Toronto            | 120 0   | 23 0   | 7 2     | 328   | 160   | The Muskoka Lakes Navigation & Hotel Co., Ltd., Toronto, Ont.               |
| 134471 | Cherrier III                 | Montreal           | 31 7    | 7 4    | 2 4     | 4     | 3     | Joseph E. Forget, Montreal, Que.  |
| 131290 | Chestata                     | Victoria           | 59 7    | 12 0   | 3 2     | 18    | 12    | David T. Hall, Hall's Landing, B.C.   |
| 94738  | Chester                      | Windsor, N.S.      | 73 9    | 17 3   | 10 0    | 98    | 7     | Gypsum Packet Co., Ltd., Windsor, N.S.                                      |
| 137938 | Chiba                        | Vancouver          | 44 5    | 11 5   | 4 4     | 18    | 12    | Watson Bros. Fishing and Packing Co., Ltd., Vancouver, B.C.                 |
| 126491 | Chickadee                    | Montreal           | 35 5    | 9 1    | 6 5     | 9     | 6     | Herbert R. Holder, Montreal, Que.   |
| 129479 | Chico                        | Halifax            | 23 8    | 5 4    | 3 0     | 2     | 1     | Arthur W. Coeswell, Halifax, N.S.   |
| 126732 | Chidori                      | Vancouver          | 31 7    | 8 5    | 3 9     | 8     | 5     | Otoiro Mori, Vancouver, B.C.  |
| 133736 | Chief Skagail                | Prince Rupert      | 77 1    | 18 0   | 8 0     | 60    | 55    | The Canadian Fish & Cold Storage Co., Ltd., Vancouver, B.C.                 |
| 133719 | Chief Zibassat               | Prince Rupert      | 77 0    | 18 0   | 7 4     | 80    | 41    | The Canadian Fish & Cold Storage Co., Ltd., Prince Rupert, B.C.             |
| 94820  | Chieftain                    | Victoria, B.C.     | 79 5    | 16 5   | 7 8     | 65    | 39    | Achates Tow Boat Co., Ltd., 905 Dominion Bldg., Vancouver, B.C.             |
| 125963 | Chignecto                    | Parishboro         | 78 6    | 17 8   | 7 2     | 86    | 36    | Peter J. Walker, Port Hawkesbury, N.S.                                      |
| 87031  | Chilio                       | Vancouver          | 154 0   | 22 0   | 12 4    | 439   | 197   | Union Steamship Co. of British Columbia, Ltd., Vancouver, B.C.              |
| 128945 | Chilcithin                   | Victoria           | 131 5   | 23 5   | 4 5     | 274   | 21    | John K. McLennan and Alan J. Adamson, Winnipeg, Man.                        |
| 141710 | Chilkoot                     | Vancouver          | 172 6   | 30 2   | 12 9    | 756   | 411   | Union Steamship Co. of British Columbia, Ltd., Carrol St., Vancouver, B.C.  |
| 119063 | Chilliwack                   | Vancouver          | 170 7   | 27 1   | 10 5    | 557   | 222   | Union Steamship Co. of British Columbia Ltd., Vancouver, B.C.               |
| 141819 | Chilmore                     | Vancouver          | 37 1    | 10 4   | 4 6     | 15    | 10    | F. C. A. Wastell, Alert Bay, B.C.   |
| 138163 | China Hal                    | Vancouver          | 51 4    | 15 5   | 5 6     | 30    | 20    | Gosse Millert Packing Company Limited, 597 Hastings St. W., Vancouver, B.C. |
| 117158 | Chinook                      | New Westminster    | 59 0    | 14 5   | 4 3     | 34    | 23    | William H. Hind, Vancouver, B.C.  |
| 107726 | Chinook                      | Vancouver          | 46 8    | 12 3   | 6 9     | 22    | 15    | John Percival Wall, Victoria, B.C.  |
| 125272 | Chippawak                    | Vancouver          | 23 0    | 5 9    | 2 5     | 2     | 1     | Allan Purvis, Vancouver, B.C.   |
| 100753 | Chippewa O.                  | Toronto            | 308 5   | 36 3   | 12 5    | 1,514 | 764   | Canada Steamship Lines, Limited, 9 Victoria Square, Montreal, Que.          |
| 138536 | Chiralte                     | Toronto            | 78 6    | 18 5   | 7 8     | 95    | 59    | International Petroleum Co., Ltd., 56 Church St., Toronto, Ont.             |
| 130234 | Choctaw                      | Port Stanley       | 75 0    | 16 3   | 7 7     | 53    | 36    | Malcolm McIver, Port Stanley, Ont.  |
| 130851 | Chocoway                     | New Westminster    | 35 2    | 9 6    | 3 0     | 11    | 8     | Albert Kilbin, Ocean Falls, B.C.  |
|        | Formerly a sailing vessel.   |                    |         |        |         |       |       | Formerly James R. Langdon.  |
|        | "Selma" and "Santa Cecilia." |                    |         |        |         |       |       | Formerly "British Columbia" and "Onyx."                                     |

ALPHABETICAL List of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—Abréviations: **J.O.**, Joint Owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.   
 © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vapeurs à moteurs sont en *italiques*.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Build.<br>Construction | Where Built.<br>Lieu de construction. | Length in feet and 10ths. | Breadth in feet and 10ths. | Depth in feet and 10ths. | Gross Tonnage. | Registered Tonnage. | H.P. of Engines and Mode of Propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse.            |
|--------------|---------------------------------|---|------------------------|---------------------------------------|---------------------------|----------------------------|--------------------------|----------------|---------------------|---|--|
| 131068       | Christina Mae                   | Port Arthur                                 | 1913                   | Port Arthur, Ont.                     | 48 0                      | 11 7                       | 4 0                      | 14             | 10                  | 6 sc.                                   | Charles S. Getow, Rosport, Ont.  |
| 83103        | Christina                       | Richibucto                                  | 1886                   | Mission Point, Que.                   | 70 3                      | 17 2                       | 5 5                      | 57             | 36                  | 20 pa.                                  | W. Glover and K. Shieva, Campbellton, N.B.   |
| 86714        | Christine                       | Ottawa                                      | 1881                   | Port Glasgow, G.B.                    | 126 0                     | 17 2                       | 9 9                      | 140            | 95                  | 40 sc.                                  | John S. Thom, Quebec, Que.   |
| 138358       | Chuckwalla                      | Vancouver                                   | 1917                   | Vancouver, B.C.                       | 67 8                      | 14 3                       | 7 9                      | 51             | 37                  | 5 sc.                                   | The Packers Steamship Co., Ltd., 517 Granville St., Vancouver, B.C.                              |
| 138357       | Chamie H.                       | Vancouver                                   | 1914                   | North Vancouver, B.C.                 | 35 0                      | 11 0                       | 5 0                      | 14             | 10                  | 3 sc.                                   | Wallace Shipyards, Ltd., North Vancouver, B.C.   |
| 137955       | Chaparosa                       | Vancouver                                   | 1915                   | Land, B.C.                            | 39 8                      | 11 7                       | 4 4                      | 17             | 11                  | 1 sc.                                   | Rendez-vous Fisheries Ltd., 407-74 Hastings St. W., Vancouver, B.C.                              |
| 134062       | Chaqualla                       | Vancouver                                   | 1913                   | Vancouver, B.C.                       | 39 5                      | 9 0                        | 3 8                      | 13             | 9                   | 2 sc.                                   | The Granby Consolidated Mining, Smelting and Power Co., Ltd., 718 Granville St., Vancouver, B.C. |
| 61153        | Churchill                       | Owen Sound                                  | 1864                   | Buffalo, N.Y., U.S.A.                 | 110 0                     | 18 5                       | 9 3                      | 150            | 94                  | 75 sc.                                  | E. J. Harrison, M.O., Owen Sound, Ont.   |
| 150231       | Cicon                           | Midland                                     | 1903                   | West Superior, U.S.A.                 | 211 0                     | 41 0                       | 46 3                     | 1,676          | 999                 | 86 sc.                                  | Glen Transportation Co., Ltd., Midland, Ont.   |
| 126419       | Cingalee                        | Toronto                                     | 1905                   | Toronto Ont.                          | 65 5                      | 13 0                       | 5 0                      | 59             | 23                  | 10 sc.                                  | Ray N. Smith, Midland, Ont.  |
| 96137        | Circassian Prince               | Toronto                                     | 1889                   | Walsend, G.B.                         | 272 0                     | 38 1                       | 26 1                     | 2,258          | 1,453               | 200 sc.                                 | International Petroleum Company, Limited, 311 Dominion Bank Bldg., Toronto, Ont.                 |
| 130858       | Circle B.                       | Vancouver                                   | 1911                   | Eburne, B.C.                          | 42 0                      | 10 4                       | 3 7                      | 13             | 9                   | 1 sc.                                   | Straits Lumber Co., Ltd., Red Cap, B.C.  |
| 134632       | Circle W.                       | Victoria                                    | 1912                   | Tete Jaune Cache, B.C.                | 59 8                      | 11 5                       | 2 7                      | 35             | 26                  | 4 sc.                                   | Alexander MacKensie, Quesnel, B.C.   |
| 133735       | Cisco                           | Port Stanley                                | 1918                   | Port Stanley, Ont.                    | 67 0                      | 16 6                       | 6 8                      | 42             | 28                  | 13 sc.                                  | Harley Taylor, Port Stanley, Ont.  |
| 111961       | City Queen                      | Midland                                     | 1900                   | Midland, Ont.                         | 70 5                      | 15 7                       | 4 5                      | 69             | 42                  | 10 sc.                                  | W. E. Preston, Ltd., Midland, Ont.   |
| 111919       | City of Bala                    | Toronto                                     | 1901                   | Bala, Ont.                            | 76 3                      | 12 7                       | 4 8                      | 74             | 47                  | 3 sc.                                   | Anglo-Canadian Leather Co., Ltd., Huntsville, Ont.   |
| 92734        | City of Chatham                 | Toronto                                     | 1888                   | Toronto, Ont.                         | 125 6                     | 31 5                       | 9 0                      | 362            | 246                 | 150 sc.                                 | St. Joe Island and Sault Line, Ltd., Sault Ste. Marie, Ont.                                      |
| 138772       | City of Clinton                 | Victoria                                    | 1914                   | Tacoma, Wash., U.S.A.                 | 43 2                      | 14 9                       | 5 8                      | 25             | 13                  | 3 sc.                                   | Nootka Packing Co., Ltd., 701 Birks Bldg., Vancouver, B.C.                                       |
| 126047       | City of Dover                   | Port Dover                                  | 1916                   | Port Dover, Ont.                      | 74 8                      | 20 4                       | 7 0                      | 81             | 55                  | 15 sc.                                  | Wm. F. Colbe, Port Dover, Ont.   |
| 120197       | City of Dresden                 | Windsor, Ont.                               | 1872                   | Walkerville, Ont.                     | 93 0                      | 23 2                       | 8 8                      | 132            | 76                  | 9 sc.                                   | John S. McQueen, Amherstburg, Ont.   |
| 129448       | City of Edmonton                | Kenora                                      | 1909                   | Strathcona, Alta.                     | 132 0                     | 26 8                       | 4 0                      | 301            | 190                 | 9 pa.                                   | John Walter, Ltd., Edmonton, Alta.   |
| 129401       | City of Hatleybury              | Ottawa                                      | 1908                   | Kippawa, Que.                         | 67 0                      | 12 3                       | 6 7                      | 38             | 26                  | 8 sc.                                   | John Cunningham, Mattawa, Ont.   |
| 126829       | City of Hamilton                | Ottawa                                      | 1871                   | Buffalo, N.Y., U.S.A.                 | 220 0                     | 32 5                       | 14 0                     | 1,367          | 630                 | 80 sc.                                  | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                                  |
| 107942       | City of Ladysmith               | St. Catharines                              | 1900                   | Hamilton, Ont.                        | 69 6                      | 16 0                       | 5 2                      | 35             | 24                  | 12 sc.                                  | Chas. Ross, Port Maitland, Ont.  |
| 92390        | City of London                  | Quebec                                      | 1888                   | Kingston, Ont.                        | 126 0                     | 27 0                       | 7 8                      | 516            | 294                 | 37 sc.                                  | Achille Bernier, St. Joseph de Levis, Que.   |
| 116393       | City of New York                | Toronto                                     | 1862                   | Cleveland, O., U.S.A.                 | 136 0                     | 27 6                       | 11 6                     | 292            | 199                 | 19 sc.                                  | Jas. M. Ferguson, Cobourg, Ont.  |



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| 122018 | City of Ottawa.....        | Ottawa.....                     | 1571 | Buffalo, N.Y., U.S.A.....       | 218 0 | 32 6 | 13 7 | 1,323 | 671   | 80 sq. ft.    | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                    |
|--------|----------------------------|---------------------------------|------|---------------------------------|-------|------|------|-------|-------|---------------|--|
| 122291 | City of Prince Albert..... | Prince Albert, Sask.....        | 1906 | Prince Albert, Sask.....        | 96 0  | 20 0 | 4 5  | 141   | 89    | 6 pa.         | George R. Bameroft, The Pass, Man.   |
| 130280 | City of St. Boniface.....  | Winnipeg, Man.....              | 1913 | Winnipeg, Man.....              | 100 0 | 30 0 | 4 0  | 314   | 163   | 13 pa.        | Lake Winnipeg Shipping Co., Ltd., 410 Builders' Exchange, Winnipeg, Man.           |
| 150645 | City of San Diego.....     | San Francisco, Cal., U.S.A..... | 1881 | San Francisco, Cal., U.S.A..... | 67 5  | 20 5 | 6 5  | 52    | 31    | 3 sq. ft.     | Victoria Fishing Co., Ltd., 19 Tower Chambers Victoria, B.C.                       |
| 150255 | City of Vancouver.....     | Vancouver, B.C.....             | 1920 | Vancouver, B.C.....             | 411 5 | 51 1 | 27 5 | 5,997 | 3,525 | 206 1 sq. ft. | Vancouver Steamship Co., Ltd., 930 Rogers Bldg., Vancouver, B.C.                   |
| 122400 | City of Vernon.....        | Long Lake, B.C.....             | 1908 | Long Lake, B.C.....             | 50 0  | 11 2 | 4 7  | 19    | 13    | 5 sq. ft.     | Charles C. Pilkey, Vernon, B.C.  |
| 150266 | City of Victoria.....      | Vancouver, B.C.....             | 1920 | Vancouver, B.C.....             | 411 5 | 51 1 | 27 5 | 5,939 | 3,530 | 206 1 sq. ft. | British Canadian Steamships, Ltd., 707 Vancouver Bldg., Vancouver, B.C.            |
| 130887 | Clansman.....              | Victoria, B.C.....              | 1909 | Victoria, B.C.....              | 27 0  | 6 9  | 2 6  | 3     | 16    | 3 sq. ft.     | Robert Allan, Chemainus, B.C.  |
| 96762  | Clansman.....              | Port Hawkesbury, N.S.....       | 1890 | Port Hawkesbury, N.S.....       | 59 0  | 10 9 | 6 6  | 23    | 12    | 12 sq. ft.    | Robert Stevenson, Wallace, N.S.  |
| 107711 | Clansman.....              | Vancouver, B.C.....             | 1899 | Vancouver, B.C.....             | 82 0  | 17 2 | 6 8  | 72    | 49    | 5 sq. ft.     | Coast Steamship Co., Ltd., (1917) 1410 Standard Bank Bldg., Vancouver, B.C.        |
| 136490 | Clara Frances.....         | New Westminster, B.C.....       | 1917 | Steveston, B.C.....             | 40 0  | 8 6  | 4 0  | 12    | 32    | 2 sq. ft.     | Pacific Mills Ltd., 510 Hastings St. W., Vancouver, B.C.                           |
| 98813  | Clara Hecker.....          | Buffalo, N.Y., U.S.A.....       | 1882 | Buffalo, N.Y., U.S.A.....       | 41 2  | 11 7 | 6 3  | 42    | 32    | 4 sq. ft.     | John F. Boyd, Sault Ste. Marie, Ont.   |
| 118559 | Clara May.....             | Tobermory, Ont.....             | 1902 | Tobermory, Ont.....             | 39 0  | 10 0 | 3 6  | 9     | 6     | 3 sq. ft.     | Thomas B. Fitzpatrick, Mel drum Bay, Ont.  |
| 116551 | Clare.....                 | Princeport, N.S.....            | 1903 | Princeport, N.S.....            | 79 0  | 24 7 | 6 9  | 88    | 60    | 1 sq. ft.     | R. H. Putnam, Onslow, N.S.   |
| 94984  | Clark Bros.....            | Toronto, Ont.....               | 1890 | Toronto, Ont.....               | 80 0  | 16 2 | 5 5  | 92    | 38    | 11 sq. ft.    | Lawrence Sohnun, Toronto, Ont.   |
| 116455 | Claxton.....               | Ballard, Wash., U.S.A.....      | 1906 | Ballard, Wash., U.S.A.....      | 72 1  | 18 6 | 7 1  | 84    | 57    | 10 sq. ft.    | August Jansen, Uleluet, B.C.   |
| 121741 | Clayburn.....              | Vancouver, B.C.....             | 1906 | Vancouver, B.C.....             | 73 0  | 17 9 | 8 4  | 76    | 51    | 26 sq. ft.    | Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.                                   |
| 112248 | Claymore.....              | Vancouver, B.C.....             | 1902 | Vancouver, B.C.....             | 29 4  | 7 0  | 2 3  | 7     | 5     | 1 sq. ft.     | W. McArthur, et al., Vancouver, B.C.   |
| 116279 | Clayton.....               | Parrsboro, N.S.....             | 1902 | Parrsboro, N.S.....             | 62 8  | 15 2 | 5 6  | 43    | 24    | 45 sq. ft.    | Mrs. John A. Gregory, St. John, N.B.   |
| 108170 | Cheve.....                 | New Westminster, B.C.....       | 1897 | New Westminster, B.C.....       | 56 6  | 12 1 | 6 3  | 36    | 24    | 8 sq. ft.     | Benjamin Gilbert and William McConnell, J. O., North Vancouver, B.C.               |
| 100755 | Chopatra.....              | Toronto, Ont.....               | 1883 | Hamilton, Ont.....              | 113 5 | 16 9 | 9 2  | 101   | 71    | 32 sq. ft.    | Geo. H. Gooderham, Toronto, Ont.   |
| 141717 | Cliffcaine.....            | Vancouver, B.C.....             | 1920 | Vancouver, B.C.....             | 34 6  | 10 5 | 5 6  | 13    | 4     | 3 1 sq. ft.   | Geo. P. Ellis and Archibald C. Robertson, J.O., North Vancouver, B.C.              |
| 126405 | Cliffside.....             | Ottawa, Ont.....                | 1909 | Ottawa, Ont.....                | 70 9  | 16 8 | 6 4  | 68    | 24    | 7 sq. ft.     | The Minister of Public Works, Ottawa, Ont.   |
| 141681 | Clinton.....               | Buffalo, N.Y., U.S.A.....       | 1889 | Buffalo, N.Y., U.S.A.....       | 217 0 | 35 7 | 11 7 | 1,231 | 727   | 73 sq. ft.    | Alfred E. Matthews, Board of Trade Bldg., Toronto, Ont.                            |
| 140937 | Clinton.....               | Tacoma Wash., U.S.A.....        | 1909 | Tacoma Wash., U.S.A.....        | 98 0  | 19 0 | 6 9  | 123   | 60    | 39 sq. ft.    | Pacific Great Eastern Railway Co., Parliament Bldg., Victoria, B.C.                |
| 112389 | Clippet.....               | Sydney, N.S.....                | 1904 | North Sydney, N.S.....          | 62 0  | 13 5 | 5 1  | 13    | 13    | 3 sq. ft.     | J. Owen James, Wine Harbour, N.S.  |
| 116260 | Clippet.....               | Toronto, Ont.....               | 1903 | Midland, Ont.....               | 39 0  | 10 3 | 6 6  | 46    | 29    | 17 sq. ft.    | The Stable & Spanish Room & Slide Co., of Algoma, Ltd., Spanish River, Ont.        |
| 107197 | Clippet.....               | Winnipeg.....                   | 1897 | Kenora, Ont.....                | 69 5  | 12 0 | 4 3  | 53    | 32    | 8 sq. ft.     | Lawrence L. Veaudrou, Rainy River, Ont.  |
| 111993 | Clive.....                 | New Westminster.....            | 1902 | New Westminster, B.C.....       | 51 0  | 13 0 | 5 3  | 35    | 24    | 9 sq. ft.     | Fraser River Pile Driving Co., Ltd., 324 Front St., New Westminster, B.C.          |
| 141432 | Clive.....                 | Vancouver, B.C.....             | 1919 | Vancouver, B.C.....             | 40 9  | 13 9 | 6 3  | 29    | 10    | 5 1/2 sq. ft. | Powell River Co., Ltd., 1294 Standard Bank Bldg., Vancouver, B.C.                  |
| 126232 | Clovelly.....              | Victoria.....                   | 1908 | Vancouver, B.C.....             | 37 0  | 9 3  | 3 8  | 7     | 5     | 1 sq. ft.     | Leonard A. Haymon, Kelowna, B.C.   |
| 126486 | Claaran.....               | Montreal.....                   | 1905 | Gatineau, Que.....              | 34 0  | 7 9  | 6 3  | 8     | 6     | 2 sq. ft.     | Stewart M. Munn, Montreal, Que.  |
| 77779  | Claes.....                 | Goderich, Ont.....              | 1882 | Goderich, Ont.....              | 60 0  | 13 8 | 5 7  | 28    | 19    | 19 sq. ft.    | Domestic Fish Co., Ltd., Winnipeg, Man.  |
| 111957 | Clutha.....                | New Westminster.....            | 1903 | New Westminster, B.C.....       | 45 0  | 11 4 | 4 1  | 28    | 19    | 2 sq. ft.     | The St. Mungo Canning Co., Ltd., New Westminster, B.C.                             |
| 94898  | Clyde.....                 | New Westminster.....            | 1889 | Vancouver, B.C.....             | 80 0  | 16 0 | 6 0  | 68    | 46    | 5 sq. ft.     | J. B. Newcomb, M.O., Vancouver, B.C.   |
| 111520 | Clymene.....               | St. John, N.B.....              | 1901 | St. John, N.B.....              | 39 7  | 8 0  | 3 5  | 10    | 7     | 1 sq. ft.     | Roy M. Kirk, Holderville, N.B.   |
| 138458 | Coal Barge No. 6.....      | Sorel, Que.....                 | 1915 | Sorel, Que.....                 | 160 5 | 32 0 | 11 4 | 595   | 350   | 72 sq. ft.    | Minister of Marine and Fisheries, Ottawa, Ont.                                     |
| 116631 | Coast Guard.....           | Liverpool.....                  | 1904 | Sheffburne, N.S.....            | 77 6  | 24 6 | 8 0  | 110   | 52    | 16 sq. ft.    | Southern Salvage Co., Ltd., Liverpool, N.S.  |
| 135304 | Coaster.....               | Vancouver, B.C.....             | 1916 | New Westminster, B.C.....       | 94 0  | 23 1 | 7 2  | 149   | 99    | 10 sq. ft.    | Coast Steamship Company, Limited, (1917) 1410 Standard Bank Bldg., Vancouver, B.C. |
| 86071  | Coban.....                 | Sunderland, G.B.....            | 1882 | Sunderland, G.B.....            | 230 0 | 33 1 | 16 0 | 1,063 | 689   | 136 sq. ft.   | Black Diamond Steamship Co., Ltd., Montreal, Que.                                  |
| 111938 | Cobocok.....               | Lindsay.....                    | 1902 | Cobocok, Ont.....               | 30 7  | 12 4 | 3 1  | 9     | 6     | 8 sq. ft.     | Mrs. C. McFadden, Penelon Falls, Ont.  |
| 111431 | Coek O' the North.....     | Dartmouth, N.S.....             | 1902 | Dartmouth, N.S.....             | 31 5  | 5 5  | 3 3  | 3     | 3     | 8 sq. ft.     | George H. Young, Dartmouth, N.S.   |

Formerly "Queen of the Pacific." Formerly "India." Formerly "Kathleen." Formerly "Japan." Formerly "Daring." Formerly "Viking." Formerly "Harrison." Formerly "Edsall." Formerly "Rayfield" and "Harrison." Formerly "Cyclon" and Foreign name "Viking."

ALPHABETICAL LIST OF Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Partide—à parts; Sc., Screw—à hélice.   
 ☉ Equipped with Wireless—Muni de la T. S. F.—Navires de Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Build.<br>Constructeur. | Where Built.<br>Lieu de construction. | Length in feet and 10ths. | Breadth in feet and 10ths. | Depth in feet and 10ths. | Grass Tonnage. | Registered Tonnage. | Tonnage enregistre. | H.P. of Engines and Mode of Propulsion.                                    | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|-------------------------|---------------------------------------|---------------------------|----------------------------|--------------------------|----------------|---------------------|---------------------|--|---|
| 130822       | <i>Colton</i>                   | Vancouver                                   | 1911                    | Seattle, Wash., U.S.A.                | 41.6                      | 12.6                       | 4.9                      | 19             | 13                  | 21.88               | Wallace Fisheries, Ltd., Vancouver, B.C.                                   |   |
| 116104       | Colby                           | Vancouver                                   | 1902                    | Seattle, Wash., U.S.A.                | 35.1                      | 9.4                        | 3.1                      | 11             | 7                   | 12.80               | W.H. Whibley, <i>et al.</i> , Victoria, B.C.                               |   |
| 141816       | Colifer                         | Vancouver                                   | 1913                    | West Vancouver, B.C.                  | 27.2                      | 8.2                        | 3.0                      | 7              | 5                   | 6.80                | Colin C. Ferris, Vancouver, B.C.   |   |
| 131142       | Colin R.                        | Montreal                                    | 1913                    | Three Rivers, Que.                    | 48.5                      | 12.7                       | 3.9                      | 21             | 11                  | 17.80               | The St. Maurice Construction Co., Ltd., 83 Craig St., Montreal, Que.       |   |
| 131347       | Colin W.                        | Montreal                                    | 1881                    | West Bay City, Mich., U.S.A.          | 252.5                     | 36.4                       | 19.5                     | 1,549          | 970                 | 98.80               | Steamer Colin W. Ltd., 83 Dalhousie St., Quebec, Que.                      |   |
| 138518       | Collier                         | Quebec                                      | 1917                    | Lea Grande Roumaine, Que.             | 32.6                      | 10.1                       | 5.1                      | 8              | 5                   | 2.80                | Sir Charles F. Ross, Quebec, Que.  |   |
| 968003       | Collector                       | Halifax                                     | 1891                    | Dartmouth, N.S.                       | 63.8                      | 20.8                       | 5.5                      | 52             | 35                  | 25.80               | Alfred G. Hecker, Halifax, N.S.  |   |
| 126519       | College Hudson                  | New Westminster                             | 1910                    | Victoria, B.C.                        | 51.2                      | 15.2                       | 7.5                      | 39             | 20                  | 2.80                | Nordica Packing Co., Ltd., 701 Birkle Bldg., Vancouver, B.C.               |   |
| 117089       | Collingwood                     | Collingwood                                 | 1907                    | Collingwood, Ont.                     | 38.0                      | 50.0                       | 23.0                     | 1,529          | 3,180               | 163.80              | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.            |   |
| 126926       | Colomb                          | Quebec                                      | 1910                    | Lauzon, Que.                          | 129.6                     | 34.0                       | 15.5                     | 559            | 338                 | 87.80               | Leslie Ferry, Ltd., Quebec, Que.   |   |
| 809111       | Colonel By                      | Prescott                                    | 1911                    | Ogdonsburg, N.Y., U.S.A.              | 45.0                      | 9.2                        | 3.9                      | 9              | 6                   | 9.80                | David Elzdy, Barrill's Rapids, Ont.  |   |
| 138405       | Colonel White                   | Montreal                                    | 1917                    | Stimco, Ont.                          | 41.7                      | 11.0                       | 3.1                      | 20             | 13                  | 2.80                | Riverbank and Paper Co., Ltd., 358 Beaver Hall Square, Montreal, Que.      |   |
| 112335       | Colonge                         | Colonge                                     | 1901                    | Stand Point, Ont.                     | 47.7                      | 17.9                       | 3.6                      | 18             | 12                  | 20.00               | Gillies Bros. Co., Ltd., Brantford, Ont.                                   |   |
| 122012       | Colombia                        | Ogawa                                       | 1906                    | Kippewa Lake, Que.                    | 52.6                      | 12.3                       | 4.4                      | 47             | 25                  | 9.80                | Colombia Lumber Co., Ltd., Pembroke, Ont.                                  |   |
| 126899       | Colombia                        | Vancouver                                   | 1910                    | New Westminster, B.C.                 | 86.6                      | 16.4                       | 7.1                      | 106            | 61                  | 6.80                | Columbia Const. Mission Inc., Vancouver, B.C.                              |   |
| 91799        | Comet                           | Richibucto                                  | 1901                    | Bass River, N.B.                      | 51.0                      | 9.5                        | 3.7                      | 21             | 11                  | 15.80               | John D. Walker, Bass River, N.B.   |   |
| 92450        | Comet                           | Toronto                                     | 1887                    | Milford Bay, Ont.                     | 60.0                      | 11.5                       | 5.0                      | 20             | 11                  | 2.80                | The Bathurst Co., Deseronto, Ont.  |   |
| 90523        | Comfort                         | Wallaceburg                                 | 1891                    | Rondeau, Ont.                         | 43.0                      | 13.0                       | 3.3                      | 14             | 13                  | 10.80               | Daniel Edwards, Wallaceburg, Ont.  |   |
| 141085       | Comfort H.                      | Shelburne                                   | 1918                    | Port Clyde, N.S.                      | 37.3                      | 10.3                       | 5.0                      | 11             | 13                  | 4.80                | Avard Hamilton, Ingonish, N.S.   |   |
| 107487       | Commodore                       | Sault Ste. Marie                            | 1885                    | Manitowick, Wis., U.S.A.              | 59.0                      | 14.5                       | 7.3                      | 40             | 22                  | 62.80               | Lakes Superior Paper Company, Limited, Sault Ste. Marie, Ont.              |   |
| 122363       | Commodore                       | Vancouver                                   | 1907                    | Vancouver, B.C.                       | 119.6                     | 26.1                       | 14.5                     | 318            | 216                 | 53.80               | B.C. Mills The & Barge Co., Ltd., Vancouver, B.C.                          |   |
| 117015       | Commodore McEwen                | Vancouver                                   | 1905                    | Vancouver, B.C.                       | 23.7                      | 6.2                        | 3.0                      | 2              | 2                   | 1.80                | Forest Mills of British Columbia, Ltd., Revelstoke, B.C.                   |   |
| 130927       | Compton                         | Montreal                                    | 1882                    | Detroit, Mich., U.S.A.                | 244.0                     | 35.9                       | 18.6                     | 1,530          | 937                 | 91.80               | George Hall Coal Company of Canada, Ltd., 275 Craig St., W. Montreal, Que. |   |
| 141346       | Concordia                       | Ottawa                                      | 1918                    | Montreal, Que.                        | 126.0                     | 22.2                       | 10.1                     | 320            | 170                 | 24.80               | The Minister of Marine and Fisheries, Ottawa, Ont.                         |   |
| 138300       | Condit                          | Vancouver                                   | 1917                    | Vancouver, B.C.                       | 35.9                      | 9.9                        | 5.8                      | 15             | 10                  | 2.80                | Pacific Mills Ltd., 901 Standard Bank Bldg., Vancouver, B.C.               |   |
| 140998       | Conestoga                       | Toronto                                     | 1878                    | Cleveland, O., U.S.A.                 | 253.0                     | 36.0                       | 15.0                     | 2,068          | 1,331               | 96.80               | The Lake Ports Navigation Co., Ltd., Sarnia, Ont.                          |   |
| 116653       | Conours Bros.                   | Yarmouth                                    | 1901                    | Shelburne, N.S.                       | 47.0                      | 21.6                       | 9.0                      | 145            | 64                  | 30.80               | The Maritime Steamship Co., Ltd., Black's Harbour, N.B.                    |   |
| 138233       | Conqueror                       | Montreal                                    | 1917                    | Buffalo, N.Y., U.S.A.                 | 110.6                     | 19.3                       | 8.5                      | 166            | 91                  | 55.80               | The St. Lawrence Steamship Line, Ltd., 75 Commons St., Montreal, Que.      |   |

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|        |               |                    |      |       |      |       |       |     |         |  |
|--------|---------------|--------------------|------|-------|------|-------|-------|-----|---------|--|
| 100412 | Constance     | Ottawa             | 1891 | 115 6 | 19 6 | 11 2  | 185   | 126 | 50 sc.  | The Minister of Customs, Ottawa, Ont.  |
| 100686 | Constance     | Toronto            | 1898 | 82 0  | 13 6 | 5 0   | 52    | 35  | 103 sc. | Robert S. McConeil, Toronto, Ont.  |
| 126459 | Contrecoeur   | Sorel              | 1910 | 83 3  | 22 7 | 8 1   | 174   | 74  | 48 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.   |
| 130885 | Convoyer      | Victoria           | 1912 | 141 7 | 34 8 | 5 2   | 725   | 457 | 15 pa.  | Pacific Great Eastern Railway Co., Parliament Bldgs., Victoria, B.C.                           |
| 134073 | Coogee H.     | Vancouver          | 1913 | 35 8  | 9 0  | 3 8   | 12    | 8   | 1 sc.   | Pacific Mills, Ltd., 812 Standard Bank Bldg., Vancouver, B.C.                                  |
| 100205 | Cocquiham     | Vancouver          | 1892 | 129 0 | 22 0 | 9 6   | 256   | 166 | 28 sc.  | The Union Steamship Co. of British Columbia, Ltd., Vancouver, B.C.                             |
| 111633 | Cora          | Lindsay            | 1902 | 55 3  | 9 9  | 4 6   | 23    | 16  | 1 sc.   | J. B. Bowerman, Port Perry, Ont.   |
| 92445  | Cora          | Toronto            | 1887 | 32 3  | 7 5  | 3 2   | 4     | 3   | 1 sc.   | Oliver B. Sheppard, Toronto, Ont.  |
| 126878 | Cora Gerlie   | Deer Island, N. B. | 1911 | 64 0  | 16 3 | 7 0   | 30    | 24  | 1 sc.   | Geo. C. Crocker and E. R. Crocker, J.O., Freeport, N.S.  |
| 130787 | Cora W'ells   | Port Hawkesbury    | 1913 | 44 4  | 11 8 | 5 8   | 13    | 13  | 1 sc.   | John Munroe, Anld's Cove, N.S.   |
| 134241 | Corendon      | Hamilton, Ont.     | 1908 | 43 0  | 7 5  | 3 3   | 6     | 4   | 1 sc.   | James W. E. Henderson, et al., J.O., Hamilton, Ont.  |
| 116220 | Corinne       | Toronto            | 1903 | 48 5  | 12 3 | 5 0   | 23    | 9   | 4 sc.   | W. J. Poupore, Montreal, Que.  |
| 171609 | Corncall      | Kingston, Ont.     | 1876 | 176 6 | 27 1 | 12 5  | 304   | 61  | pa.     | John Donnelly, M.O., Kingston, Ont.  |
| 103673 | Corona C      | Toronto            | 1874 | 270 3 | 32 4 | 9 9   | 1,274 | 649 | 310 pa. | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                                |
| 80720  | Coronation    | Pasphebiac, Que.   | 1902 | 75 6  | 22 0 | 8 7   | 82    | 64  | 1 sc.   | Robln, Jones & Whitman, Ltd., Halifax, N.S.  |
| 138588 | Corinne Gatro | St. John, N. B.    | 1914 | 61 5  | 20 0 | 4 7   | 49    | 33  | 2 sc.   | William Gatro, Prê d'en-haut, N.B.   |
| 126177 | Corsande      | New Westminster    | 1907 | 29 6  | 8 0  | 3 6   | 8     | 6   | 1 sc.   | Alfred W. LePage, Vancouver, B.C.  |
| 49224  | Corinna       | Montreal           | 1891 | 230 0 | 34 1 | 11 29 | 792   | 99  | sc.     | Corinna Shipping Co., Ltd., Halifax, N.S.  |
| 133853 | Corjicia      | Vancouver          | 1913 | 31 0  | 9 2  | 3 6   | 6     | 6   | 1 sc.   | George H. Wadsworth, Vancouver, B.C.   |
| 138526 | Corzo         | British Columbia   | 1913 | 32 5  | 9 4  | 4 0   | 9     | 6   | 2 sc.   | Northern B.C. Fisheries, Ltd., 101 Wmich Bldg., Vancouver, B.C.                                |
| 141691 | Cote Nord     | Manenberg          | 1920 | 125 2 | 26 6 | 10 6  | 245   | 117 | 6 sc.   | North East Co., Ltd., 7 Notre Dame Square, Quebec, Que.  |
| 138498 | Conchiting    | Montreal           | 1917 | 72 7  | 18 5 | 3 6   | 43    | 26  | 3 sc.   | Abthli Power & Paper Co., Ltd., Sun Life Bldg., Montreal, Que.                                 |
| 138485 | Contc.        | Steveson, B.C.     | 1912 | 38 0  | 9 6  | 3 8   | 12    | 8   | 1 sc.   | Packlers Steamship Co., Ltd., 517 Granville St., Vancouver, B.C.                               |
| 138068 | Contrebec     | Ottawa             | 1896 | 118 0 | 16 6 | 9 5   | 111   | 62  | 36 sc.  | Quebec Harbour Commissioners, Quebec, Que.   |
| 107890 | Courier       | Montreal           | 1900 | 36 9  | 9 3  | 6 2   | 12    | 8   | 3 sc.   | Harbour Commissioners of Montreal, Montreal, Que.  |
| 116775 | Coutil        | Vancouver          | 1904 | 71 4  | 18 8 | 9 8   | 99    | 68  | 28 sc.  | B.W.B. Navigation Co., Ltd., Johnsons Wharf, Vancouver, B.C.                                   |
| 133874 | Coralli       | Vancouver          | 1909 | 54 7  | 10 3 | 3 5   | 17    | 12  | 6 sc.   | Columbia Valley Irrigated Fruit Lands, Ltd., Calgary, Alta.                                    |
| 121837 | Cowhona       | St. John, N. B.    | 1906 | 28 0  | 8 1  | 4 2   | 11    | 6   | 8 sc.   | Sir William Van Home, Montreal, Que.   |
| 126210 | Covtchan      | Vancouver          | 1908 | 157 1 | 32 1 | 13 5  | 962   | 520 | 151 sc. | Union Steamship Co. of British Columbia, Ltd., Vancouver, B.C.                                 |
| 141795 | Covtchan Gap  | New Westminster    | 1920 | 42 8  | 10 7 | 4 3   | 16    | 11  | 1 sc.   | Miosoko Yamamoto, Steveston, B.C.  |
| 126233 | Craigflower   | Victoria           | 1908 | 65 0  | 12 3 | 2 8   | 21    | 12  | 2 pa.   | James J. Sloan, et al., Port Essington, B.C.   |
| 116844 | Crawford      | Owen Sound         | 1905 | 86 0  | 15 9 | 6 5   | 50    | 37  | 31 sc.  | W. M. Tyson, Warton, Ont.  |
| 126231 | Cresson       | Victoria           | 1908 | 35 4  | 8 9  | 2 7   | 5     | 3   | 1 pa.   | George W. Hale, Nelson, B.C.   |
| 40967  | Crete No. 1   | Montreal           | 1919 | 58 4  | 11 3 | 3 6   | 19    | 10  | 5 sc.   | Jean J. Crete, Grandes Piles, Que.   |
| 107996 | Crocket       | St. John, N. B.    | 1894 | 39 5  | 7 3  | 3 6   | 5     | 3   | 4 sc.   | Hon. J. Israel Tarte, Montreal, Que.   |
| 126805 | Crotton       | Vancouver          | 1910 | 55 0  | 16 8 | 7 2   | 45    | 30  | 3 sc.   | Mrs. T. J. Whitcroft, Vancouver, B.C.  |
| 134640 | Crombie       | Victoria           | 1916 | 99 3  | 21 3 | 4 6   | 162   | 102 | 6 pa.   | Adams River Lumber Company, Limited, Chase, B.C.   |
| 122368 | Cruiser       | Toronto            | 1916 | 87 3  | 14 3 | 6 5   | 48    | 38  | 20 sc.  | John B. Miller, Toronto, Ont.  |
| 122368 | Cruiser       | Vancouver          | 1907 | 29 0  | 9 2  | 4 3   | 12    | 8   | 1 sc.   | Davison-Ward Co., Ltd., Vancouver, B.C.  |
| 104606 | Cruiser       | Halifax            | 1895 | 159 0 | 24 5 | 13 0  | 380   | 24  | 112 sc. | The Cruiser Towing Company, Ltd., Halifax, N.S.  |
| 124428 | Crouzier B.   | Halifax            | 1908 | 50 0  | 16 9 | 6 0   | 26    | 24  | 3 sc.   | John E. Faulkner and B. W. Faulkner, West Jeddore, N.S.  |
| 134572 | Galtus        | New Westminster    | 1911 | 36 0  | 8 9  | 5 0   | 13    | 9   | 2 sc.   | Abrernethy & Loughheed, Ltd., Port Haney, B.C.   |
| 138858 | Ganushca      | Vancouver          | 1906 | 35 2  | 11 0 | 4 1   | 11    | 8   | 2 sc.   | Geo. G. Bushby, Victoria, B.C.   |
| 130677 | Gannor        | Launceburg         | 1911 | 40 8  | 10 0 | 5 2   | 11    | 10  | 3 sc.   | Thomas Smith, Port Monton, N.S.  |
| 132731 | Capala        | Yarmouth           | 1915 | 72 0  | 22 4 | 8 8   | 68    | 24  | sc.     | James M. Walker, Yarmouth, N.S.  |
| 138307 | Capra         | Vancouver          | 1916 | 46 1  | 11 4 | 5 2   | 14    | 10  | 3 sc.   | The Granby Consolidated Mining, Smelting & Power Co., Ltd., 718 Granville St., Vancouver, B.C. |
| 130558 | Capram        | Vancouver          | 1911 | 59 5  | 11 4 | 5 8   | 29    | 19  | 3 sc.   | Whalon Pulp & Paper Mills, Ltd., Merchants Bank Bldg., Vancouver, B.C.                         |

<sup>1</sup>Formerly "Stanstead," and Foreign name "Clyde."  
<sup>2</sup>Formerly "Vera."  
<sup>3</sup>Formerly "Algerian."  
<sup>4</sup>Formerly a sailing vessel.  
<sup>5</sup>Foreign name "Aura."  
<sup>6</sup>Formerly "Granville."  
<sup>7</sup>Foreign name "Wm. L. Proctor."  
<sup>8</sup>Formerly "Flying Buzzard."  
<sup>9</sup>Formerly "Barin."  
<sup>10</sup>Formerly "Little Willie."  
<sup>11</sup>Formerly "Massachusetts."  
<sup>12</sup>Formerly "Jatitla Willie."

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—*A.O.*, Joint Owners propriétaires conjoints; *M.O.*, Manning owner propriétaires gérant; *P.A.*, Paddle à aubes; *S.C.*, Screw à hélice.  
 © Equipped with Wireless—Muni de la T.S.F.—NAMES of Motor Vessels in *italics*—Les noms des vapeurs à moteurs sont en *italiques*.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'inscription. | Built.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en C.V. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|--|------------------------|---------------------------------------|---|---|--|---------------------------------|--|--|---|
| 100683       | Carlew                          | Belleville                               | 1835                   | Kingston, Ont.                        | 35 2  | 7 0   | 2 9  | 9                               | 6  | 5 sec.   | H. A. Cartwright, Belleville, Ont.  |
| 100413       | Carlew                          | Ottawa                                   | 1892                   | Owen Sound, Ont., U.S.A.              | 116 3   | 19 8  | 11 3   | 158                             | 96   | 50 sec.  | The Minister of the Naval Service, Ottawa, Ont.                                       |
| 122178       | Carlew                          | Port Arthur                              | 1896                   | Ogdensburg, N.Y., U.S.A.              | 77 0  | 16 5  | 8 0  | 85                              | 58   | 24 sec.  | The Great Lakes Dredging and Contracting Co., Ltd., Ottawa, Ont.                      |
| 116698       | Cygnel                          | Kenora                                   | 1901                   | Port Arthur, Ont.                     | 32 0  | 9 0   | 3 0  | 4                               | 3  | 1 sec.   | George R. Crowe, Winnipeg, Man.   |
| 111877       | Cygnel                          | Liverpool                                | 1902                   | Yarmouth, N.S.                        | 37 3  | 9 9   | 5 0  | 11                              | 8  | 2 sec.   | Liverpool Fish Co., Ltd., Liverpool, N.S.   |
| 117019       | Cygnel                          | Vancouver                                | 1902                   | Vancouver, B.C.                       | 25 8  | 10 4  | 3 1  | 6                               | 4  | 2 sec.   | The Maple Ridge Creamery & Fruit Canning Co., Ltd., Port Hammond, B.C.                |
| 112290       | Cygnel                          | Winnipeg                                 | 1902                   | Selkirk, Man.                         | 50 0  | 12 0  | 4 5  | 18                              | 24   | 2 sec.   | Nelson River Packing Co., Ltd., Selkirk, Man.   |
| 103578       | Cynthia                         | Collingwood                              | 1897                   | Collingwood, Ont.                     | 60 0  | 11 6  | 6 4  | 35                              | 24   | 4 sec.   | Dominion Fish Co., Ltd., Winnipeg, Man.   |
| 107896       | Cynthia (The)                   | Montreal                                 | 1905                   | Racine, Wis., U.S.A.                  | 48 0  | 4 5   | 2 0  | 1                               | 1  | 1 sec.   | P. Adams Briggs, Sherbrooke, Que.   |
| 121729       | Cypress Queen                   | Vancouver                                | 1906                   | Acton Sound, B.C.                     | 33 0  | 10 9  | 4 8  | 17                              | 11   | 2 sec.   | Charles Thulin, Lund, B.C.  |
| 103907       | Czar                            | Victoria                                 | 1897                   | Victoria, B.C.                        | 101 0   | 21 5  | 11 0   | 152                             | 93   | 56 sec.  | Pacific Construction Co., Ltd., Vancouver, B.C.                                       |
| 138180       | D.C.F. No. 1                    | Prince Rupert                            | 1917                   | Georgetown, B.C.                      | 31 6  | 12 2  | 6 0  | 14                              | 10   | 2 sec.   | Deep. C. Fisheries, Ltd., Prince Rupert, B.C.   |
| 134273       | D. M. K.                        | Victoria                                 | 1912                   | Victoria, B.C.                        | 25 5  | 7 2   | 3 4  | 4                               | 3  | 3 sec.   | Henry J. Ketchen, Victoria, B.C.  |
| 141714       | D. S. T.                        | Vancouver                                | 1920                   | Vancouver, B.C.                       | 35 5  | 10 4  | 4 9  | 14                              | 5  | 11 sec.  | Martin Dyke, et al., Vancouver, B.C.  |
| 138426       | D. A. Thomas                    | Winnipeg                                 | 1916                   | Peace River, Alta.                    | 161 9   | 37 0  | 6 3  | 1, 14                           | 798  | 21 pa.   | Peace River Development Corporation, Ltd., 605 Credit Empower Bldg., Vancouver, B.C.  |
| 122283       | D. D. Mann                      | Shedburne                                | 1907                   | Shedburne, N.S.                       | 73 0  | 21 6  | 4 3  | 120                             | 89   | 13 sec.  | The Town of Lockport, N.S.  |
| 122029       | D. P. Co. 4                     | Liverpool                                | 1907                   | Lanenburg, N.S.                       | 25 6  | 9 8   | 4 5  | 7                               | 6  | 1 sec.   | John F. Seldon, Liverpool, N.S., and William H. Dogge, Whitepoint, N.S., J.O.         |
| 100725       | D. J. Purdy                     | Montreal                                 | 1893                   | Montreal, Que.                        | 142 2   | 24 4  | 8 4  | 500                             | 315  | 34 pa.   | The Crystal Steam Steamship Co., Ltd., St. John, N.B.                                 |
| 71134        | D. P. Dey                       | Montreal                                 | 1866                   | Buffalo, N.Y., U.S.A.                 | 35 1  | 11 0  | 4 1  | 11                              | 6  | 6 sec.   | Lyon Cohen, Montreal, Que.  |
| 71104        | D. R. Van Allen                 | Toronto                                  | 1874                   | Chatham, Ont.                         | 133 0   | 26 0  | 10 0   | 318                             | 216  | 57 sec.  | Norman M. Pederson, Fort William, Ont.  |
| 90536        | D. W. Crow                      | Chatham, Ont.                            | 1902                   | Chatham, Ont.                         | 63 0  | 13 0  | 6 0  | 31                              | 18   | 67 sec.  | Norman Trotter, Little Current, Ont.  |
| 116361       | D. McLeod                       | Goderich                                 | 1903                   | Goderich, Ont.                        | 69 3  | 15 0  | 6 5  | 35                              | 25   | 11 sec.  | Dominion Fish Co., Ltd., Winnipeg, Man.   |
| 107682       | Daek                            | Belleville                               | 1898                   | Clayton, N.Y., U.S.A.                 | 46 5  | 9 3   | 3 3  | 18                              | 12   | 5 sec.   | Andrew I. Thompson, Port Arthur, Ont.   |
| 130823       | Dagon                           | Lanenburg                                | 1902                   | Tancook, N.S.                         | 45 0  | 10 4  | 5 8  | 13                              | 12   | 1 sec.   | Ernest Covey, M.O., Tancook, N.S.   |
| 112222       | Dakinda                         | St. John, N.B.                           | 1912                   | St. Joseph, Mich., U.S.A.             | 25 5  | 6 0   | 2 3  | 2                               | 1  | 4 3 sec.   | H. S. Fitz Randolph, Fredericton, N.B.  |
| 100405       | Daisy                           | Quebec                                   | 1893                   | Quebec, Que.                          | 41 6  | 11 0  | 4 5  | 15                              | 10   | 12 sec.  | The Minister of Public Works, Ottawa, Ont.  |

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| 88375  | Daisy                       | Vancouver       | 1885           | Comox, B.C.                                | 71 0           | 14 4           | 5 6          | 47         | 25         | 11 sc.   | Carl F. Janson and Wm. S. Donaldson, J.O., Vancouver, B.C.   |
|--------|-----------------------------|-----------------|----------------|--|----------------|----------------|--------------|------------|------------|----------|--|
| 111457 | Daisy                       | Winnipeg        | { 1901<br>1912 | { Selkirk, Man.<br>Wasa Bay, U.S.A.        | { 69 0<br>69 0 | { 15 2<br>15 2 | { 6 0<br>6 0 | { 58<br>58 | { 39<br>39 | { 9 sc.  | { Northern Fish Company, Limited, Selkirk, Manitoba.   |
| 103658 | Daisy Moore                 | Winnipeg        | 1900           | Kenora, Ont.                               | 57 0           | 12 0           | 5 2          | 38         | 21         | 3 sc.    | John W. Short, Kenora, Ont.  |
| 130731 | Daisy Z                     | Lanenburg       | 1911           | Little Tancook, N.S.                       | 39 6           | 10 0           | 5 4          | 11         | 10         | 3 sc.    | Wm. T. Potter, Fisherman's Harbour, N.S.   |
| 130312 | Dalhousie City              | Toronto         | 1911           | Collingswood, Ont.                         | 199 8          | 37 0           | 20 7         | 752        | 115 sc.    | 115 sc.  | MacKenzie, Mann & Co., Limited, Toronto, Ont.  |
| 138063 | Delton K.                   | Ottawa          | 1915           | Sturgeon Falls, Ont.                       | 46 6           | 11 2           | 5 6          | 21         | 12         | 3, sc.   | Chas. Williams, Sturgeon Falls, Ont.   |
| 97119  | D'Alton McCarthy            | Collingswood    | { 1893<br>1909 | { Collingswood, Ont.<br>Amhersburg, Ont.   | { 65 8<br>65 8 | { 15 5<br>15 5 | { 6 0<br>6 0 | { 45<br>45 | { 30<br>30 | { 14 sc. | { Wm. G. Goodchild, Tp. of Maitlen, Ont.<br>Albert Conrad, Upper La Have, N.S.                         |
| 126524 | Dan Patch                   | Lanenburg       | 1909           | Tancook, N.S.                              | 41 2           | 10 8           | 5 6          | 12         | 12         | 19 sc.   | The Laurin & Letch Engineering and Construction Company, Limited, 5 Beaver Hall Square, Montreal, Que. |
| 168805 | Dandy                       | Sorel           | 1905           | Hull, Que.                                 | 72 0           | 17 0           | 8 0          | 77         | 36         | 18 sc.   | River Valley Lumber Co., Ltd., Oronto, N.B.  |
| 146726 | Daniel                      | St. John, N.B.  | 1904           | St. John, N.B.                             | 50 8           | 12 9           | 5 8          | 30         | 21         | 14 sc.   | Newport Plaster, Mining and Manufacturing Company, Limited Windsor, N.S.                               |
| 112065 | Daniel M. Munro             | Windsor, N.S.   | 1892           | Dumbarton, G.B.                            | 220 7          | 35 0           | 21 0         | 1,216      | 888        | 18 sc.   | Windsor, N.S.  |
| 122028 | Daphne                      | Liverpool       | U.S.A.         | U.S.A.                                     | 44 0           | 10 4           | 4 6          | 11         | 7          | 5 sc.    | R. B. H. Robertson, Bridgewater, N.S.  |
| 122364 | Daphne                      | Vancouver       | 1906           | Lund, B.C.                                 | 29 0           | 7 3            | 2 9          | 9          | 6          | 4 sc.    | William R. Arnson, Lund, B.C.  |
| 131160 | Daphona                     | Vancouver       | 1912           | Hong Kong                                  | 57 3           | 13 0           | 8 0          | 41         | 28         | 33 sc.   | Fitzherbert B. Oakden, Victoria, B.C.  |
| 123375 | Daring                      | Vancouver       | 1907           | Vancouver, B.C.                            | 72 0           | 17 8           | 8 0          | 81         | 55         | 16 sc.   | Gulf of Georgia Towing Co., Ltd., 199 Sixth Ave. W., Vancouver, B.C.                                   |
| 116948 | Dart                        | Kenora          | 1904           | Kenora, Ont.                               | 21 0           | 6 0            | 2 3          | 2          | 1          | 4 sc.    | Scott Hudson Building Co., Ltd., Kenora, Ont.  |
| 90889  | Dartmouth                   | Halifax         | 1888           | Yarmouth, N.S.                             | 136 0          | 28 4           | 10 7         | 311        | 196        | 75 pa.   | The Dartmouth Ferry Commission, Dartmouth, N.S.  |
| 131314 | Daughter of the Peaks (The) | Kenora          | 1910           | Banff, Alta.                               | 58 0           | 11 9           | 4 0          | 17         | 12         | 6 sc.    | John Standly, Banff, Alta.   |
| 111599 | Dauntless                   | New Westminster | 1901           | New Westminster, B.C.                      | 92 0           | 20 5           | 9 5          | 128        | 89         | 27 sc.   | Westminster Towing & Fishing Co., Ltd., New Westminster, B.C.  |
| 90579  | Dauntless                   | Toronto         | 1884           | Gravenhurst, Ont.                          | 44 6           | 8 0            | 4 5          | 8          | 5          | 1 sc.    | S. C. Macdonald, Dunnville, Ont.   |
| 85306  | David G. Thomson            | Montreal        | 1883           | Kingston, Ont.                             | 103 3          | 17 3           | 9 8          | 182        | 75         | 200 sc.  | Montreal Transportation Co., Ltd., 14 Place Royale, Montreal, Que.                                     |
| 116368 | David Marwick               | Goderich        | 1905           | Tobermory, Ont.                            | 60 0           | 13 8           | 6 2          | 30         | 20         | 13 sc.   | Howard L. Leslie, Tobermory, Ont.  |
| 121688 | David Ritchie               | Chatham, N.B.   | 1903           | Chatham, N.B.                              | 61 0           | 14 0           | 5 1          | 25         | 16         | 14 sc.   | Allan Ritchie, Newcastle, N.B.   |
| 122296 | David S. Winton             | Prince Albert   | 1920           | The Pas, Man.                              | 120 0          | 25 2           | 4 3          | 289        | 147        | 9 pa.    | Albert L. Maitles, The Pas, Man.   |
| 83487  | David Scotch                | Montreal        | 1915           | Montreal, Que.                             | 67 5           | 18 5           | 8 8          | 111        | 32         | 28 sc.   | Harbour Commissioners of Montreal, Montreal, Que.  |
| 830589 | Davis McNab                 | Halifax         | 1912           | Malbone Bay, N.S.                          | 68 6           | 17 5           | 8 7          | 53         | 34         | 23 sc.   | Harbour Ship Company, Ltd., 81 Lockman St., Halifax, N.S.  |
| 130541 | Davy Jones                  | Vancouver       | 1907           | Everett, Wash., U.S.A.                     | 73 0           | 12 3           | 5 4          | 23         | 23         | 6 sc.    | B. C. Mills Tug & Barge Co., Ltd., Dunleavy Ave., Vancouver, B.C.                                      |
| 100936 | Dawoodena                   | Victoria        | 1892           | Victoria, B.C.                             | 33 4           | 11 5           | 4 5          | 10         | 7          | 1 sc.    | Jas. Dobbins and John Little, J.O., North Vancouver, B.C.  |
| 121774 | Dawn                        | Toronto         | 1900           | Toronto, Ont.                              | 27 0           | 9 5            | 2 0          | 3          | 2          | 1 sc.    | Jos. Cooper, Bracebridge, Ont.   |
| 107536 | Dawson                      | Victoria        | 1901           | White Horse, Y.T.                          | 167 0          | 34 0           | 4 5          | 779        | 491        | 19 pa.   | The British Yukon Navigation Co., Ltd., 589 Granville St., Vancouver, B.C.                             |
| 116695 | Day Star                    | Kenora          | 1903           | Kenora, Ont.                               | 34 0           | 8 5            | 4 0          | 13         | 0          | 1 sc.    | Albert Naymark, Kenora, Ont.   |
| 130998 | De Grace                    | Chatham, N.B.   | 1913           | Shippigan, N.B.                            | 38 9           | 14 6           | 5 3          | 13         | 10         | 1 sc.    | James De Grace, Shippigan, N.B.  |
| 126225 | De Los                      | Sarnia          | 1900           | Sombra, Ont.                               | 16 7           | 4 0            | 1 5          | 1          | 1          | 4 sc.    | Thomas W. Whiteley, Sombra, Ont.   |
| 131026 | De Queen                    | Quebec          | 1913           | St. Henri de Fallon, Que.                  | 73 0           | 17 5           | 6 7          | 94         | 46         | 6 sc.    | Jean Baptiste Simard, M.O., St. Jerome, Que.   |
| 107494 | De St. Juste                | Quebec          | 1893           | St. Laurent, Isle of Orleans, Que.         | 37 5           | 7 7            | 3 3          | 5          | 4          | 8 sc.    | Jean Baptiste E. Letellier, Quebec, Que.   |
| 131069 | De Wit                      | Lanenburg       | 1908           | Kenora, N.S.                               | 43 9           | 11 0           | 5 5          | 12         | 11         | 3 sc.    | David Rhodenizer, Port Medway, N.S.  |
| 130407 | Delorath                    | New Westminster | 1912           | Amieville, B.C.                            | 23 5           | 5 4            | 3 0          | 7          | 4          | 1 sc.    | John J. Ryan, Prince Rupert, B.C.  |
| 107574 | Defiance                    | Halifax         | 1904           | Shebarrow, N.S.                            | 64 7           | 13 7           | 9 5          | 38         | 26         | 13 sc.   | Defiance Water Boat Co., Ltd., George St., Halifax, N.S.   |
| 107717 | Defiance                    | Vancouver       | 1897           | Tacoma, Wash., U.S.A.                      | 62 0           | 16 0           | 5 1          | 43         | 29         | 5 sc.    | Whaten Flap and Paper Mills, Ltd., 630 Pender St., Vancouver, B.C.                                     |
| 130621 | DeKenon LeBlanc             | Yarmouth        | 1911           | Wedgeport, N.S.                            | 37 6           | 10 7           | 4 6          | 10         | 9          | 1 sc.    | John Shand, Bear Point, N.S.   |
| 130948 | Delta H.                    | Lanenburg       | 1912           | Tancook, N.S.                              | 41 4           | 10 4           | 5 3          | 12         | 11         | 3 sc.    | Thos. Cassien, Fort Felix, N.S., and Anstey W. Fader, Conso, N.S.                                      |
| 130652 | Delilah C.                  | Montreal        | { 1907<br>1910 | { Bayonne, N.Y., U.S.A.<br>St. Denis, Que. | { 60 0<br>60 0 | { 10 0<br>10 0 | { 4 5<br>4 5 | { 18<br>18 | { 11<br>11 | { 4 sc.  | { Louis E. Charron, St. Denis, Que.  |

<sup>1</sup>Formerly "Sincomnes," <sup>2</sup>Formerly "Dean," <sup>3</sup>Formerly a Sailing Vessel.

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviation—Abréviations: **J.O.**, Joint Owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaires géants; **Fa.**, Paddle—à aubes; **St.**, Screw—à hélice.   
 © Equipped with Wireless—Muni de la T. S. F.—Names of Motor Vessels in *italics*—Les noms des vapeurs à moteurs sont en *italiques*.

| Official No. | Name of Ship.<br>Nom du navire. | Part of Registry.<br>Port d'enregistrement. | Built.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths. | Breadth in feet and 10ths. | Latent in feet and 10ths. | Depth in feet and 10ths. | Profoundeur en pieds et 10es. | Gross Tonnage. | Registered Tonnage.   | Tonnage enregisté.                         | H.P. of Engines and Mode of Propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire géant, et adresse. |
|--------------|---------------------------------|---|------------------------|---------------------------------------|---------------------------|----------------------------|---------------------------|--------------------------|-------------------------------|----------------|---|--|---|--|
| 61134        | Delisle.....                    | Montreal.....                               | 1869                   | Buffalo, N. Y., U.S.A.....            | 62 4                      | 14 8                       | 7 1                       | 4 0                      | 46                            | 17             | 50 sc.  | The Minister of Public Works, Ottawa, Ont. |   |  |
| 134279       | Della C.....                    | Victoria.....                               | 1914                   | Victoria, B.C.....                    | 41 4                      | 11 4                       | 6 2                       | 20                       | 10                            | 2 sc.          | Hume B. Babington, Prince Rupert, B.C.                                    |  |   |  |
| 138167       | Dell Martin.....                | Vancouver.....                              | 1916                   | Nanaimo, B.C.....                     | 42 2                      | 11 0                       | 4 6                       | 14                       | 10                            | 2 sc.          | Wm. J. Gillis, Brochlin P.O., Nanaimo, B.C.                               |  |   |  |
| 134063       | Delphinium.....                 | Vancouver.....                              | 1912                   | Vancouver, B.C.....                   | 47 5                      | 12 0                       | 4 0                       | 31                       | 21                            | 2 sc.          | Konzalturo Gondo, Vancouver, B.C.   |  |   |  |
| 90618        | Delta.....                      | Moncton.....                                | 1889                   | Hillshoro, N. B.....                  | 34 5                      | 12 8                       | 4 8                       | 20                       | 12                            | 15 sc.         | Edward Kimmie, Riverside, Albert Co., N. B.                               |  |   |  |
| 100644       | Delta.....                      | Vancouver.....                              | 1889                   | Hopewell Cape, N. B.....              | 47 5                      | 9 5                        | 4 4                       | 15                       | 10                            | 6 sc.          | Alchemey & Longhead, Ltd., Port Haney, B.C.                               |  |   |  |
| 121669       | Denisa.....                     | Quebec.....                                 | 1905                   | Victoria, B.C.....                    | 55 8                      | 14 8                       | 6 4                       | 38                       | 26                            | 16 sc.         | La Cie Générale d'Entreprises Publiques, Lévis, Qué.                      |  |   |  |
| 131107       | Denise S.....                   | Montreal.....                               | 1912                   | Port-au-Fort, Que.....                | 54 6                      | 14 6                       | 6 4                       | 54                       | 26                            | 16 sc.         | The Cedars Rapids Manufacturing & Power Co., 83 Craig St., Montreal, Que. |  |   |  |
| 130708       | Dennan.....                     | Vancouver.....                              | 1911                   | Steveston, B.C.....                   | 35 8                      | 9 0                        | 4 0                       | 10                       | 7                             | 4 sc.          | Tecoro Shimizu, Victoria, B.C.  |  |   |  |
| 141334       | Derby No. 1.....                | New Westminster.....                        | 1919                   | Fort Langley, B.C.....                | 33 2                      | 8 9                        | 4 0                       | 10                       | 7                             | 4 sc.          | George Browse, Fort Langley, B.C.   |  |   |  |
| 126066       | Derry.....                      | Charlottetown.....                          | 1900                   | Canoe Cove, P.E.I.....                | 38 4                      | 9 2                        | 2 9                       | 6                        | 5                             | 2 sc.          | John T. Inman, Canoe Cove, P.E.I.   |  |   |  |
| 107422       | Derry Carnie.....               | Brookville.....                             | 1909                   | Racine, Wis., U.S.A.....              | 15 5                      | 4 5                        | 2 8                       | 3                        | 3                             | 1 sc.          | W. D. Morris, Ottawa, Ont.  |  |   |  |
| 126554       | Des Brisay.....                 | Vancouver.....                              | 1909                   | Vancouver, B.C.....                   | 48 5                      | 13 2                       | 5 2                       | 33                       | 23                            | 7 sc.          | Genoa Bay Lumber Co., Ltd., 320 Central Bldg., Victoria, B.C.             |  |   |  |
| 133953       | Deschailions.....               | Sorel.....                                  | 1914                   | Sorel, Que.....                       | 93 0                      | 22 5                       | 9 0                       | 214                      | 76                            | 42 sc.         | The Minister of Marine and Fisheries, Ottawa, Ont.                        |  |   |  |
| 138457       | Delecteur.....                  | Sorel.....                                  | 1915                   | Sorel, Que.....                       | 110 0                     | 35 0                       | 13 1                      | 584                      | 281                           | 32 sc.         | Minister of Marine and Fisheries, Ottawa, Ont.                            |  |   |  |
| 130910       | Dertz.....                      | Vancouver.....                              | 1911                   | Seattle, Wash., U.S.A.....            | 40 0                      | 12 5                       | 5 2                       | 23                       | 15                            | 1 sc.          | Walter Fisheries Ltd., 1001 Vancouver Bldg., Vancouver, B.C.              |  |   |  |
| 100695       | Diamond.....                    | Parrsboro.....                              | 1894                   | Petou, N. S.....                      | 43 3                      | 12 4                       | 5 6                       | 23                       | 15                            | 10 sc.         | The Nova Scotia Shipping Co., Ltd., 8 Prince St., Halifax, N.S.           |  |   |  |
| 122254       | Dick.....                       | Quebec.....                                 | 1906                   | Montmagny, Que.....                   | 71 4                      | 16 0                       | 4 4                       | 42                       | 27                            | 8 ps.          | Price Bros. & Co., Ltd., Quebec, Que.                                     |  |   |  |
| 134367       | Dick T.....                     | Quebec.....                                 | 1914                   | Sorel, Que.....                       | 64 0                      | 15 2                       | 6 3                       | 44                       | 20                            | 16 sc.         | Lechance Limitee, 105 Dalhousie St., Quebec, Que.                         |  |   |  |
| 103930       | Dickson.....                    | Peterborough.....                           | 1890                   | Simcoe, Ont.....                      | 28 6                      | 10 0                       | 3 3                       | 16                       | 10                            | 20 ps.         | The French River Boom Co., Ltd., Midland, Ont.                            |  |   |  |
| 132867       | Diggs.....                      | Vancouver.....                              | 1880                   | Victoria, B.C.....                    | 69 3                      | 14 2                       | 6 7                       | 64                       | 41                            | 18 sc.         | Clarence N. Marpole, Vancouver, B.C.                                      |  |   |  |
| 466859       | Dillwyn.....                    | Sarnia.....                                 | 1891                   | Buffalo, N. Y., U.S.A.....            | 68 0                      | 15 3                       | 7 0                       | 41                       | 28                            | 30 sc.         | Wm. A. Warren, Toronto, Ont.  |  |   |  |
| 133799       | Dinnie John.....                | Port Stanley.....                           | 1920                   | Port Stanley, Ont.....                | 69 0                      | 16 6                       | 6 0                       | 50                       | 34                            | 10 sc.         | Harold F. Woodliff, M.O., Port Stanley, Ont.                              |  |   |  |
| 137946       | Diny Moor.....                  | Vancouver.....                              | 1912                   | Vancouver, B.C.....                   | 38 5                      | 10 6                       | 4 5                       | 26                       | 17                            | 2 sc.          | N. S. Longhead and G. G. Abernethy, J.O., Port Haney, B.C.                |  |   |  |
| 137879       | Ditig Moor.....                 | Sydney, N. S.....                           | 1913                   | Conceal Bank, N.S.....                | 36 2                      | 10 0                       | 5 5                       | 12                       | 11                            | 4 sc.          | John McLeann, M.O., New Campbellton, N. B.                                |  |   |  |
| 130682       | Dit-on.....                     | Chatham, N. B.....                          | 1912                   | Conceal, N. B.....                    | 35 0                      | 14 0                       | 4 7                       | 12                       | 10                            | 4 sc.          | Henry Legge, Caraquet, N. B.  |  |   |  |
| 138173       | Dixie Rupert.....               | Prince Rupert.....                          | 1909                   | Vancouver, B.C.....                   | 27 7                      | 7 4                        | 3 4                       | 5                        | 5                             | 1 sc.          | Reginald L. Newcomb, Prince Rupert, B.C.                                  |  |   |  |
| 133591       | Doane.....                      | Parrsboro.....                              | 1913                   | Port Greville, N.S.....               | 129 6                     | 33 9                       | 11 8                      | 352                      | 291                           | 1 sc.          | Thomas Rice, Port Arthur, Texas, U.S.A.                                   |  |   |  |
| 126214       | Dodger.....                     | Vancouver.....                              | 1908                   | Port Moody, B.C.....                  | 30 5                      | 8 7                        | 3 0                       | 5                        | 3                             | 3 sc.          | Louis Anderson, Vancouver, B.C.   |  |   |  |

SESSIONAL PAPER No. 22

| No.    | Name                 | Company                  | Tonnage | Length | Breadth | Speed | Engines   | Notes  |
|--------|----------------------|--------------------------|---------|--------|---------|-------|-----------|--|
| 122517 | Dola                 | Vancouver                | 96.3    | 21.5   | 10.9    | 17.0  | 39 sc.    | Canadian Pacific Railway Co., Montreal, Que.   |
| 10064  | Dolce                | Kingston                 | 42.3    | 7.4    | 2.9     | 5     | 8 sc.     | J. W. Church, Gananoque, Ont.  |
| 14132  | Dolores              | Vancouver                | 31      | 8.3    | 3.8     | 9     | 1 sc.     | Mrs. Wm. S. Peebles, Lund, B.C.  |
| 13337  | Dollard              | Kingston, Ont.           | 178.6   | 31.9   | 15.3    | 761   | 116 sc.   | The Minister of Marine and Fisheries, Ottawa, Ont.                                   |
| 141430 | Dollarton            | Vancouver, B.C.          | 43.9    | 13.7   | 6.5     | 27    | 4 1/2 sc. | Canadian Robert Dollar Co., Ltd., 305/350 Hastings St. W., Vancouver, B.C.           |
| 80680  | Dolphin              | Montreal, Que.           | 71.4    | 18.5   | 8.1     | 70    | 32 sc.    | Ottawa Transportation Co., Ltd., Ottawa, Ont.  |
| 97506  | Dolphin Sound        | Victoria, B.C.           | 49.0    | 12.5   | 5.1     | 21    | 17 sc.    | Jas. Playfair and D. L. White, Jr., J.O., Midland, Ont.                              |
| 93411  | Dolphin              | E. Cowes, I. of W., Eng. | 59.0    | 10.0   | 4.3     | 13    | 4 sc.     | The Savannah Lumber Co., Ltd., Penelungshöhe, Ont.                                   |
| 111992 | Dolphin              | Lund, B.C.               | 47.4    | 11.0   | 5.8     | 20    | 14        | Pacific Construction Company, Limited, 510 Hastings St. W., Vancouver, B.C.          |
| 111922 | Dolphin E.           | Toronto                  | 36.0    | 6.8    | 2.2     | 6     | — sc.     | Miss Mimie McVicar, Paris, Ont.  |
| 13415  | Dora                 | Vancouver, B.C.          | 28.0    | 8.5    | 3.8     | 6     | 1 sc.     | Vancouver Croosoting Company, Limited, 1308 Standard Bank Bldg., Vancouver, B.C.     |
| 116414 | Dominion             | Victoria, B.C.           | 57.5    | 11.8   | 4.4     | 18    | 6 sc.     | Thos. G. McBride, et al., Vancouver, B.C.  |
| 132044 | Dominion Trader      | Port Hawkesbury          | 53.0    | 13.0   | 7.0     | 40    | 31        | Dominion Fisheries, Ltd., Halifax, N.S.  |
| 117588 | Dora                 | Victoria, B.C.           | 38.2    | 8.6    | 3.9     | 12    | 2 sc.     | John C. Bloomfield and Erick Simpson, J.O., Victoria, B.C.                           |
| 130844 | Dora Q.              | Victoria                 | 35.8    | 8.2    | 3.7     | 10    | 6         | John Todd, Vancouver, B.C.   |
| 129147 | Dora de Dieu         | Sorel, Que.              | 31.0    | 6.8    | 2.2     | 3     | 1 sc.     | Pierre Beauchemin, Sorel, Que.   |
| 111963 | Dora                 | Victoria, Ont.           | 36.0    | 8.7    | 3.2     | 10    | 3 sc.     | John Thompson, South Bay, Ont.   |
| 133947 | Donald H. McDonald   | Ottawa                   | 43.6    | 12.3   | 4.8     | 31    | 17        | MacLachlin Bros., Ltd., Arnprior, Ont.   |
| 134452 | Donald Mac           | Toronto                  | 71.0    | 17.0   | 8.1     | 70    | 13 sc.    | Charles F. J. C. Morgan, Port Stanley, Ont.  |
| 137904 | Donald Padnek        | Montreal                 | 40.5    | 11.0   | 5.0     | 16    | 5         | Abitha Power & Paper Co., Ltd., New Sun Life Bldg., Montreal, Que.                   |
| 131034 | Doncella             | Vancouver                | 70.8    | 12.8   | 3.1     | 27    | 18        | Corporation of the District of West Vancouver, Municipal Hall, West Vancouver, B.C.  |
| 131035 | Donna Isabel         | Vancouver                | 49.5    | 11.0   | 5.0     | 17    | 12        | Usaburo Nishiza, Vancouver, B.C.   |
| 96710  | Dora                 | Ottawa                   | 61.6    | 13.0   | 5.5     | 48    | 30 sc.    | The Minister of Public Works, Ottawa, Ont.   |
| 133939 | Dora M.              | Charlton, N.B.           | 39.9    | 11.0   | 4.0     | 24    | 2 pt.     | George McLean, Tabusintac, N.B.  |
| 111764 | Doreas               | Brookville               | 31.2    | 5.6    | 3.0     | 3     | 3 sc.     | Dr. W. F. Jackson, Brookville, Ont.  |
| 131219 | Doree                | Sydney, N.S.             | 20.1    | 5.2    | 3.4     | 2     | 3 sc.     | Alfred J. Hollyer, Sydney, N.S.  |
| 116233 | Dorcie               | Toronto                  | 260.0   | 43.2   | 23.2    | 1,452 | 106 sc.   | Canada Steamship Lines, Limited, 9 Victoria Square, Montreal, Que.                   |
| 138662 | Doris J. Lyons       | Barrington Passage       | 47.4    | 13.3   | 5.8     | 23    | 1 sc.     | D. M. Lyons and S. G. Crowell, Barrington Passage, N.S.                              |
| 138677 | Doridokation         | Prince Rupert            | 44.2    | 12.8   | 6.0     | 17    | 21        | F. A. Kelly, Longing and Lumber Co., Ltd., 401 Bank of Ottawa Bldg., Vancouver, B.C. |
| 111562 | Dorothea             | Toronto                  | 23.0    | 8.4    | 3.3     | 8     | 1 sc.     | W. F. Thomson, Rose Point, Ont.  |
| 130288 | Dorothea D.          | St. Catharines           | 37.9    | 13.0   | 7.0     | 45    | 2 sc.     | Arthur L. Dougher, Stronness, Ont., and Merrill Jenkinson, Dunnville, Ont., J.O.     |
| 124016 | Dorothy              | Ottawa                   | 35.6    | 10.2   | 3.6     | 5     | 3 sc.     | Jno. M. and Herbert Wallace, J.O., Cobalt, Ont.                                      |
| 122370 | Dorothy              | Vancouver                | 43.8    | 8.6    | 4.0     | 10    | 7         | Duncan Bell-Irving, Vancouver, B.C.  |
| 1007   | Dorothy              | Victoria, B.C.           | 43.5    | 10.2   | 7.8     | 29    | 9 sc.     | Wm. E. Gardner, Victoria, B.C.   |
| 135741 | Dorothy Earl         | Yarmouth                 | 45.0    | 10.2   | 7.0     | 39    | 2 sc.     | Wm. Hingley, et al., Halifax, N.S.   |
| 135771 | Dorothy P.           | Richibucto, N.B.         | 22.6    | 17.2   | 14.2    | 12    | 3 sc.     | James A. Mills, Hardwick, N.B.   |
| 138038 | Dorothy G. Nickerson | Woodville, N.S.          | 32.0    | 4.4    | 5.0     | 14    | 3 sc.     | Roy L. Nickerson, Woods Harbour, N.S.  |
| 126879 | Dorothy G. Snow      | Barrington Passage       | 98.0    | 23.0   | 9.8     | 91    | 3 sc.     | The Schooner "Yorlaine" Ltd., 134 McGill St., Montreal, Que.                         |
| 116878 | Dorothy J.           | St. Catharines           | 31.0    | 10.0   | 4.5     | 10    | 3 sc.     | John F. Crawford and Saunders Hoover, Twp. Dunn, Haldimand, Ont.                     |
| 137997 | Dorothy M. B.        | Arichal                  | 32.0    | 10.4   | 5.7     | 12    | 1 sc.     | Martin Baccarax, Poireriville, N.S.  |
| 130284 | Dorothy May          | Port Dalhousie, Ont.     | 53.1    | 15.0   | 9.1     | 55    | 19 sc.    | William Hand, Port Dalhousie, Ont.   |
| 124497 | Dorothy N.           | Charlton, N.B.           | 69.0    | 17.8   | 5.3     | 26    | 12 sc.    | The Newcastle Steamboat Co., Ltd., Newcastle, N.B.                                   |
| 133835 | Dorval               | Montreal                 | 60.5    | 13.8   | 4.0     | 26    | 3 sc.     | Royal St. Lawrence Yacht Club, Dorval, Que.  |
| 134114 | Dot                  | Vancouver                | 26.1    | 8.0    | 3.5     | 8     | 3 sc.     | Wm. G. Graciebank, Nanaimo, B.C.   |
| 130376 | Dotken               | Peterboro                | 24.8    | 5.8    | 2.4     | 3     | 3 sc.     | C. B. Roadley, Peterborough, Ont.  |
| 141759 | Douganlinnac         | Montreal                 | 344.9   | 36.6   | 15.4    | 1,457 | 98 sc.    | The Sheenac McNaughton Line, Ltd., 75 Common St., Montreal, Que.                     |
| 141422 | Douglas Fir          | Vancouver                | 27.6    | 8.0    | 4.6     | 9     | 1 sc.     | The Minister of Lands, Victoria, B.C.  |

\*Formerly "Argyle." †Formerly a sailing vessel. ‡Formerly "Tadousac." §Foreign name "Columbia."

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—*A.O.*, Joint Owners—propriétaires conjoints; *M.O.*, Managing owner—propriétaire gérant; *P.A.*, Puddle—à anches; *S.C.*, Screw à hélice.   
 Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in Italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'inscription. | Built<br>Construit | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en C.V. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|--|--------------------|---------------------------------------|---|---|--|---------------------------------|--|--|---|
| 430227       | Douglas H.                      | Port Stanley.                            | 1912               | Port Stanley, Ont.                    | 73  | 16  | 7  | 51                              | 37   | 11 sc.   | Rudolph H. Long, Port Stanley, Ont.   |
| 101291       | Douglas H. Thomas               | Sydney, N.S.                             | 1892               | Maryland, U.S.A.                      | 116   | 5   | 13   | 98                              | 98   | 57 sc.   | The Dominion Coal Co., Ltd., Montreal, Que.   |
| 137908       | Douglas L.                      | Toronto.                                 | 1917               | Leorning, Ont.                        | 41  | 0   | 3  | 23                              | 13   | 1 sc.  | James Ledgates, Parry Sound, Ont.   |
| 126002       | Douglas M.                      | Southampton.                             | 1896               | Buffalo, N.Y., U.S.A.                 | 71  | 4   | 6  | 58                              | 39   | 14 sc.   | Donald B. McAnlay, Southampton, Ont.  |
| 130891       | <i>Doucaine</i>                 | Victoria.                                | 1912               | Victoria, B.C.                        | 21  | 2   | 8  | 5                               | 10   | 1 sc.  | Mrs. George Watson, Victoria, B.C.  |
| 130615       | <i>Dragon Fly</i>               | Victoria.                                | 1911               | Bay City, Mich., U.S.A.               | 29  | 4   | 5  | 15                              | 9  | 23 sc.   | John Gunnar, Vancouver, B.C.  |
| 88225        | Dream                           | Ottawa.                                  | 1886               | Kingston, Ont.                        | 50  | 6   | 4  | 65                              | 12   | 19 sc.   | The Minister of Customs, Ottawa, Ont.   |
| 92356        | Dream                           | St. John, N.B.                           | 1881               | Newark, N.J., U.S.A.                  | 63  | 9   | 2  | 66                              | 4  | 3 sc.  | Donald P. Taylor, Shedfield, N.B.   |
| 138331       | <i>Dresse</i>                   | St. John, N.B.                           | 1916               | Boston, U.S.A.                        | 32  | 7   | 6  | 4                               | 11   | 1 sc.  | Jackson E. LeCherignon, Coqys, N.B.   |
| 138517       | <i>Druel</i>                    | Chatham, N.B.                            | 1915               | Prasley, C.B.                         | 69  | 0   | 4  | 43                              | 11   | 3 sc.  | Mrs. May Druel, Chatham, N.B.   |
| 112393       | <i>Draud</i>                    | Ottawa.                                  | 1902               | Victoria, B.C.                        | 169   | 0   | 12   | 502                             | 193  | 59 sc.   | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 141142       | <i>Drummond</i>                 | Victoria.                                | 1912               | Burnt Church, N.B.                    | 39  | 0   | 11   | 15                              | 7  | 1 sc.  | Joseph A. Paul, Victoria, B.C.  |
| 141001       | Du Chene.                       | Quebec.                                  | 1918               | Cumherbyard, B.C.                     | 43  | 2   | 5  | 15                              | 14   | 4 sc.  | Alain Joly de Lotbinière, Leclercville, Que.  |
| 133996       | Du Val.                         | Chatham, N.B.                            | 1910               | Leclercville, Que.                    | 39  | 0   | 3  | 20                              | 18   | 3 pa.  | Restougue Log Driving & Boom Co., Campbellton, N.B.                                   |
| 103312       | Duchess of York.                | Montreal.                                | 1890               | Campbellton, N.B.                     | 156   | 8   | 4  | 490                             | 262  | 39 pa.   | King Edward Park Co., Ltd., Montreal, Que.  |
| 116896       | Duffrin.                        | Halifax.                                 | 1905               | Montreal, Que.                        | 108   | 0   | 8  | 211                             | 99   | 42 sc.   | Charles A. Murdoch, et al., Sherbrooke, N.S.  |
| 126199       | E. A. Shores, Jr.               | Windsor, Ont.                            | 1892               | Cheboygan, Wis., U.S.A.               | 162   | 0   | 11   | 583                             | 310  | 69 sc.   | John G. Mullen, Amherstburg, Ont.   |
| 125877       | E. B. Osler                     | Toronto.                                 | 1908               | Bridgeburg, Ont.                      | 491   | 3   | 26   | 6,787                           | 4,361                                      | 203 sc.  | Canada Steamship Lines, Limited, 9 Victoria Square, Montreal, Que.                    |
| 126643       | E. C. Ogden                     | Port Dover.                              | 1874               | Grand Haven, Mich., U.S.A.            | 53  | 0   | 7  | 26                              | 17   | 3 sc.  | Carl Williams, Port Burwell, Ont.   |
| 141544       | E. D. Kingsley                  | Vancouver.                               | 1919               | Fort William, Ont.                    | 200   | 0   | 14   | 1,029                           | 511  | 92 sc.   | Kingsley Navigation Co., Ltd., 313 Pacific Bldg., Vancouver, B.C.                     |
| 130226       | E. D. M. Purvis.                | Owen Sound.                              | 1918               | Gore Bay, Ont.                        | 71  | 0   | 8  | 87                              | 59   | 14 sc.   | John Purvis, Gore Bay, Ont.   |
| 103822       | E. E. Frost.                    | Cornwall.                                | 1885               | Buffalo, N.Y., U.S.A.                 | 38  | 0   | 11   | 5                               | 13   | 4 sc.  | Joseph J. Fallon, et al., J.O., Cornwall, Ont.  |
| 96705        | E. G. Lavergne.                 | Ottawa.                                  | 1889               | Ottawa, Ont.                          | 66  | 6   | 5  | 54                              | 49   | 22 sc.   | P. A. D. Morgan, Montreal, Que.   |
| 103445       | E. H. Bronson.                  | Ottawa.                                  | 1895               | Pembroke, Ont.                        | 140   | 7   | 7  | 273                             | 118  | 70 pa.   | The Upper Ottawa Improvement Co., Ltd., 191 Middle St., Ottawa, Ont.                  |
| 132963       | <i>E.L. Archevoque No.1</i>     | Montreal.                                | 1914               | Veclerches, Que.                      | 21  | 7   | 5  | 1                               | 1  | 4 sc.  | Faedele L. Archevoque, Montreal, Que.   |
| 137964       | <i>E.L. Archevoque No.2</i>     | Montreal.                                | 1914               | Montreal North, Que.                  | 20  | 0   | 5  | 1                               | 1  | 3 sc.  | Faedele L. Archevoque, Montreal, Que.   |
| 103055       | <i>E. L. Cormac</i>             | Arichat.                                 | 1910               | L'Ardoise, N.S.                       | 42  | 0   | 12   | 20                              | 19   | 5 sc.  | Alexander A. Boudrot, Petit de Grat, N.S.   |
| 134467       | <i>E. Mascener</i>              | Halifax.                                 | 1916               | Liscomb, N.S.                         | 46  | 2   | 13   | 23                              | 23   | 1 sc.  | Harry E. Boudrot and Harry W. David, J.O., Petit de Grat, N.S.                        |



SESSIONAL PAPER No. 22

| 100832 | E. Ross           | St. John, N.B.           | 1894 | 41.9  | 15.3 | 5.1  | 3.0   | 20    | 7 sec.      | St. John Drydock & Shipbuilding Co., Ltd., St. John, N.B.                     |
|--------|-------------------|--------------------------|------|-------|------|------|-------|-------|-------------|---|
| 110886 | Bagle             | Kenora, Ont.             | 1901 | 42.0  | 9.6  | 4.0  | 12    | 28    | 1 sec.      | Dominion Fish Co. Ltd., Winnipeg, Man.  |
| 115549 | Bagle             | Vancouver, B.C.          | 1901 | 48.5  | 14.5 | 6.0  | 35    | 24    | 1 sec.      | John F. Malbin, Vancouver, B.C.   |
| 149066 | New Westminster   | Vancouver, B.C.          | 1890 | 72.0  | 25.0 | 7.0  | 75    | 55    | 21 sec.     | The Victoria Transportation Co., Ltd., Victoria, B.C.                         |
| 178892 | Earl Ross         | Wallaheeburg, Ont.       | 1914 | 81.0  | 20.0 | 10.2 | 118   | 65    | 30 sec.     | Lauchlan, Ltd., Quebec, Que.  |
| 180239 | Earl Stids        | Port Stanley, Ont.       | 1912 | 78.6  | 16.0 | 6.9  | 50    | 31    | 13 1/2 sec. | Chairey, Ltd., Port Stanley, Ont.   |
| 131202 | Eastern Passage   | Liverpool, N.S.          | 1913 | 65.5  | 14.0 | 6.4  | 36    | 17    | 10 sec.     | Nova Scotia Consular Co., Ltd., Sydney, N.S.                                  |
| 134071 | Eastholm          | Vancouver, B.C.          | 1913 | 93.0  | 24.3 | 6.8  | 259   | 138   | 16 sec.     | Frank Waterhouse & Company of Canada, Ltd., Rogers Island, Vancouver, B.C.    |
| 122334 | Eau Claire        | Vancouver                | 1906 | 32.0  | 8.7  | 3.0  | 8     | 5     | 3 sec.      | Whalge, Vane & Paper Mills, Ltd., Merchants Bank Bldg., Vancouver, B.C.       |
| 137926 | Ebess             | Chatham, N.B.            | 1915 | 82.4  | 16.3 | 7.0  | 63    | 16    | 16 sec.     | Daniel J. Brockley, Newswistle, N.B.  |
| 126546 | Ebess             | Vancouver, B.C.          | 1908 | 38.4  | 5.3  | 2.9  | 4     | 3     | 1 sec.      | William F. Silver, Vancouver, B.C.  |
| 131090 | Echo II           | Vancouver, B.C.          | 1914 | 43.5  | 11.5 | 5.0  | 21    | 14    | 2 sec.      | Arthur C. Little, Port Moody, B.C.  |
| 138221 | Edamuna           | Greenwich, Conn., U.S.A. | 1910 | 75.3  | 14.0 | 9.7  | 54    | 37    | 8 sec.      | Fredrick W. Morsion, 906 Notre Dame St. E., Montreal, Que.                    |
| 103838 | Edith             | Chatham, N.B.            | 1897 | 56.9  | 12.3 | 5.9  | 22    | 15    | 12 sec.     | Thomas Charleson, Ottawa, Ont.  |
| 122511 | Edith             | Vancouver, B.C.          | 1907 | 56.0  | 14.6 | 6.8  | 47    | 32    | 13 sec.     | Beaver Cove Lumber & Pulp Co., Ltd., 312/510 Hastings St. W., Vancouver, B.C. |
| 103901 | Edith             | Victoria, B.C.           | 1897 | 67.0  | 14.0 | 5.5  | 42    | 26    | 9 sec.      | The B. C. Caning Co., Ltd., London, Eng.                                      |
| 21908  | Edith C           | Clark's Harbour, N.S.    | 1906 | 39.0  | 13.4 | 6.3  | 16    | 15    | 1 sec.      | Eugene Wilcox, Grand Manan, N.B.  |
| 134611 | Edith H           | Allandale, N.S.          | 1915 | 75.0  | 21.8 | 7.3  | 85    | 58    | 18 sec.     | Alfred G. Hoffer and John H. Kelly, Halifax, N.S.                             |
| 138259 | Edith A. Campbell | Lunenburg, N.S.          | 1916 | 112.0 | 26.3 | 10.4 | 130   | 78    | 4 sec.      | William C. Smith, et al., Lunenburg, N.S.                                     |
| 122856 | Edmonton          | Helmburn-ont., G.B.      | 1906 | 249.2 | 42.7 | 20.6 | 1,983 | 1,341 | 106 sec.    | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.               |
| 134601 | Edna C            | Winnipeg, Man.           | 1913 | 48.5  | 10.0 | 5.0  | 15    | 15    | 2 sec.      | George Moore, M.O., St. James, Man.   |
| 117859 | Edna Grace        | Victoria, B.C.           | 1903 | 58.0  | 14.5 | 6.7  | 42    | 22    | 8 sec.      | Wm. E. Gardner, Victoria, B.C.  |
| 107135 | Edna Lyvan        | Goderich, Ont.           | 1909 | 79.2  | 16.0 | 7.2  | 54    | 36    | 21 sec.     | Wm. J. Keen and Jos. Millman, J.O., Mel drum Bay, Ont.                        |
| 16873  | Edna K            | St. Catharines           | 1903 | 48.0  | 12.3 | 4.5  | 22    | 15    | 2 sec.      | The Bayfield Fisheries, Ltd., Port Stanley, Ont.                              |
| 100821 | Edna R            | Yarmouth, N.S.           | 1892 | 67.0  | 15.6 | 5.6  | 50    | 24    | 40 sec.     | The Mad Island Lobster Co., Ltd., Yarmouth, N.S.                              |
| 124249 | Edna W            | Vancouver, B.C.          | 1903 | 40.0  | 9.1  | 4.9  | 15    | 10    | 3 sec.      | Packer's Steamship Co., Ltd., Vancouver, B.C.                                 |
| 134230 | Edouard G         | Montreal                 | 1914 | 69.0  | 16.0 | 7.5  | 71    | 32    | 24 sec.     | Gulf Pulp and Paper Co., Clark City, Que.                                     |
| 126923 | Edward Alfred     | Quebec                   | 1910 | 85.5  | 21.0 | 7.5  | 139   | 51    | 32 sec.     | La Compagnie Générale du Port de Chicoutimi, Chicoutimi, Que.                 |
| 85426  | Edward Blake      | St. Catharines           | 1884 | 48.7  | 12.2 | 4.9  | 22    | 15    | 12 sec.     | William Birmingham, Ottawa, Ont.  |
| 134013 | Edward C. Whalen  | Port Arthur, Ont.        | 1913 | 76.0  | 19.1 | 10.0 | 113   | 77    | 35 sec.     | The Great Lakes Dredging & Contracting Co., Ltd., Ottawa, Ont.                |
| 131182 | Ed. Conroy        | Peterborough             | 1913 | 36.4  | 9.8  | 4.4  | 11    | 7     | 1 sec.      | Edward Conroy, Peterborough, Ont.   |
| 116389 | Edward Fisk       | Port Arthur              | 1883 | 70.0  | 16.0 | 9.0  | 73    | 50    | 28 sec.     | The Great Lakes Dredging & Contracting Co., Ltd., Ottawa, Ont.                |
| 130293 | Edward Long       | Ottawa                   | 1905 | 42.0  | 7.0  | 2.3  | 9     | 6     | 1/2 sec.    | John A. Long, Ottawa, Ont.  |
| 131552 | Edward S          | Port Burwell             | 1914 | 62.6  | 16.4 | 7.4  | 52    | 36    | 13 sec.     | Edwin Smale, M.O., Malahide, Ont.   |
| 76556  | Edward Pyke       | Quebec                   | 1880 | 100.0 | 21.5 | 7.9  | 124   | 44    | 70 sec.     | Price Bros. & Co., Ltd., Union Bank Bldg., Quebec, Que.                       |
| 138021 | Edwin Price       | Stimcoo, Ont.            | 1912 | 31.0  | 9.5  | 3.0  | 14    | 9     | 70 sec.     | Sheelin Clarke Company, Limited, Fort Frances, Ont.                           |
| 141781 | Eena              | Esquimalt, B.C.          | 1920 | 88.9  | 26.7 | 5.9  | 116   | 79    | 6 sec.      | Minister of Public Works for British Columbia, Victoria, B.C.                 |
| 134124 | Egret Plume       | New Westminster          | 1913 | 59.0  | 11.3 | 4.7  | 23    | 16    | 15 sec.     | The Minister of Marine and Fisheries, Ottawa, Ont.                            |
| 141827 | Elaine No. 2      | Vancouver, B.C.          | 1920 | 30.8  | 8.8  | 3.6  | 9     | 6     | 1 sec.      | Kohleli Yamamoto, Vancouver, B.C.   |
| 103213 | Elaine            | Ottawa                   | 1893 | 41.8  | 9.8  | 3.2  | 11    | 9     | 15 sec.     | Mrs. Stella Ann Kelly, Montreal, Que.   |
| 121730 | Elieon G          | Vancouver, B.C.          | 1901 | 23.1  | 9.0  | 4.4  | 8     | 7     | 1 sec.      | Consolidated Optical Co., Ltd., Toronto, Ont.                                 |
| 126423 | Elieon G          | Vancouver, B.C.          | 1908 | 25.0  | 7.5  | 3.3  | 6     | 4     | 1 sec.      | Thomas Halliday, Vancouver, B.C.  |
| 134448 | Elieon T          | Toronto, Ont.            | 1913 | 32.0  | 8.8  | 4.2  | 12    | 8     | 1 sec.      | Roger Miller & Sons, Ltd., Toronto, Ont.                                      |
| 138464 | El Cielo          | Sault Ste. Marie         | 1919 | 46.0  | 12.3 | 4.4  | 21    | 14    | 1 sec.      | Alexander Purvis, Gore Bay, Ont.  |
| 111156 | Elaine            | St. John, N.B.           | 1888 | 112.7 | 23.8 | 7.8  | 272   | 150   | 31 sec.     | The "Elaine" Steamship Co., Ltd., 22 Holles St., Halifax, N.S.                |
| 126084 | Elaoile           | Vancouver, B.C.          | 1908 | 31.7  | 8.3  | 4.0  | 10    | 7     | 1 sec.      | William H. R. Collister, Vancouver, B.C.                                      |
| 130707 | Eloco             | Vancouver, B.C.          | 1911 | 84.8  | 16.5 | 5.9  | 55    | 30    | 20 sec.     | The Edgewood Lumber Co. Ltd., Castlegar, B.C.                                 |
| 122445 | Eldred            | St. John, N.B.           | 1907 | 51.4  | 12.6 | 5.4  | 25    | 17    | 13 sec.     | The Lancaster Tug Boat Co., Ltd., 8 Champlain St. W., St. John, N.B.          |
| 126556 | Elonor Mc         | Victoria, B.C.           | 1911 | 37.0  | 10.6 | 6.6  | 15    | 10    | 1/2 sec.    | John MacGregor, V.C., Princes Rupert, B.C.                                    |
| 134563 | Elonor No. II     | New Westminster          | 1911 | 36.0  | 9.0  | 4.0  | 13    | 9     | 1/2 sec.    | Alfred Nelson, Whomock, B.C.  |

Foreign name "Millie K II."

Formerly a sailing vessel.

Foreign name "Alert."

ALPHABETICAL LIST of Vessels Steam on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—Abréviations: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Paddle—à aubes; Sc., Screw—à hélice. © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in Italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No., N <sup>o</sup> officiel. | Name of Ship, Nom du navire. | Port of Registry, Port d'enregistrement. | Built, Construit en. | Where Built, Lieu de construction. | Length in feet and 10ths, Longueur en pieds et 10 <sup>es</sup> . | Breadth in feet and 10ths, Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths, Profondeur en pieds et 10 <sup>es</sup> . | Gross Tonnage, Tonnage brut. | Registered Tonnage, Tonnage enregistré. | H.P. of Engines and Mode of Propulsion, Puissance des machines en c.v. et mode de propulsion. | Owner or Managing Owner, and Address, Armateur ou propriétaire gérant, et adresse. |
|--|------------------------------|--|----------------------|------------------------------------|---|---|--|------------------------------|---|---|--|
| 138151                                 | <i>Eleanor W.</i>            | Vancouver                                | 1910                 | North Vancouver, B.C.              | 35 0  | 8 6   | 3 4  | 13                           | 6                                       | 1 sc.   | John J. Woods, North Vancouver, B.C.   |
| 121712                                 | <i>Electra.</i>              | Vancouver                                | 1905                 | Vancouver, B.C.                    | 30 6  | 7 4   | 3 5  | 12                           | 4                                       | 1 sc.   | Edwin H. Gough, et al., Nanaimo, B.C.  |
| 106877                                 | Electric.                    | St. John, N.B.                           | 1889                 | St. John, N.B.                     | 33 0  | 6 8   | 3 0  | 3                            | 2                                       | 2 sc.   | Frank B. Carvell, Woodstock, N.B.  |
| 92449                                  | Electric.                    | Toronto                                  | 1887                 | Toronto, Ont.                      | 49 9  | 12 1  | 7 2  | 46                           | 26                                      | 1 sc.   | The Gridley Boat Co., Ltd., Penetanguishene, Ont.                                  |
| 131220                                 | Electric.                    | Sydney, N.S.                             | 1913                 | Portland, Me., U.S.A.              | 102 6   | 25 2  | 9 6  | 27 1/2                       | 180                                     | 40 1/2 sc.  | Cape Breton Electric Co., Ltd., Sydney, N.S.                                       |
| 134153                                 | <i>Eleen.</i>                | St. John, N.B.                           | 1911                 | St. John, N.B.                     | 27 9  | 5 2   | 3 0  | 7                            | 6                                       | 1 sc.   | The Maritime Dredging & Construction Co., Ltd., St. John, N.B.                     |
| 121957                                 | Elgin L.                     | Port Stanley                             | 1908                 | Collingwood, Ont.                  | 75 0  | 16 0  | 8 2  | 66                           | 45                                      | 20 sc.  | Clare Thorn, M.O., Port Stanley, Ont.  |
| 116752                                 | Elgin L. Lewis               | Toronto                                  | 1904                 | Orrilla, Ont.                      | 70 0  | 12 3  | 5 0  | 50                           | 30                                      | 6 sc.   | The Lake Nipissing Shipping & Transportation Co., Ltd., Toronto, Ont.              |
| 131028                                 | <i>Elgonar.</i>              | Vancouver                                | 1912                 | Vancouver, B.C.                    | 38 0  | 10 4  | 4 5  | 14                           | 9                                       | 1 sc.   | Tobias Sorenson, Port Alice, B.C.  |
| 134166                                 | <i>Elmor S.</i>              | Yarmouth                                 | 1917                 | Yarmouth, N.S.                     | 68 4  | 17 2  | 6 9  | 28                           | 37                                      | 2 sc.   | Thos. D. Crowell, Slag Harbour, N.S.   |
| 908580                                 | Elite.                       | Goderich                                 | 1894                 | Goderich, Ont.                     | 60 0  | 15 3  | 5 9  | 36                           | 24                                      | 6 sc.   | P. T. James Co., Ltd., 29 Church St., Toronto, Ont.                                |
| 116821                                 | <i>Eliza Gorcham.</i>        | Barrington Passage, Charlottetown        | 1904                 | Port Clyde, N.S.                   | 83 3  | 22 6  | 8 2  | 70                           | 77                                      | 14 sc.  | Charles A. Gorcham, M.O., Woods Harbour, N.S.                                      |
| 134209                                 | <i>Eliza T.</i>              | New Westminster                          | 1918                 | Port Elgin, N.B.                   | 42 0  | 11 2  | 4 2  | 16                           | 14                                      | 1 sc.   | Maud Tremblay, Port Elgin, N.B.  |
| 107843                                 | Elle.                        | Chatham, Ont.                            | 1919                 | Steveston, B.C.                    | 36 9  | 9 7   | 3 0  | 8                            | 5                                       | 1 sc.   | Winey Canning Co., Ltd., Sidney, B.C.  |
| 111492                                 | Elle.                        | Quebec                                   | 1898                 | St. Williams, Ont.                 | 49 2  | 12 0  | 4 5  | 15                           | 10                                      | 12 sc.  | F. A. Dease and F. H. Peersall, Port Rowan, Ont.                                   |
| 121954                                 | Elle C.                      | Port Stanley                             | 1900                 | Quebec, Que.                       | 22 2  | 5 1   | 2 5  | 2                            | 2                                       | 2 sc.   | Barre A. Guay, Châteaufort, Que.   |
| 134530                                 | <i>Elle Devoeur.</i>         | Sydney, N.S.                             | 1906                 | Dresden, Ont.                      | 37 0  | 9 1   | 3 9  | 9                            | 5                                       | 2 sc.   | The Minister of Public Works for the Province of Ontario, Toronto, Ont.            |
| 130568                                 | <i>Elle M. Young.</i>        | Lancburg                                 | 1917                 | Fiddle Bras d'Or, N.S.             | 36 5  | 12 0  | 6 4  | 14                           | 14                                      | 1 sc.   | Marcel MacDonald, Sydney, N.S.   |
| 129835                                 | Ellen Mary                   | Toronto                                  | 1910                 | Tanook, N.S.                       | 44 2  | 11 5  | 6 0  | 15                           | 14                                      | 2 sc.   | Norman Cheney, West Dover, N.S.  |
| 130255                                 | Ellen V.                     | St. Catharines                           | 1919                 | Toronto, Ont.                      | 66 0  | 11 7  | 6 1  | 42                           | 25                                      | 4 sc.   | Charles J. Carson, Toronto, Ont.   |
| 133843                                 | Ellison                      | Vancouver                                | 1913                 | Stranress, Ont.                    | 59 5  | 14 9  | 7 5  | 42                           | 38                                      | 4 sc.   | John Mossip, Port Matland, Ont., and George Gorrell, Stromness, Ont., J.O.         |
| 121989                                 | Ellwood                      | Victoria                                 | 1913                 | Vancouver, B.C.                    | 56 5  | 14 8  | 6 0  | 49                           | 23                                      | 13 sc.  | Nipic, British Timber Co., Ltd., 510 Hastings St. W., Vancouver, B.C.              |
| 130450                                 | <i>Elmar S.</i>              | Vancouver                                | 1907                 | Victoria, B.C.                     | 25 6  | 8 0   | 3 0  | 7                            | 5                                       | 1 sc.   | Albert O. Huscoe, Victoria, B.C.   |
| 116353                                 | Elmore T. Bonney             | Port Medway                              | 1911                 | Vancouver, B.C.                    | 25 0  | 9 0   | 4 2  | 5                            | 3                                       | 1 sc.   | Leopoldo A. Genge, Vancouver, B.C.   |
| 107690                                 | Eloise                       | Prescott                                 | 1914                 | Lanenburg, N.S.                    | 46 2  | 12 9  | 7 3  | 21                           | 19                                      | 1 sc.   | William McMillan, Lockport, N.S.   |
| 126559                                 | <i>Elvassena.</i>            | Vancouver                                | 1881                 | Athens, N.Y., U.S.A.               | 67 6  | 14 5  | 5 6  | 41                           | 28                                      | 4 sc.   | Walter W. McGowan, Morrisburg, Ont.  |
| 422505                                 | <i>Elva-May.</i>             | Vancouver                                | 1909                 | Vancouver, B.C.                    | 31 6  | 8 1   | 4 4  | 8                            | 6                                       | 2 sc.   | Warren F. Dineley, Vancouver, B.C.   |
|  |                              |  | 1907                 | Vancouver, B.C.                    | 32 0  | 10 6  | 4 5  | 12                           | 8                                       | 2 sc.   | George F. Gyles, Vancouver B.C.  |

SESSIONAL PAPER No. 22

| No.    | Name               | Company                | Tonnage | Length | Breadth | Speed | Engines | Remarks  |
|--------|--------------------|------------------------|---------|--------|---------|-------|---------|--|
| 92689  | Elsie              | Pictou, N.S.           | 56 1    | 10 3   | 5 6     | 22    | 15      | 12 sc., Nova Scotia Lumber Co., Ltd., Sherbrooke, N.S.   |
| 122071 | Elsie              | Trenton, Ont.          | 69 0    | 16 3   | 5 4     | 48    | 30      | 10 sc., Clark, Ltd., Toronto, Ont.   |
| 117012 | Elsie              | Vancouver, B.C.        | 50 2    | 12 0   | 4 8     | 33    | 22      | 1 sc., J. W. Jamieson, Vancouver, B.C.   |
| 100802 | Elsie Bradford     | Victoria, B.C.         | 47 5    | 13 8   | 6 8     | 23    | 10      | 1 sc., Alfred Bradford, Victoria, B.C., and William Robinson, Vancouver, B.C.                                |
| 130690 | Elsie C.           | Tanook, N.S.           | 40 2    | 9 8    | 5 0     | 11    | 10      | 1/2 sc., William Cross, Tanook, N.S.   |
| 122550 | Elsie M.           | Collingwood, Ont.      | 63 5    | 12 7   | 6 6     | 38    | 15      | 8 sc., Donald McInnes, Meaford, Ont.   |
| 134265 | Elsie Mac          | Midland, Ont.          | 51 5    | 15 0   | 7 0     | 55    | 14      | 16 sc., The French River Boom Co., Ltd., Toronto, Ont.   |
| 134591 | Elsie McDonald     | Cross Point, Que.      | 56 4    | 22 1   | 4 0     | 54    | 33      | 5 pa., John Quinn, Campbellton, N.B.   |
| 131079 | Elsie S.           | Tanook, N.S.           | 40 0    | 10 0   | 5 2     | 11    | 10      | 1/2 sc., Obed Countaway and Sidney Corkum, Chester Basin, N.S.   |
| 131149 | Elsie J.           | Vancouver, B.C.        | 30 8    | 8 0    | 3 5     | 6     | 4       | 1 sc., John Taylor, Vancouver, B.C.  |
| 141304 | Elsie M. Y.        | Vancouver, B.C.        | 33 5    | 14 1   | 7 3     | 37    | 15      | 3/4 sc., Yasuchi Sakai, Vancouver, B.C.  |
| 134059 | Elsie M.           | Tanook, N.S.           | 41 4    | 10 2   | 5 3     | 12    | 11      | 3/4 sc., Joseph Smith, Samba, N.S.   |
| 126433 | Embarras           | Port Hawkesbury, N.S.  | 31 5    | 10 0   | 4 4     | 9     | 6       | 1 sc., The Minister of Lands for the Province of British Columbia, Victoria, B.C.                            |
| 103749 | Emerald            | Digby, N.S.            | 58 0    | 17 3   | 6 5     | 34    | 33      | 1/2 sc., Willard H. Anderson, Parkers Cove, N.S.   |
| 131030 | Emilia             | Sorel, Que.            | 79 1    | 17 0   | 8 2     | 89    | 30      | 25 sc., The Minister of Marine and Fisheries, Ottawa, Ont.   |
| 138486 | Emilia G.          | Port Guelph, B.C.      | 41 0    | 11 2   | 3 8     | 15    | 10      | 1 sc., V. Martindale, M.O., Port Guelph, B.C.  |
| 121817 | Emily R.           | Meteghan River, N.S.   | 55 1    | 16 1   | 6 6     | 30    | 29      | 1 sc., Everett B. Nickerson, et al., Port Clyde, N.S.  |
| 134438 | Emily Stewart      | Toronto, Ont.          | 71 0    | 19 6   | 8 3     | 104   | 48      | 10 sc., Miller Lash and Glynis Osler, J.O., Toronto, Ont.  |
| 130839 | Emma E.            | Winnipeg, Man.         | 41 0    | 10 0   | 4 0     | 19    | 13      | 2 sc., Albert L. Mattes, Winnipeg, Man.  |
| 130294 | Emma H.            | Collingwood, Ont.      | 39 0    | 12 0   | 3 3     | 24    | 15      | 2 pa., Gilmore & Hughson, Ltd., Ottawa, Ont.   |
| 121992 | Emma G.            | Collonge River, Que.   | 39 0    | 12 0   | 3 3     | 24    | 15      | 2 pa., Delancey & Hughson, Ltd., Ottawa, Ont.  |
| 121992 | Emma G.            | Malbone Bay, N.S.      | 73 0    | 22 7   | 8 3     | 71    | 48      | 4 sc., Delancey & Hughson, Ltd., 708/602 Hastings St. W., Vancouver, B.C.                                    |
| 116543 | Emma J.            | Farran's Point, Ont.   | 68 4    | 14 8   | 7 8     | 56    | 22      | 40 sc., The Smeacens McNaughton Line, Ltd., Montreal, Que.   |
| 130296 | Emma Mac           | Kippewa, Que.          | 78 8    | 18 0   | 5 6     | 57    | 36      | 24 sc., John Lumsden, Ottawa, Ont.   |
| 121909 | Emmie G.           | Clarks Harbour, N.S.   | 33 0    | 11 0   | 6 5     | 11    | 10      | 1/2 sc., Arthur D. Cann, Louisburg, N.S.   |
| 130845 | Enoch              | Louisburg, N.S.        | 44 0    | 11 0   | 4 8     | 17    | 12      | 2 sc., Henry O. Bell-Irving, Vancouver, B.C.   |
| 126654 | Emperor            | Collingwood, Ont.      | 525 0   | 56 1   | 27 0    | 7,031 | 4,641   | 199 sc., Canada Steamship Lines, Limited, 9 Victoria Square, Montreal, Que.                                  |
| 134631 | Empire Canopy      | Vancouver, B.C.        | 55 0    | 14 2   | 6 2     | 34    | 23      | 4 sc., Charles F. Todd, Victoria, B.C.   |
| 116309 | Empress            | Charlottetown, P.E.I.  | 235 0   | 34 2   | 20 0    | 1,342 | 612     | 365 sc., Canadian Pacific Railway Company, Montreal, Que.  |
| 730856 | Empress            | Ottawa, Ont.           | 185 3   | 27 6   | 8 1     | 678   | 372     | 152 pa., W. H. Dwyer, Ltd., 49 Metcalfe St., Ottawa, Ont.  |
| 100422 | Empress            | Montreal, Que.         | 63 0    | 14 3   | 5 6     | 36    | 28      | 40 sc., The French River & Nipissing Nav. Co., Ltd., Sturgeon Falls, Ont.                                    |
| 107815 | Empress            | Sturgeon Falls, Ont.   | 33 0    | 15 8   | 5 4     | 64    | 57      | — sc., Trent Valley Navigation Co., Bobcaygeon, Ont.   |
| 107448 | Empress            | Lakefield, Ont.        | 33 0    | 15 8   | 5 4     | 64    | 57      | — sc., Trent Valley Navigation Co., Bobcaygeon, Ont.   |
| 135226 | Empress of Asia    | Hong-Kong              | 27 6    | 7 6    | 3 6     | 7     | 5       | 2 1/2 sc., P. O. Marshall, Vancouver, B.C.   |
| 48911  | Empress of Russia  | Govan, G.B.            | 570 1   | 68 2   | 16,909  | 8,883 | 22,500  | 2,000 sc., Canadian Pacific Railway Company, Montreal, Que.  |
| 135197 | Empress of Russia  | Govan, G.B.            | 570 2   | 68 2   | 16,810  | 8,789 | 22,500  | 2,000 sc., Canadian Pacific Railway Company, Montreal, Que.  |
| 133925 | Ena A.             | Lanark, N.B.           | 35 0    | 10 4   | 4 8     | 13    | 11      | 1 sc., Andre Achle, Lameck, N.B.   |
| 122325 | Ena A.             | Port Medway, N.S.      | 33 5    | 12 0   | 6 0     | 17    | 12      | 1 sc., Walter S. Leaman, Port Medway, N.S.   |
| 122010 | Ena T.             | Lanark, N.S.           | 42 9    | 12 0   | 6 6     | 17    | 16      | 1 sc., Angus Folymate, Whitehaven, N.S.  |
| 126949 | Enata              | Ballard, Wash., U.S.A. | 35 4    | 8 8    | 3 2     | 12    | 7       | 1/2 sc., William H. Thomas, Victoria, B.C.   |
| 126326 | English Bay Reamer | Vancouver, B.C.        | 49 4    | 10 8   | 4 6     | 18    | 12      | 2 sc., William Simpson, Vancouver, B.C.  |
| 126432 | Enilda             | Vancouver, B.C.        | 64 0    | 16 0   | 7 8     | 37    | 39      | 3 sc., Harbour Navigation Co., Ltd., 423 Hamilton St., Vancouver, B.C.                                       |
| 138808 | Enola              | Ballard, Wash., U.S.A. | 43 4    | 13 2   | 6 2     | 26    | 18      | 8 sc., Whalen Pulp and Paper Mills, Ltd., Merchants Bank Bldg., Western Steamship Co., Ltd., Riverport, N.S. |
| 124460 | Enterprise         | Shelburne, N.S.        | 108 0   | 25 0   | 8 6     | 211   | 98      | 42 sc., Western Steamship Co., Ltd., Riverport, N.S.   |
| 116271 | Enterprise         | Halifax                | 58 2    | 12 3   | 6 6     | 24    | 14      | 27 sc., Frank Roberts, Liverpool, Eng.   |

Formerly "Selma," and a sailing vessel. Formerly a sailing vessel. Formerly "D. S. Walker." Formerly "Peerless." Turbines.

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—*A.O.*, Joint Owners—propriétaires conjoints; *M.O.*, Managing owner—propriétaire gérant; *Pa.*, Paddle—à aubes; *Sc.*, Screw—à hélice.  
 © Equipped with Wireless—Muni de la T.S.F.—Noms de Motor Vessels in Italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths. | Breadth in feet and 10ths. | Depth in feet and 10ths. | Gross Tonnage. | Registered Tonnage. | H.P. of Engines and Mode of Propulsion. | Owner or Managing Owner, and Address.  |
|--------------|---------------------------------|---|------------------------|---------------------------------------|---------------------------|----------------------------|--------------------------|----------------|---------------------|---|--|
| 130801       | <i>Epaline</i> .....            | Vancouver.....                              | 1911                   | Vancouver, B.C.....                   | 68 0                      | 17 0                       | 8 0                      | 57             | 44                  | 2 1/2 sc.                               | Frank L. Buckley, Point Grey, B.C.   |
| 138075       | <i>Epithé</i> L.....            | Ottawa.....                                 | 1917                   | Toronto, Ont.....                     | 43 2                      | 11 5                       | 5 4                      | 15             | 9                   | 5 sc.                                   | The Minister of Customs, Ottawa, Ont.  |
| 168827       | <i>Epope</i> .....              | Paspheiac.....                              | 1910                   | Paspheiac, Que.....                   | 30 0                      | 8 0                        | 2 9                      | 7              | 4                   | 1 sc.                                   | Robin, Jones & Whitman, Ltd., Halifax, N.S.                                  |
| 126117       | <i>Equid Rights</i> .....       | Toronto.....                                | 1909                   | Barkendale, Ont.....                  | 42 3                      | 11 2                       | 4 0                      | 14             | 6                   | 1 sc.                                   | Frederick W. Kemp, Franklin, Ont.  |
| 116691       | <i>Era</i> .....                | Kenora.....                                 | 1900                   | Resolution, N.W.T.....                | 55 0                      | 11 5                       | 5 0                      | 50             | 28                  | 6 sc.                                   | Jas. Hislop, Fort Rice, N.W.T., and Edmund Nagle, Resolution, N.W.T., J.O.   |
| 116831       | <i>Eric</i> .....               | Kingston.....                               | 1902                   | Kingston, Ont.....                    | 30 3                      | 6 1                        | 2 5                      | 3              | 2                   | 1/2 sc.                                 | P. F. Miller, Napace, Ont.   |
| 134380       | <i>Eric R.</i> .....            | Montreal.....                               | 1911                   | Three Rivers, Que.....                | 61 7                      | 15 1                       | 5 5                      | 47             | 22                  | 6 sc.                                   | Pedette Towing Company, Three Rivers, Que.                                   |
| 116815       | <i>Eric W.</i> .....            | Montreal.....                               | 1882                   | Cleveland, O., U.S.A.....             | 224 7                     | 35 4                       | 17 1                     | 1,583          | 810                 | 99 sc.                                  | Steamer "Eric W." Ltd., 83 Dalhousie St., Quebec, Que.                       |
| 123048       | <i>Eric</i> .....               | St. Catharines.....                         | 1902                   | St. Joseph, Mich., U.S.A.....         | 18 1                      | 4 6                        | 3 7                      | 2              | 2                   | 2 sc.                                   | Mrs. Edna R. Price, St. Catharines, Ont.                                     |
| 117194       | <i>Erin</i> .....               | Kenora.....                                 | 1905                   | Fort Frances, Ont.....                | 32 0                      | 8 0                        | 3 3                      | 14             | 9                   | 1 sc.                                   | Geo. W. Browlake, Raimy River, Ont.  |
| 121761       | <i>Erin</i> .....               | Vancouver.....                              | 1889                   | Port Blakely, U.S.A.....              | 33 0                      | 20 0                       | 10 7                     | 135            | 92                  | 32 sc.                                  | The Pacific Construction Co., Ltd., 510 Haslings St. W., Vancouver, B.C.     |
| 120270       | <i>Eril King</i> .....          | Toronto.....                                | 1909                   | Toronto, Ont.....                     | 52 0                      | 14 5                       | 8 0                      | 46             | 25                  | 6 sc.                                   | John E. Russell, Toronto, Ont.   |
| 138481       | <i>Ernis</i> .....              | New Westminster.....                        | 1914                   | New Westminster, B.C.....             | 25 0                      | 7 6                        | 2 6                      | 4              | 3                   | 1/2 sc.                                 | Louis Scolari, New Westminster, B.C.   |
| 111434       | <i>Ernpland</i> .....           | Halifax.....                                | 1902                   | Shelburne, N.S.....                   | 57 0                      | 17 4                       | 7 6                      | 36             | 34                  | 1 sc.                                   | Oswald F. MacKenzie, Halifax, N.S.   |
| 126953       | <i>Ernani</i> .....             | Victoria.....                               | 1908                   | Seattle, Wash., U.S.A.....            | 15 2                      | 12 3                       | 5 4                      | 18             | 11                  | 4 sc.                                   | John Musgrave, Victoria, B.C.  |
| 122567       | <i>Ernee</i> .....              | Peterboro.....                              | .....                  | Unknown.....                          | 31 6                      | 8 0                        | 4 6                      | 9              | 6                   | 2 sc.                                   | John A. Aylmer, Peterboro, Ont., and Frederick D. Brown, Toronto, Ont., J.O. |
| 130898       | <i>Erund Roy</i> .....          | Victoria.....                               | 1902                   | Banfers Ferry, U.S.A.....             | 43 8                      | 9 0                        | 3 7                      | 12             | 8                   | 2 sc.                                   | Walter Wm. West, Nelson, B.C.  |
| 121829       | <i>Erro</i> .....               | Montreal.....                               | 1906                   | St. Henry, Que.....                   | 32 5                      | 8 3                        | 5 8                      | 7              | 5                   | 1 sc.                                   | George and Eugene Jeffrey, J.O., Quebec, Que.                                |
| 130151       | <i>Erroc</i> .....              | New Westminster.....                        | 1908                   | Harrison River, B.C.....              | 20 2                      | 5 2                        | 2 3                      | 2              | 1                   | 3/4 sc.                                 | Aetion Kilby, Harrison River, B.C.   |
| 141704       | <i>Erskine</i> .....            | Vancouver.....                              | 1919                   | Vancouver, B.C.....                   | 30 7                      | 9 5                        | 3 4                      | 9              | 12                  | 1 sc.                                   | Carl G. Miller, Vancouver, B.C.  |
| 138825       | <i>Erskine B.</i> .....         | Lanenburg.....                              | 1918                   | Tancook, N.S.....                     | 43 2                      | 10 6                       | 5 6                      | 13             | 12                  | 1 sc.                                   | George Hessler, Alberton, P.E.I.   |
| 97010        | <i>Escort</i> .....             | St. Catharines.....                         | 1894                   | Port Colborne, Ont.....               | 34 8                      | 15 5                       | 9 7                      | 40             | 27                  | 14 sc.                                  | Montreal Transportation Co., Ltd., 14 Place Royale, Montreal, Que.           |
| 126000       | <i>Escoumains</i> .....         | Quebec.....                                 | 1907                   | Les Escoumains, Que.....              | 76 0                      | 16 0                       | 6 0                      | 74             | 42                  | 17 sc.                                  | Alfred Moffatt, Les Escoumains, Que.   |
| 111762       | <i>Esclud</i> .....             | New Westminster.....                        | 1883                   | Gloucester, Mass., U.S.A.....         | 77 8                      | 22 6                       | 8 8                      | 114            | 48                  | 23 sc.                                  | Vancouver Machinery Depot, Ltd., 1155 Sixth St. W., Vancouver, B.C.          |
| 112176       | <i>Espanola</i> .....           | Toronto.....                                | 1897                   | Toronto, Ont.....                     | 36 0                      | 9 0                        | 3 5                      | 7              | 5                   | 1 sc.                                   | Spanish River Paper and Pulp Co., Ltd., Toronto, Ont.                        |
| 141335       | <i>Espresso</i> .....           | New Westminster.....                        | 1919                   | Port Guelchon, B.C.....               | 36 0                      | 9 5                        | 4 6                      | 9              | 6                   | 2 sc.                                   | Vannazio Martinovich, M.O., Port Guelchon, B.C.                              |
| 126335       | <i>Esprit</i> .....             | Vancouver.....                              | 1909                   | Vancouver, B.C.....                   | 30 8                      | 8 3                        | 4 3                      | 8              | 6                   | 4 sc.                                   | William R. Shano, et al., J.O., Vancouver, B.C.                              |
| 112066       | <i>Estelle</i> .....            | Peterborough.....                           | 1887                   | New York, N.Y., U.S.A.....            | 31 0                      | 7 0                        | 3 5                      | 8              | 6                   | 8 sc.                                   | Charles H. Grylls, Lakefield, Ont.   |
| 131136       | <i>Estevan</i> ©.....           | Ottawa.....                                 | 1912                   | Collingwood, Ont.....                 | 212 0                     | 38 0                       | 15 3                     | 1,161          | 607                 | 171 sc.                                 | The Minister of Marine and Fisheries, Ottawa, Ont.                           |



ALPHABETICAL LIST OF Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations: J.O., Joint Owners; Propriétaires conjoints; M.O., Managing owner; Propriétaires gérants; P.A., Paddle à aubes; S.C., Screw à hélice. ©E, equipped with Wireless. Muni de la T.S.F., Nomes de Motor Vessels in *italics*. Les noms des vapeurs à moteurs sont en *italiques*.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'inscription. | Built<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10 <sup>es</sup> . | Breadth in feet and 10ths.<br>Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths.<br>Profondeur en pieds et 10 <sup>es</sup> . | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en C.V. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|--|-----------------------|---------------------------------------|--|--|---|---------------------------------|--|--|---|
| 126522       | F. E. C.                        | Ottawa                                   | 1907                  | Sturgeon Falls, Ont.                  | 37 8   | 12 0   | 3 3   | 35                              | 18   | 2 04   | Fred E. Clark, Sturgeon Falls, Ont.   |
| 137089       | P. H. F.                        | Kingston                                 | 1919                  | Ivy Lea, Ont.                         | 49 0   | 9 4  | 5 1   | 20                              | 11   | 5 80   | Francis H. Fitzsimmons, Beaufort, Ont.  |
| 138163       | P. B. Wright                    | Sault Ste. Marie                         | 1919                  | Sault Ste. Marie, Ont.                | 40 0   | 11 0   | 4 5   | 16                              | 10   | 7 80   | D. A. Wright and P. B. Wright, J.O., Sault Ste. Marie, Ont.                           |
| 133668       | J. C. Trichay                   | Halifax                                  | 1910                  | Sambro, N.S.                          | 40 0   | 10 5   | 5 4   | 16                              | 10   | 7 80   | Andrew Trichay and P. B. Wright, J.O., Sambro, N.S.                                   |
| 130292       | P. H. Chapman                   | Prince Rupert                            | 1910                  | North Vancouver, B.C.                 | 54 4   | 20 3   | 6 0   | 26                              | 17   | 31 80  | Canadian Fish & Cold Storage Co., Ltd., Prince Rupert, B.C.                           |
| 131032       | F. P. Armstrong                 | Victoria                                 | 1913                  | Spillings-been, B.C.                  | 81 0   | 23 0   | 4 0   | 126                             | 79   | 1 04   | Edward F. Burns, Vancouver, B.C.  |
| 103639       | F. W. Avery                     | Ottawa                                   | 1885                  | Sincoe, Ont.                          | 37 0   | 16 0   | 3 6   | 11                              | 9  | 20 80  | F. W. Avery, Ottawa, Ont.   |
| 134262       | F. W. Grant                     | Midland                                  | 1914                  | Midland, Ont.                         | 75 3   | 18 0   | 9 3   | 119                             | 45   | 37 80  | Canadian Dressing Co., Ltd., Midland, Ont.  |
| 113782       | F. W. Roebling                  | Halifax                                  | 1890                  | Milford, Del., U.S.A.                 | 102 2  | 23 1   | 12 7  | 162                             | 78   | 40 80  | The F. W. Roebling Company, Ltd., 127 Lower Water St., Halifax, N.S.                  |
| 116593       | F. Dupré                        | Montreal                                 | 1904                  | Sorel, Que.                           | 73 6   | 29 1   | 9 9   | 111                             | 70   | 48 80  | The Minister of Railways and Canals, Ottawa, Ont.                                     |
| 126150       | F. Paul                         | Sorel                                    | 1909                  | Sorel, Que.                           | 54 1   | 12 8   | 6 7   | 18                              | 13   | 12 80  | Long Supply Co. Ltd., 137 McGill St., Montreal, Que.                                  |
| 138489       | Fairbanks                       | New Westminster                          | 1914                  | Tacoma, Wash., U.S.A.                 | 58 0   | 13 8   | 6 4   | 40                              | 31   | 4 80   | Georg Steamship Co., Ltd., 517 Granville St., Vancouver, B.C.                         |
| 80764        | Fairy                           | Sydney, N.S.                             | 1881                  | Quebec, Que.                          | 37 1   | 11 2   | 5 3   | 16                              | 9  | 8 80   | Geo. M. Fraser, Edinburgh, N.S.   |
| 100237       | Fairy Queen                     | Halifax                                  | 1894                  | Sambro, N.S.                          | 36 5   | 11 5   | 5 0   | 11                              | 11   | 3 80   | George H. Nickerson, Sambro, N.S.   |
| 100700       | Falmouth                        | St. John, N.B.                           | 1898                  | New Glasgow, N.S.                     | 54 2   | 15 1   | 7 3   | 43                              | 29   | 17 80  | Maritime Dressing & Constn. Co., Ltd., St. John, N.B.                                 |
| 133859       | Farnisoll                       | Vancouver                                | 1909                  | Burton, Wash., U.S.A.                 | 34 2   | 11 3   | 4 5   | 11                              | 7  | 2 80   | Haig Fisheries, Ltd., Gore Ave., Wharf, Vancouver, B.C.                               |
| 96943        | Fannie                          | St. John, N.B.                           | 1875                  | Philadelphia, Pa., U.S.A.             | 55 6   | 12 5   | 6 5   | 31                              | 23   | 8 80   | The Lancaester Tug Boat Co., Ltd., 8 Champlain St., St. John, N.B.                    |
| 144117       | Fannie F.                       | Vancouver                                | 1907                  | Bellingham, Wash., U.S.A.             | 31 9   | 11 0   | 5 3   | 14                              | 10   | 2 80   | Bus, Ball and John Cent. Weston, J. O., Prince Rupert, B.C.                           |
| 85222        | Fanny Arnold                    | Owen Sound                               | 1882                  | Owen Sound, Ont.                      | 89 0   | 18 0   | 9 0   | 73                              | 50   | 31 80  | Spanish River Co., Spanish River, Ont.  |
| 126205       | Farquhar                        | Vancouver                                | 1908                  | Vancouver, B.C.                       | 63 3   | 16 8   | 8 0   | 72                              | 49   | 16 80  | Kingcome Nav. Co., Ltd., Vancouver, B.C.  |
| 121711       | Farrall                         | Vancouver                                | 1907                  | Tacoma, Wash., U.S.A.                 | 27 5   | 7 1  | 2 7   | 8                               | 5  | 14 80  | The Tacoma Steel Company (Incorp.), Vancouver, B.C.                                   |
| 122197       | Faultless                       | New Westminster                          | 1907                  | New Westminster, B.C.                 | 102 0  | 21 0   | 10 5  | 145                             | 65   | 39 80  | Westminster Towing & Fish. Co., Ltd., New Westminster, B.C.                           |
| 116863       | Fay                             | Ottawa                                   | 1904                  | Ottawa, Ont.                          | 37 0   | 9 0  | 3 0   | 7                               | 6  | 6 80   | E. T. Edwards, <i>et al.</i> , Ottawa, Ont.   |
| 130494       | Fearful                         | New Westminster                          | 1912                  | Fraser Mills, B.C.                    | 73 4   | 18 0   | 7 8   | 80                              | 42   | 25 80  | Grant & MacDonald, Ltd., 515 Vancouver Bldg., Vancouver, B.C.                         |
| 107247       | Fearless                        | New Westminster                          | 1898                  | New Westminster, B.C.                 | 71 0   | 15 6   | 7 7   | 75                              | 13   | 13 80  | Joseph Mayers, New Westminster, B.C.  |
| 92422        | Fearless                        | Prescott                                 | 1886                  | Troquers, Ont.                        | 56 0   | 12 0   | 5 0   | 46                              | 10   | 20 80  | Mrs. Sarah M. Gorman, Troquers, Ont.  |
| 134012       | Fedora II                       | Sault Ste. Marie                         | 1915                  | Sault Ste. Marie, Ont.                | 43 5   | 11 0   | 4 8   | 19                              | 10   | 2 80   | William K. Sims, Sault Ste. Marie, Ont.   |
| 141805       | Fer-Ia                          | Vancouver                                | 1920                  | Vancouver, B.C.                       | 32 9   | 9 9  | 5 3   | 15                              | 10   | 21 80  | John A. Ferrier, Vancouver, B.C.  |
| 122221       | Ferthnam                        | Prescott                                 | 1905                  | St. Antoine, Que.                     | 87 0   | 17 6   | 5 4   | 76                              | 48   | 28 80  | The Prescott and Orléans Ferry Co., Ltd., Prescott, Ont.                              |
| 126343       | Ferrida                         | Vancouver                                | 1908                  | Vancouver, B.C.                       | 25 3   | 7 2  | 5 0   | 6                               | 4  | 1 80   | Knud Paulsen, Vancouver, B.C.   |
| 107501       | Fern                            | Quebec                                   | 1895                  | Quebec, Que.                          | 22 2   | 5 5  | 1 8   | 2                               | 1  | 1 80   | T. Magnan, Ste. Thecle, Que.  |

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| 149022 | Estabert              | Ottawa             | 1917             | Toronto, Ont.         | 130 0 | 23 5 | 13 5 | 320   | 204   | 59       | Other   |
|--------|-----------------------|--------------------|------------------|-----------------------|-------|------|------|-------|-------|----------|---|
| 107164 | Fida                  | Port Arthur        | 1897             | Collingswood, Ont.    | 24 0  | 6 4  | 2 4  | 9     | 6     | 1 se.    | The Minister of the Naval Service, Ottawa, Ont.                             |
| 103774 | Fidella               | Toronto            | 1897             | Kingston, Ont.        | 38 9  | 7 6  | 4 1  | 2     | 2     | 5 se.    | A. W. Blackford, Toronto, Ont.  |
| 133926 | Fiddis                | Chatham, N.B.      | 1913             | Leitek, N.B.          | 36 0  | 10 3 | 5 9  | 13    | 11    | 1 se.    | W. S. Loggie Co., Ltd., Chatham, N.B.                                       |
| 138394 | Fif                   | Lunenburg          | 1917             | Indian Harbour, N.S.  | 38 6  | 10 5 | 5 9  | 12    | 11    | 3 se.    | Harvey Covey, Indian Harbour, N.S.  |
| 141851 | Fignora               | Montreal           | 1907             | Aunos, Que.           | 29 0  | 32 0 | 10 0 | 7     | 5     | 1 se.    | Frank Blais, Aunos, Que.  |
| 130575 | Fifmore II            | Lunenburg          | 1907             | Lunenburg, N.S.       | 40 2  | 10 6 | 5 6  | 11    | 11    | 3 se.    | Albert Hinley, Pleasantville, N.S.  |
| 138079 | Felon                 | Ottawa             | 1918             | Hull, Que.            | 40 0  | 7 8  | 4 0  | 10    | 7     | 3 se.    | Frank St. Louis, Hull, Que.   |
| 103152 | Fenal                 | Vancouver          | 1885             | Vancouver, B.C.       | 85 0  | 19 1 | 6 5  | 91    | 69    | 3 se.    | Edward-Brown Co., Ltd., Vancouver, B.C.                                     |
| 141308 | Fer Leaf              | Vancouver          | 1919             | Vancouver, B.C.       | 61 3  | 15 0 | 7 1  | 48    | 19    | 1 se.    | H. Bell-Frying & Co., Ltd., 322 Richard St., Vancouver, B.C.                |
| 90724  | Ferr Queen            | Halifax            | 1886             | Chatham, N.B.         | 22 5  | 5 0  | 2 5  | 1     | 1     | 1 se.    | Wm. Marshall Black, Halifax, N.S.   |
| 130442 | Ferr Queen            | Vancouver          | 1918             | Unknown, N.B.         | 31 3  | 7 0  | 3 8  | 8     | 5     | 1 se.    | John W. Wardon, Vancouver, B.C.   |
| 140916 | Ferr Queen            | Vancouver          | 1918             | Land, B.C.            | 32 3  | 9 0  | 4 1  | 11    | 7     | 1 se.    | Gabriel Bruyve, Rocky Inlet, Ont.   |
| 138854 | Fisher (The)          | Port Arthur        | 1904             | Richibucto, Ont.      | 31 4  | 7 8  | 3 6  | 7     | 5     | 1 se.    | Andrew Loggie, Dalhousie, N.B.  |
| 126775 | Fisherman's Pride     | Richibucto         | 1909             | Richibucto, N.B.      | 29 0  | 11 0 | 4 6  | 11    | 11    | 5 se.    | Batterfield Mackie & Co., Ltd., Gore Ave., Vancouver, B.C.                  |
| 134111 | Fishman               | New Westminster    | 1909             | New Westminster, B.C. | 39 8  | 10 3 | 4 2  | 13    | 10    | 2 se.    | The Minister of Marine and Fisheries, Ottawa, Ont.                          |
| 132178 | Fispa                 | New Westminster    | 1909             | New Westminster, B.C. | 74 0  | 14 0 | 7 5  | 63    | 25    | 1 se.    | Alexander McLean, and A. S. Harriman, Loggieville, N.B.                     |
| 130670 | Five Weeks            | Richibucto         | 1916             | Richibucto, N.B.      | 35 9  | 11 0 | 5 0  | 12    | 11    | 1 se.    | The Canadian Fishing Co., Ltd., Vancouver, B.C.                             |
| 101527 | Flamingo              | Vancouver          | 1885             | Hull, G. B.           | 137 9 | 21 5 | 11 2 | 266   | 125   | 8 se.    | Wm. Beazley, Halifax, N.S.  |
| 107326 | Flash                 | Halifax            | 1898             | Charlottetown, P.E.I. | 38 0  | 8 4  | 3 8  | 8     | 5     | 1 se.    | Roy Waddell, Reeds Point, N.B.  |
| 116727 | Flida                 | St. John, N.B.     | 1905             | St. John, N.B.        | 35 8  | 7 4  | 3 7  | 9     | 7     | 3 se.    | Wm. McMaster, Amherst Is., Ont.   |
| 121961 | Flidung               | Kingston           | 1905             | Gananoque, Ont.       | 30 6  | 9 6  | 2 4  | 7     | 5     | 1 se.    | Richard C. Smith and D. H. Moser, Halifax, N.S.                             |
| 85644  | Flora                 | Halifax            | 1883             | Malbone Bay, N.S.     | 58 0  | 18 9 | 7 2  | 42    | 40    | 3 se.    | John Milling, Fredericksburg, Ont.  |
| 106831 | Florence              | Bellefleur         | 1894             | Napawan, Ont.         | 28 3  | 7 9  | 3 2  | 3     | 2     | 1 se.    | R. C. Smith, Montreal, Que.   |
| 121826 | Florence              | Montreal           | 1905             | Vermont, Que.         | 35 3  | 6 0  | 2 8  | 3     | 2     | 1 se.    | George Hull Coal Company of Canada, Ltd., 273 Craig St. W., Montreal, Que.  |
| 88309  | Florence              | Montreal           | 1885             | Levis, Que.           | 91 0  | 19 8 | 9 0  | 113   | 30    | 51 se.   | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                           |
| 83072  | Florence              | Ottawa             | 1881             | Rockland, Ont.        | 81 0  | 18 3 | 7 0  | 62    | 24    | 31 se.   | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                           |
| 85453  | Florence              | Quebec             | 1883             | Quebec, Que.          | 91 2  | 22 8 | 9 5  | 133   | 90    | 24 se.   | Wilfred Robidoux, Yamaska, Que.   |
| 103143 | Florence              | Montreal           | 1892             | Three Rivers, Que.    | 51 6  | 10 8 | 4 1  | 18    | 12    | 5 se.    | The River Lievre Navigation Co., Ltd., Buckingham, Que.                     |
| 97163  | Florence              | Victoria           | 1891             | Victoria, B.C.        | 51 0  | 14 2 | 5 9  | 30    | 18    | 3 se.    | C. F. Todd, M.O., Victoria, B.C.  |
| 121975 | Florence Carlin       | Victoria           | 1906             | Krahl, B.C.           | 97 5  | 29 4 | 4 6  | 143   | 80    | 9 pa.    | The Columbia River Lumber Co., Ltd., Golden, B.C.                           |
| 129616 | Florence J. Graham    | Goderich           | 1916             | Goderich, Ont.        | 65 1  | 15 0 | 6 5  | 38    | 26    | 4 se.    | Arthur S. Brown, Kingsville, Ont.   |
| 138033 | Florence M. Nickerson | Barrington Passage | 1916             | Port Clyde, N.S.      | 33 1  | 9 4  | 4 4  | 11    | 11    | 1 se.    | Herbert Nickerson, Clam Point, Cape Island, N.S.                            |
| 107993 | Florence May          | Canso              | 1899             | Queensport, N.S.      | 37 0  | 11 4 | 6 0  | 11    | 10    | 2 se.    | John Kennedy, Canso, N.S.   |
| 150256 | Florence W.           | Vancouver          | 1920             | Vancouver, B.C.       | 31 0  | 10 2 | 4 0  | 9     | 6     | 2 se.    | John S. Jackson, Vancouver, B.C.  |
| 100034 | Floissant             | Toronto            | 1891             | Toronto, Ont.         | 30 0  | 6 0  | 3 0  | 3     | 2     | 3 se.    | Rutherford Cannuing, Toronto, Ont.  |
| 116440 | Floso                 | Vancouver          | 1903             | Vancouver, B.C.       | 30 0  | 8 4  | 3 4  | 12    | 8     | 2 se.    | A. S. Cunningham, Broughton Is., B.C.                                       |
| 136553 | Flower of Buchanan    | Vancouver          | 1912             | Seveston, B.C.        | 37 0  | 9 2  | 3 1  | 8     | 5     | 1 se.    | James Winter, et al., Vancouver, B.C.                                       |
| 131120 | Floz                  | Montreal           | 1912             | Montreal, Que.        | 40 7  | 9 8  | 6 0  | 13    | 11    | 1 se.    | Albert A. Webb, Montreal, Que.  |
| 107712 | Flyer                 | New Westminster    | 1899             | Vancouver, B.C.       | 66 0  | 15 0 | 7 7  | 54    | 25    | 13 se.   | Monarch Towing & Trading Co., Ltd., 902 Columbia St., New Westminster, B.C. |
| 90751  | Flushing              | St. John, N.B.     | 1882             | Athens, N.Y., U.S.A.  | 115 9 | 24 0 | 8 2  | 178   | 73    | 1 se.    | The St. John River Log Driving Co., Devon, N.H.                             |
| 103674 | Flyer                 | Toronto            | 1892             | Kingston, Ont.        | 39 2  | 6 4  | 2 8  | 4     | 3     | 3 se.    | John Rogers, Port Sandfield, Ont.   |
| 126788 | Flying Spur           | New Westminster    | 1910             | Seveston, B.C.        | 38 8  | 8 8  | 4 0  | 10    | 7     | 2 se.    | Alfred Gayton and Warren Scott, J.O., Swanson Bay, B.C.                     |
| 112028 | Foam                  | Quebec             | 1900             | Quebec, Que.          | 42 6  | 10 8 | 4 3  | 16    | 7     | 3 se.    | Quebec Towing & Transportation Co., Ltd., 46 St. James St., Quebec, Que.    |
| 140959 | Fock                  | Montreal           | 1919             | Montreal, Que.        | 29 6  | 6 1  | 2 0  | 3     | 2     | 1 se.    | Joseph Cloutier, Mettagami Heights, Ont.                                    |
| 116412 | Fogger                | Victoria           | 1904             | Victoria, B.C.        | 84 0  | 18 8 | 6 6  | 90    | 57    | 13 se.   | Edward Pierson, Victoria, B.C.  |
| 126449 | Forest B.             | Kenora             | (1895)<br>(1910) | Rainy River, Ont.     | 75 0  | 17 0 | 6 0  | 88    | 60    | 4 se.    | The Rat Portage Lumber Co., Ltd., St. Boniface, Man.                        |
| 122167 | Forest Queen          | Vancouver          | 1906             | Vancouver, B.C.       | 50 5  | 11 7 | 6 0  | 35    | 24    | 3 se.    | Neil A. McKinnon and G. Y. Hibbard, Vancouver, B.C.                         |
| 130575 | Forman F.             | Lunenburg          | 1910             | Little Tancook, N.S.  | 42 4  | 10 9 | 6 2  | 15    | 14    | 3 se.    | Peter A. Landry, River Bourgeois, N.S.                                      |
| 107350 | Fort Fraser           | Lunenburg          | 1901             | Palmico, N.S.         | 45 0  | 14 6 | 6 7  | 23    | 21    | 3 se.    | C. Aubrey Anderson, et al., Lunenburg, N.S.                                 |
| 126944 | Fort Fraser           | Victoria           | 1910             | Soda Creek, B.C.      | 56 0  | 11 8 | 2 9  | 33    | 21    | 2 pa.    | John K. McLenahan and Allan J. Adamson, Winnipeg, Man.                      |
| 120477 | Fort Hamilton         | Montreal           | 1901             | Sandwich, G.B.        | 425 0 | 50 0 | 24 9 | 5,330 | 2,839 | 1001 se. | Quebec Steamship Co., Board of Trade Bldg., Montreal, Que.                  |

\*Foreign name "Queen."    †Foreign name "Fox."    ‡Foreign name "Sans Souci."    §Foreign name "Brandon." and

‡Edna Bridges

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.  
 Abréviations—Abbreviations: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaires gérants; P., Paddle—à aubes; S.C., Screw—à hélice.  
 © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in Italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No.<br>N <sup>o</sup> officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'inscription. | Built.<br>Cons-<br>truit<br>en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode<br>of Propulsion.<br>Puissance des machines en<br>c.v. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--|---------------------------------|--|--------------------------------|---------------------------------------|---|---|--|---------------------------------|--|--|---|
| 130877                                   | Port Landry                     | New Westminster                          | 1913                           | Vancouver, B.C.                       | 51.2  | 12.3  | 4.7  | 31                              | 23   | 4 sc.  | Harbour Navigation Co., Ltd., 423 Hamilton St., Vancouver, B.C.                       |
| 134005                                   | Port McMurray                   | Winnipeg                                 | 1915                           | Fort McMurray, Alta.                  | 151.0   | 28.3  | 4.5  | 661                             | 397  | 9 ps.  | Hudson's Bay Company, London, England.  |
| 121400                                   | Port McPherson                  | Vancouver                                | 1914                           | Vancouver, B.C.                       | 58.6  | 16.0  | 6.3  | 46                              | 31   | 4 sc.  | Hudson's Bay Company, London, England.  |
| 122151                                   | Port Victoria                   | Montreal                                 | 1913                           | Dalmenir, G.B.                        | 411.7   | 56.7  | 25.1   | 7,784                           | 4,531                                      | 626 sc.  | Quebec Steamship Co., Board of Trade Bldg., Montreal, Que.                            |
| 134551                                   | Porter Bros                     | Port Burwell                             | 1918                           | Port Burwell, Ont.                    | 38.5  | 11.6  | 5.0  | 15                              | 10   | 3 sc.  | Horatio N. and Lorne Foster, J.O., Port Burwell, Ont.                                 |
| 135120                                   | Port W. Adams                   | Victoria                                 | 1906                           | Vancouver, B.C.                       | 26.0  | 9.7   | 5.8  | 8                               | 5  | 3 sc.  | Percy A. Bodkin, Sidney, B.C.   |
| 138128                                   | Port River                      | Esquimaut                                | 1920                           | Fox River, Que.                       | 41.0  | 14.8  | 5.3  | 18                              | 12   | 1 sc.  | Robin Jones & Whitman, Ltd., Halifax, N.S.  |
| 133068                                   | Princess Maitland               | Digby                                    | 1918                           | Centreville, N.S.                     | 86.5  | 18.0  | 8.3  | 99                              | 41   | 17 sc.   | Alfred Bondier, Centreville, N.S.   |
| 138618                                   | Princess Elizabeth              | Charlottetown                            | 1918                           | Campbellton, N.B.                     | 43.0  | 9.0   | 5.0  | 14                              | 6  | 3 sc.  | Mrs. Beverly Sprout, Campbellton, N.B.  |
| 120738                                   | Princess Margie                 | Quebec                                   | 1911                           | Quebec, N.S.                          | 41.6  | 10.0  | 5.6  | 13                              | 12   | 4 sc.  | Frank King, Halifax, N.S.   |
| 129005                                   | Princess W.                     | Quebec                                   | 1905                           | Collingwood, Ont.                     | 59.0  | 10.0  | 8.0  | 43                              | 41   | 8 sc.  | Canadian Dredging Co., Ltd., Durham, Ont.   |
| 126897                                   | Princess Cutting                | Vancouver                                | 1889                           | San Francisco, Cal., U.S.A.           | 80.5  | 20.5  | 7.6  | 91                              | 60   | 14 sc.   | Whelan Pulp & Paper Mills, Ltd., Merchants Bank Bldg., Vancouver, B.C.                |
| 120846                                   | Francis Idaho                   | Vancouver                                | 1911                           | Vancouver, B.C.                       | 37.5  | 11.0  | 5.0  | 14                              | 10   | 7 sc.  | Leo Powell, New Westminster, B.C.   |
| 126651                                   | Francis Mich.                   | Midland                                  | 1909                           | Penatanshene, Ont.                    | 50.3  | 12.4  | 5.1  | 27                              | 13   | 3 sc.  | William Martin, Penatanshene, Ont.  |
| 126451                                   | Francis C.                      | Sorel                                    | 1909                           | Sorel, Que.                           | 86.0  | 17.1  | 5.8  | 126                             | 49   | 13 sc.   | Alcime Beaudot et al, Sorel, Que.   |
| 107895                                   | Frank                           | Montreal                                 | 1900                           | Cardinal, Ont.                        | 40.0  | 10.0  | 3.2  | 16                              | 3  | 25 sc.   | Laurin & Leitch Engineering and Construction Co., Ltd., Montreal, Que.                |
| 134517                                   | Frank B. Stevens                | Sarnia                                   | 1867                           | Buffalo, N.Y., U.S.A.                 | 146.0   | 29.3  | 11.0   | 516                             | 269  | 47 sc.   | American Transit Company, Ltd., Sarnia, Ont.  |
| 141231                                   | Frank C.                        | Charlottetown                            | 1913                           | Souris, P.E.I.                        | 47.2  | 12.8  | 4.8  | 15                              | 10   | 1 sc.  | Harry D. McLean, Souris, P.E.I.   |
| 116386                                   | Frank C. Barnes                 | Port Arthur                              | 1916                           | Manitac, Mich., U.S.A.                | 66.0  | 16.0  | 8.0  | 63                              | 43   | 10 sc.   | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                       |
| 130238                                   | Frank H. Stanley                | Port Stanley                             | 1892                           | Port Stanley, Ont.                    | 66.0  | 15.0  | 7.5  | 46                              | 29   | 10 1/2 sc.   | Harry L. Moore and Walter S. Stanton, J.O., Port Stanley, Ont.                        |
| 117079                                   | Frank L.                        | Toronto                                  | 1905                           | Parry Sound, Ont.                     | 68.7  | 13.0  | 6.6  | 46                              | 31   | 10 sc.   | Wm. H. Oldfield, Parry Sound, Ont.  |
| 134397                                   | Frank L. C.                     | Lunenburg                                | 1909                           | Lunenburg, N.S.                       | 36.2  | 11.2  | 5.4  | 13                              | 11   | 3 sc.  | Stephen Gloversey, Pleasantville, N.S.  |
| 12083                                    | Frank Marshall                  | Kenora                                   | 1912                           | Dryden, Ont.                          | 60.9  | 12.5  | 5.5  | 40                              | 27   | 13 sc.   | The Dryden Timber & Power Co., Ltd., Dryden, Ont.                                     |
| 126122                                   | Frank N. McCre                  | Kineston                                 | 1908                           | Buffalo, N.Y., U.S.A.                 | 47.8  | 11.0  | 5.0  | 19                              | 10   | 31 sc.   | Frank N. McCre, Sherbrooke, Que.  |
| 70287                                    | Frank Perc                      | Montreal                                 | 1867                           | Quebec, Que.                          | 72.6  | 16.6  | 6.7  | 43                              | 24   | 40 sc.   | The Minister of Railways and Canals, Ottawa, Ont.                                     |
| 116223                                   | Frankie H.                      | Quebec                                   | 1903                           | Quebec, Que.                          | 45.0  | 11.1  | 6.6  | 17                              | 8  | 20 sc.   | Michael J. Huelsct, Quebec, Que.  |
| 116715                                   | Fraserville                     | Quebec                                   | 1904                           | Port Glasgow, G.B.                    | 60.0  | 15.3  | 7.4  | 35                              | 25   | 16 sc.   | Canadian Bank of Commerce, 23 King St. W., Toronto, Ont.                              |
| 138160                                   | Fredrith                        | Vancouver                                | 1916                           | Vancouver, B.C.                       | 29.5  | 8.0   | 3.2  | 4                               | 3  | 1 sc.  | Godwin O. C. Anderson, Nanaimo, B.C.  |



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| Number | Name               | Home Port        | Company  | Tonnage | Length | Breadth | Speed | Engine | Remarks |
|--------|--------------------|------------------|--|---------|--------|---------|-------|--------|---------|
| 107415 | Fred               | Montreal         | Joseph and François Bégin, J.O., Quebec, Que.                        | 17      | 59     | 12      | 4     | 48     | 1899    |
| 94688  | Fred               | Collingwood      | Montreal, Que.   | 16      | 59     | 12      | 4     | 48     | 1899    |
| 134379 | Fred A. Lec.       | Sault Ste. Marie | Joseph and François Bégin, J.O., Quebec, Que.                        | 106     | 82     | 17      | 8     | 97     | 1896    |
| 103200 | Fred Glessier      | St. John, N.B.   | St. John River Log Driving Co., Devon, N.B.                          | 32      | 10     | 15      | 5     | 72     | 1896    |
| 92478  | Fred M. Burt       | Charlottetown    | St. John River Log Driving Co., Devon, N.B.                          | 106     | 82     | 17      | 8     | 97     | 1896    |
| 141374 | Fred. Mercier      | Montreal         | Sydney L. Penhwood, Sault Ste. Marie, Ont.                           | 14      | 10     | 15      | 5     | 72     | 1896    |
| 100894 | Fred and Norman    | Weymouth         | The St. John River Log Driving Co., Devon, N.B.                      | 7       | 4      | 8       | 4     | 37     | 1896    |
| 141392 | Freda and Blanche  | Digby            | Halifax Water Boats Co., Ltd., 129 Granville St., Halifax, N.S.      | 38      | 7      | 7       | 7     | 35     | 1896    |
| 130911 | Freddick H.        | Vancouver        | George Hall Coal Co. of Canada, Ltd., 211 McGill St., Montreal, Que. | 781     | 1,293  | 17      | 4     | 67     | 1896    |
| 133757 | Freddick H.        | Vancouver        | George Hall Coal Co. of Canada, Ltd., 211 McGill St., Montreal, Que. | 14      | 10     | 15      | 5     | 72     | 1896    |
| 131137 | Frederickton       | Ottawa           | The Canadian Fish & Cold Storage Co., Ltd., Vancouver, B.C.          | 47      | 27     | 8       | 109   | 47     | 1896    |
| 141471 | Frestmac           | Montreal         | The Minister of Public Works, Ottawa, Ont.                           | 54      | 86     | 10      | 7     | 81     | 1896    |
| 131143 | Frelina            | Vancouver        | Siemmes McNaughton Lane, Ltd., 75 Common St., Montreal, Que.         | 31      | 33     | 7       | 1     | 33     | 1896    |
| 134027 | Freda              | Victoria         | Boardman Cheney, White Head, N.B.                                    | 8       | 9      | 3       | 6     | 34     | 1896    |
| 138412 | Friday             | Winnipeg         | Mrs. Emma E. Cunningham, Vancouver, B.C.                             | 7       | 9      | 3       | 7     | 34     | 1896    |
| 134142 | Friday             | Winnipeg         | Mrs. Emma E. Cunningham, Vancouver, B.C.                             | 7       | 9      | 3       | 7     | 34     | 1896    |
| 134142 | Friday             | Winnipeg         | Mrs. Emma E. Cunningham, Vancouver, B.C.                             | 7       | 9      | 3       | 7     | 34     | 1896    |
| 111767 | Frontace           | Vancouver        | Miss H. H. Barry, Victoria, B.C.                                     | 3       | 3      | 7       | 3     | 3      | 1896    |
| 121782 | Frontace           | Kingston         | The Minister of Public Works, Ottawa, Ont.                           | 26      | 39     | 13      | 6     | 39     | 1896    |
| 107668 | Frontace           | Ottawa           | Thomas L. Carson, Vancouver, B.C.                                    | 17      | 38     | 13      | 6     | 39     | 1896    |
| 133909 | Frontace           | Quebec           | John Donnelly, et al, Kingston, Ont.                                 | 64      | 111    | 11      | 8     | 111    | 1896    |
| 1389   | Frontace           | Quebec           | John Donnelly, et al, Kingston, Ont.                                 | 64      | 111    | 11      | 8     | 111    | 1896    |
| 137950 | Fruyama            | Vancouver        | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                 | 206     | 304    | 9       | 6     | 304    | 1896    |
| 138309 | Fuji-Maru          | Vancouver        | The Compagnie Maritime et Industrielle de Lévis, Lévis, Que.         | 48      | 38     | 11      | 9     | 292    | 1896    |
| 130847 | Fuld Moon          | Vancouver        | The Minister of Marine & Fisheries, Ottawa, Ont.                     | 63      | 77     | 13      | 9     | 292    | 1896    |
| 137936 | G. A. E.           | Vancouver        | Western Salmon Packing Co., Ltd., Columbia Ave., Vancouver, B.C.     | 1       | 1      | 3       | 11    | 1      | 1896    |
| 130512 | G. B. F.           | Vancouver        | Izo Morimoto, Vancouver, B.C.  | 4       | 5      | 3       | 2     | 5      | 1896    |
| 141148 | G. N. No. 1        | Victoria         | Cereano J. Kelly, Vancouver, B.C.                                    | 16      | 24     | 5       | 3     | 24     | 1896    |
| 126049 | G. A. McLaurin     | Port Arthur      | A. Fraser Co. Ltd., Vancouver, B.C.                                  | 1       | 6      | 3       | 9     | 6      | 1896    |
| 103882 | G. B. Greene       | Ottawa           | John Brown, Westford, N.B.   | 3       | 6      | 3       | 8     | 6      | 1896    |
| 116647 | G. B. Pattee H.    | Ottawa           | Walmsley, Newnam, Saumichon, B.C.                                    | 12      | 12     | 4       | 4     | 12     | 1896    |
| 116352 | G. B. Zwickler     | Port Medway      | Geo. A. McLaurin, St. John, N.B.                                     | 34      | 59     | 8       | 0     | 59     | 1896    |
| 66912  | G. D. Hunter       | St. John, N.B.   | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                 | 63      | 88     | 13      | 6     | 88     | 1896    |
| 130685 | G. H. Kotler       | Montreal         | Roy Iblitz, Port Medway, N.S.  | 12      | 13     | 4       | 8     | 13     | 1896    |
| 103269 | G. K. King         | St. John, N.B.   | Miss Almeta F. Gregory, St. John, N.B.                               | 46      | 68     | 13      | 6     | 68     | 1896    |
| 134330 | G. M. Stearns      | Chatham, N.B.    | W. C. Edwards Co., Ltd., Pockland, Ont.                              | 16      | 33     | 16      | 4     | 33     | 1896    |
| 134571 | G. N. Humming Bird | New Westminster  | Mrs. C. A. Warren, et al, St. John, N.B.                             | 15      | 35     | 15      | 1     | 35     | 1896    |
| 133836 | G. R. Carillon     | Montreal         | John W. Brankley, Charlottetown, N.B.                                | 16      | 57     | 16      | 8     | 57     | 1896    |
| 130313 | G. R. Crowe        | Toronto          | Johnson Cannon, Mission City, B.C.                                   | 2       | 8      | 3       | 8     | 8      | 1896    |
| 133756 | G. S. Mayes        | Halifax          | Joseph Roy, Carillon, Que.   | 3       | 9      | 2       | 20    | 9      | 1896    |
| 103570 | Gadabout           | Montreal         | Montezuma Transportation Co., Ltd., King St. W., Toronto, Ont.       | 116     | 240    | 23      | 47    | 240    | 1896    |
| 107409 | Gadfly             | Montreal         | Corporation of the City of Toronto, Toronto, Ont.                    | 135     | 199    | 17      | 0     | 199    | 1896    |
| 133829 | Gaetan             | Montreal         | G. S. Mayes, 71 Upper Water St., Halifax, N.S.                       | 37      | 55     | 10      | 1     | 55     | 1896    |
| 130247 | Gaetia             | Port Medway      | N. E. Bennett, Montreal, Ont.  | 12      | 39     | 12      | 3     | 39     | 1896    |
| 141030 | Gagi               | Vancouver        | Daniel Daoust, Hamilton, Ont.  | 2       | 2      | 2       | 2     | 2      | 1896    |
| 12079  | Gale               | Winnipeg         | James Bryce Allan, Mont. Ont.  | 3       | 4      | 2       | 2     | 4      | 1896    |
| 130696 | Gambier            | Vancouver        | George Dauserau, Greenville, Que.                                    | 15      | 15     | 6       | 16    | 15     | 1896    |
| 126642 | Gambler            | Port Dover       | Maurice J. Stanley, Liverpool, Que.                                  | 3       | 3      | 3       | 3     | 3      | 1896    |
|        |                    |                  | Ramesuk Miyashita, St. John, N.B.                                    | 6       | 6      | 3       | 3     | 6      | 1896    |
|        |                    |                  | Thomas J. Robinson, Wabigoon, Ont.                                   | 30      | 48     | 10      | 5     | 48     | 1896    |
|        |                    |                  | Foley Mines Co., Ltd., Mine Co., Ont.                                | 1       | 3      | 1       | 3     | 3      | 1896    |
|        |                    |                  | William H. Turnbull, Sullyvan Station, B.C.                          | 1       | 1      | 1       | 1     | 1      | 1896    |
|        |                    |                  | Harry and John Siddall, J.O., Port Maitland, Ont.                    | 18      | 26     | 5       | 8     | 26     | 1896    |

1 Formerly a sailing vessel. 2 Formerly "Argyle." 3 Formerly "Argyle." 4 Recovered Wreck.

ALPHABETICAL LIST OF Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.  
 Abréviations—Abbreviations: **J.O.**, Joint Owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Fa.**, Puddle—à aubes; **Sc.**, Screw—à hélice.  
 © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in Italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire. | Port or Registry.<br>Port d'enregistrement. | Built.<br>Construction. | Where Built.<br>Lieu de construction. | Length in feet and inches.<br>Longueur en pieds et toises. | Breadth in feet and inches.<br>Largeur en pieds et toises. | Depth in feet and inches.<br>Profondeur en pieds et toises. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en c.v. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|-------------------------|---------------------------------------|--|--|---|---------------------------------|--|--|---|
| 122605       | <i>Gama</i>                     | Kenora                                      | 1906                    | Hamilton, Ont.                        | 23 0   | 6 3  | 3 8   | 2                               | 2  | 1/2 sc.  | John A. Johnston, Ignace, Ont.  |
| 100635       | Garden City                     | Toronto                                     | 1892                    | Toronto, Ont.                         | 177 9  | 26 1   | 10 0  | 637                             | 401  | 150 hp.  | The Niagara, St. Catharines & Toronto Nav. Co., Ltd., Toronto, Ont.                   |
| 90903        | Garnet                          | Kingston                                    | 1889                    | Kingston, Ont.                        | 53 0   | 11 6   | 4 5   | 19                              | 12   | 9 sc.  | Jarvis P. MacDonald, Missisaga Island, Ont.   |
| 134283       | Garry                           | Winnipeg                                    | 1914                    | Selkirk, Man.                         | 101 6  | 20 5   | 8 5   | 120                             | 81   | 31 sc.   | Manitoba Transport Co., Ltd., Winnipeg, Man.  |
| 138006       | Garry Point                     | New Westminster                             | 1917                    | Steveston, B.C.                       | 40 0   | 9 2  | 4 4   | 13                              | 9  | 2 sc.  | Yukichi Oyama, Steveston, B.C.  |
| 141181       | Garry Point No. 2               | New Westminster                             | 1918                    | Steveston, B.C.                       | 37 0   | 8 4  | 3 8   | 10                              | 7  | 5 sc.  | Yukichi Oyama, Steveston, B.C.  |
| 141534       | Garry Point III                 | New Westminster                             | 1920                    | Steveston, B.C.                       | 41 6   | 10 0   | 4 5   | 16                              | 9  | 21 sc.   | Yukichi Oyama, Steveston, B.C.  |
| 82960        | Gartholpde                      | Montreal                                    | 1883                    | Newcastle-on-Tyne, G.B.               | 115 6  | 20 2   | 10 1  | 186                             | 130  | 12 sc.   | Marine Navigation Company of Canada, Ltd., 20 St. Nicholas St., Montreal, Que.        |
| 103514       | <i>Gaspe Trader</i>             | Gaspe                                       | 1918                    | Barachois, Que.                       | 117 8  | 29 2   | 9 8   | 209                             | 112  | 22 sc.   | Herbert A. Ellis, Barachois, Que.   |
| 130627       | Gaudiose                        | Montreal                                    | 1911                    | Verdun, Que.                          | 27 7   | 7 9  | 2 5   | 5                               | 3  | 1 sc.  | Lake Montclair Pulp Co., Lake Mégantic, Que.  |
| 134108       | Ganlan                          | Vancouver                                   | 1908                    | Vancouver, B.C.                       | 28 4   | 8 2  | 3 6   | 5                               | 3  | 1 sc.  | Peter C. Haldane and Everett W. Kimball, J.O., Swanson Bay, B.C.                      |
| 133860       | Ganiola                         | Vancouver                                   | 1913                    | Vancouver, B.C.                       | 38 0   | 9 4  | 4 5   | 13                              | 9  | 1 sc.  | John Henry Gates and Charles W. Cates, North Vancouver, B.C.                          |
| 107710       | Geisla                          | Toronto                                     | 1900                    | Toronto, Ont.                         | 50 9   | 10 0   | 4 2   | 20                              | 13   | 1 sc.  | John Hendry, Toronto, Ont.  |
| 121749       | Geisla                          | Vancouver                                   | 1900                    | Hong Kong                             | 26 0   | 5 5  | 3 0   | 2                               | 1  | 1/2 sc.  | Geo. Giles, Wm. Thompson and David Harkness, Vancouver, B.C.                          |
| 100546       | Gen                             | Digby                                       | 1896                    | Westport, N.S.                        | 32 0   | 6 5  | 4 6   | 5                               | 2  | 6 sc.  | John E. Moore, Westport, N.S.   |
| 106384       | Gen                             | Toronto                                     | 1897                    | Port Sydney, Ont.                     | 53 4   | 12 2   | 6 0   | 35                              | 24   | 6 sc.  | A. S. Smith, Stephenson Township, Muskoka, Ont.                                       |
| 131114       | Gene                            | Vancouver                                   | 1912                    | Vancouver, B.C.                       | 40 0   | 9 5  | 4 7   | 16                              | 11   | 14 sc.   | Dolly Varden Shipping Co., Ltd., 918 Government St., Victoria, B.C.                   |
| 140993       | General Carrio                  | Halifax                                     | 1919                    | Toronto, Ont.                         | 251 0  | 43 6   | 21 2  | 2,490                           | 1,519                                      | 146 sc.  | Nova Scotia Steamships, Ltd., Halifax, N.S.   |
| 149396       | General Turner                  | Toronto                                     | 1919                    | Toronto, Ont.                         | 251 0  | 43 6   | 21 2  | 2,490                           | 1,519                                      | 146 sc.  | The Eastern Steamship Co., Ltd., Toronto Bldg., Toronto, Ont.                         |
| 107482       | Genl. Weitzel                   | Sault Ste. Marie                            | 1881                    | Buffalo, N.Y., U.S.A.                 | 57 0   | 12 0   | 5 9   | 32                              | 24   | 5 sc.  | William E. Owen, Richards Landing, Ont.   |
| 116937       | General Williams                | Toronto                                     | 1919                    | Toronto, Ont.                         | 251 0  | 43 6   | 21 2  | 2,490                           | 1,519                                      | 146 sc.  | Dominion Shipbuilding Co., Ltd., Toronto, Ont.  |
| 116946       | Geneva                          | Digby                                       | 1904                    | Bellaire, Me., U.S.A.                 | 42 6   | 11 8   | 4 0   | 14                              | 6  | 11 sc.   | George W. Colwell, et al., St. John, N.B.   |
| 133701       | Geneva                          | Toronto                                     | 1905                    | Orrillia, Ont.                        | 80 7   | 16 3   | 5 3   | 92                              | 58   | 10 sc.   | William Thompson, Orrillia, Ont.  |
| 133704       | Gene and May                    | Sydney, N.S.                                | 1916                    | Dingwall, N.S.                        | 36 8   | 12 0   | 5 0   | 12                              | 11   | 3 sc.  | Joseph O'Brien, Dingwall, N.S.  |
| 142970       | Georgie                         | Yarmouth                                    | 1903                    | Pubnico, N.S.                         | 41 0   | 14 7   | 7 0   | 23                              | 22   | 2 sc.  | Actimo Amaro, West Pubnico, N.S.  |
| 103553       | Geo. A. Harris                  | Ottawa                                      | 1882                    | Hull, Que.                            | 90 0   | 18 8   | 7 2   | 87                              | 56   | 37 sc.   | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                                     |
| 107335       | George A. H.                    | Yarmouth                                    | 1900                    | U.S.A.                                | 16 0   | 4 0  | 2 4   | 1                               | 1  | 2 sc.  | George H. Robertson, Pubnico, N.S.  |
| 133533       | George Bodwell                  | Ottawa                                      | 1913                    | Buckingham, Que.                      | 72 8   | 25 6   | 6 6   | 71                              | 42   | 13 sc.   | The River Lievre Navigation Co., Ltd., Buckingham, Que.                               |

SESSIONAL PAPER No. 22

| No.     | Name                 | Company            | Tonnage | Length | Breadth | Depth | Speed | Engine | Notes  |
|---------|----------------------|--------------------|---------|--------|---------|-------|-------|--------|--|
| 111974  | Geo. D. Morrison     | Southernport       | 1905    | 137    | 50      | 50    | 13    | 50     | Kincardine, Ont.   |
| 120660  | George E. Young      | Owen Sound         | 1999    | 137    | 50      | 50    | 13    | 50     | Tobemory, Ont.   |
| 123337  | George Emerson       | Sault Ste. Marie   | 1888    | 62     | 10      | 10    | 32    | 36     | Laque Superior, Tobemory, Ont.   |
| 161411  | Geo. F. Piper        | Victoria           | 1904    | 41     | 14      | 6     | 6     | 6      | Lake Superior Paper Co., Ltd., Sault Ste. Marie, Que.                                    |
| 1219683 | George H.            | Kingston           | 1886    | 78     | 16      | 6     | 26    | 4      | Forest Mills of British Columbia, Ltd., Revelstoke, B.C.                                 |
| 1218101 | George M.            | Digby              | 1906    | 31     | 6       | 0     | 6     | 4      | Mrs. May A. Hammond, Kingston, Ont.  |
| 141051  | George L. Cook       | Lunenburg          | 1919    | 67     | 17      | 6     | 7     | 4      | Ed. R. Barry, Summerside, Nfld.  |
| 1303223 | George P.            | Kingston           | 1919    | 43     | 10      | 4     | 195   | 133    | Abram Cook, M.O., Lunenburg, N.S.  |
| 1118909 | Geo. W. Cuyler       | Sault Ste. Marie   | 1880    | 61     | 8       | 3     | 30    | 7      | Charles J. Reilly, Brookville, Ont.  |
| 1352961 | George W. Yates      | Ottawa             | 1913    | 100    | 0       | 19    | 1     | 3      | The C. Beck Mfg. Co., Ltd., Penetanguishene, Ont.  |
| 131014  | Geo. Windfield-Smith | Quebec             | 1903    | 51     | 6       | 11    | 8     | 9      | The Minister of Railways and Canals, Ottawa, Ont.  |
| 1385143 | Georges William      | Quebec             | 1913    | 71     | 9       | 12    | 3     | 10     | John Penderon & Co. (Inc.), St. Marie de Sayabec, Que.                                   |
| 92617   | Georgina             | Port Arthur        | 1893    | 26     | 4       | 7     | 44    | 30     | Joseph Tromblay, Alexis Ste. Anne, Co. of Chicoutimi, Que.                               |
| 1385440 | Georges              | Vancouver          | 1917    | 24     | 10      | 7     | 4     | 6      | Marmel Forrest, Fort William, Ont.   |
| 126769  | Gerald R.            | Quebec             | 1910    | 56     | 0       | 14    | 7     | 6      | Sarnial Fisheries, Ltd., 802 Credit Foncier Bldg., Vancouver, B.C.                       |
| 97120   | Geraldine            | Collingwood        | 1893    | 66     | 0       | 14    | 4     | 6      | Laclanche Limitee, 39 St. Paul St., Quebec, Que.   |
| 133767  | Geraldine R.         | Victoria           | 1913    | 33     | 0       | 9     | 6     | 4      | The Coniger Lumber Co., Limited, Toronto, Ont.   |
| 1385254 | Geraldine Walein     | Vancouver          | 1917    | 240    | 0       | 43    | 9     | 19     | The Minister of Lands for British Columbia, Victoria, B.C.                               |
| 141503  | Germain L.           | Quebec             | 1919    | 96     | 3       | 26    | 7     | 9      | Canada West Coast Navigation Co., Ltd., 1312 Standard Bank Bldg., Vancouver, B.C.        |
| 131310  | Germany              | Toronto            | 1903    | 94     | 3       | 16    | 8     | 10     | German Ledere, St. Anne de Monts, Que., and Auguste and Edouard Cole, J.O., Quebec, Que. |
| 116377  | Gertie               | Port Arthur        | 1903    | 58     | 0       | 17    | 0     | 4      | Canadian Northern Steamships, Ltd., 1 Toronto St., Toronto, Ont.                         |
| 121737  | Gertrude             | St. John, N.B.     | 1913    | 64     | 5       | 20    | 0     | 4      | Samuel Forrest, Fort William, Ont.   |
| 85420   | Gertrude A. Ranney   | St. Catharines     | 1906    | 25     | 9       | 6     | 6     | 2      | Charles M. Pye, M.O., Hopewell Cape, N.B.  |
| 134465  | Gertrude M. B.       | Halifax            | 1915    | 42     | 1       | 10    | 1     | 4      | Packers Steamship Co., Ltd., Vancouver, B.C.   |
| 130519  | Gertrude R.          | Weymouth           | 1916    | 54     | 5       | 16    | 4     | 8      | Nobel Bros., Co., Ltd., Owen Sound, Ont.   |
| 138035  | Gertrude Ross        | Barrington Passage | 1916    | 32     | 4       | 9     | 2     | 4      | George McBeth, Alberton, P.E.I.  |
| 116462  | Gi-Kenni             | Vancouver          | 1903    | 35     | 4       | 9     | 0     | 3      | Loran E. Perry, Freeport, N.S.   |
| 134092  | Gi-Kami H.           | Vancouver          | 1914    | 45     | 8       | 11    | 0     | 4      | Chas. M. Ross, Stony Island, N.S.  |
| 85712   | Gilbert              | Toronto            | 1884    | 72     | 0       | 19    | 0     | 5      | The Superintendent General of Indian Affairs, Ottawa, Ont.                               |
| 130806  | Gilford              | Vancouver          | 1907    | 39     | 1       | 12    | 4     | 4      | The Minister of the Interior, Ottawa, Ont.   |
| 122074  | Gipsy                | Toronto            | 1903    | 51     | 8       | 12    | 5     | 4      | M. J. Haney and Roger Miller, Toronto, Ont.  |
| 137986  | Givenehy O.          | Kingston           | 1906    | 44     | 6       | 9     | 8     | 7      | Robert Hobbs, Vancouver, B.C.  |
| 114133  | Glad Tidings         | Ottawa             | 1913    | 130    | 0       | 25    | 0     | 13     | Dominique Legault, Charlton, Ont.  |
| 61993   | Gladiator            | Sydney, N.S.       | 1884    | 42     | 0       | 10    | 4     | 0      | Carroll H. Powell, Kingston, Ont.  |
| 16722   | Gladys               | Vancouver          | 1899    | 42     | 0       | 10    | 4     | 0      | The Muskoka Wood Manufacturing Co., Ltd., Ottawa, Ont.                                   |
| 114432  | Gladys Elena         | Halifax            | 1912    | 45     | 4       | 10    | 3     | 9      | Halifax Tow Boat Co., Ltd., Halifax, N.S.  |
| 130945  | Gladys Irene         | Lunenburg          | 1902    | 39     | 7       | 13    | 2     | 6      | Inland Trading Co., Ltd., Victoria, B.C.   |
| 133675  | Gladys K. M.         | Vancouver          | 1913    | 46     | 3       | 12    | 0     | 16     | Charles Twobig, Pennant, N.S.  |
| 138667  | Gladys M. Ross       | Victoria           | 1919    | 29     | 0       | 9     | 5     | 6      | John M. McIntosh, Victoria, B.C.   |
| 116537  | Gladys M. Smith      | Barrington Passage | 1919    | 34     | 0       | 9     | 4     | 6      | John M. Jones & Whitman Ltd., Halifax, N.S.  |
| 130507  | Gladys Thornburn     | Lunenburg          | 1905    | 55     | 2       | 16    | 8     | 30     | Floyd Ross, Stony Island, N.S.   |
| 107526  | Gleamer              | Victoria           | 1912    | 113    | 0       | 24    | 6     | 5      | Milford and Henry Bond, Chester, N.S.  |
| 130676  | Glefenl              | New Westminster    | 1899    | 73     | 4       | 18    | 0     | 7      | John H. Thornburn, M.O., Sand Point, N.S.  |
| 130645  | Glen Allen           | Sarnia             | 1912    | 112    | 8       | 26    | 4     | 8      | The British Yukon Navigation Co., Ltd., 589 Granville St., Vancouver, B.C.               |
| 133796  | Glen Erie            | Port Stanley       | 1918    | 68     | 5       | 17    | 2     | 7      | Canadian Tugboat Co., Ltd., Vancouver, B.C.  |
| 107789  | Glen Isle            | Ottawa             | 1900    | 108    | 0       | 23    | 6     | 6      | Imperial Oil, Ltd., Toronto, Ont.  |
| 122067  | Glen Villa           | Montreal           | 1911    | 36     | 1       | 8     | 1     | 3      | The Howe Fish Co., Ltd., Port Stanley, Ont.  |
| 116768  | Glenada              | Toronto            | 1904    | 69     | 0       | 12    | 4     | 5      | Rideau Canal Supply Co., Ltd., Ottawa, Ont.  |

<sup>1</sup>Formerly "Clyde" and a sailing vessel. <sup>2</sup>Formerly "Wakaninnish." <sup>3</sup>Formerly a sailing vessel. <sup>4</sup>Formerly "Welshman."

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—Abréviations: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Puddle—à aubes; Sc., Screw—à hélice.  
 ©Equipped with Wireless—Muni de la T. S. F.—Names of Motor Vessels in italics—Les noms des vapeurs à moteurs sont en italique.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Cous-<br>truit<br>en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. or Engines and Mode of Propulsion.<br>Puissance des machines en c. v. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|--------------------------------|---------------------------------------|---|---|--|---------------------------------|--|---|---|
| 130800       | Glenboro                        | Vancouver                                   | 1912                           | Vancouver, B.C.                       | 61 0  | 17 3  | 8 6  | 74                              | 50   | 13 sc.  | Herrman Willbar and Mrs. John H. Speedie Vancouver, B.C.                              |
| 138219       | Glenbore                        | Midland                                     | 1890                           | Buffalo, N. Y., U.S.A.                | 27 6  | 4 0   | 21 3   | 2,350                           | 1,423                                      | 136 sc.   | Great Lakes Transportation Co., Ltd., Midland, Ont.                                   |
| 138216       | Glenadair                       | Midland                                     | 1913                           | Wyandotte, Mich., U.S.A.              | 24 0  | 43 0  | 18 2   | 1,870                           | 1,018                                      | 115 sc.   | Glen Transportation Co., Ltd., Midland, Ont.  |
| 141317       | Glenaida I                      | Vancouver                                   | 1893                           | Buffalo, N. Y., U.S.A.                | 26 6  | 41 0  | 23 4   | 2,152                           | 1,633                                      | 117 sc.   | Great Lakes Transportation Co., Ltd., Midland, Ont.                                   |
| 141318       | Glenaida II                     | Vancouver                                   | 1919                           | Vancouver, B.C.                       | 32 5  | 10 0  | 3 3  | 10                              | 7  | 3 sc.   | H. Bell-Irving & Co., Ltd., 322 Richard St., Vancouver, B.C.                          |
| 141319       | Glenaida III                    | Vancouver                                   | 1919                           | Vancouver, B.C.                       | 32 5  | 10 0  | 3 3  | 10                              | 7  | 3 sc.   | H. Bell-Irving & Co., Ltd., 322 Richard St., Vancouver, B.C.                          |
| 112935       | Gleneloh                        | Hamilton                                    | 1905                           | Dundee, G. B.                         | 250 0   | 43 2  | 23 5   | 2,272                           | 1,454                                      | 146 sc.   | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                       |
| 126659       | Glenfuman                       | Midland                                     | 1893                           | Cleveland, Ohio, U.S.A.               | 32 4  | 42 0  | 19 5   | 2,406                           | 1,472                                      | 195 sc.   | Great Lakes Transportation Co., Ltd., Midland, Ont.                                   |
| 141252       | Glenbore                        | Yarmouth                                    | 1919                           | Yarmouth, N.S.                        | 102 5   | 30 5  | 6 9  | 232                             | 126  | 24 sc.  | The St. John Steamship Co., Ltd., St. John, N.B.                                      |
| 138214       | Glenora                         | Vancouver                                   | 1912                           | Hong Kong                             | 40 0  | 9 2   | 14   | 10                              | 1  | 1 sc.   | James D. Small, et al., Vancouver, B.C.   |
| 138214       | Glenora                         | Midland                                     | 1903                           | Detroit, Mich., U.S.A.                | 400 0   | 50 0  | 24 3   | 4,578                           | 3,404                                      | 169 sc.   | Great Lakes Transportation Co., Ltd., Midland, Ont.                                   |
| 134261       | Glenivra                        | Midland                                     | 1891                           | Cleveland, Ohio, U.S.A.               | 26 6  | 38 0  | 20 0   | 1,860                           | 1,089                                      | 111 sc.   | Great Lakes Transportation Co., Ltd., Midland, Ont.                                   |
| 126660       | Glenlyon                        | Midland                                     | 1893                           | West Bay City, Mich., U.S.A.          | 328 0   | 42 5  | 20 5   | 2,759                           | 1,644                                      | 144 sc.   | Great Lakes Transportation Co., Ltd., Midland, Ont.                                   |
| 133533       | Glenmavis                       | Midland                                     | 1913                           | Londonderry, G. B.                    | 250 0   | 42 5  | 17 4   | 1,686                           | 1,055                                      | 96 sc.  | Montreal Transportation Co., Ltd., Midland, Ont.                                      |
| 138255       | Glennmont                       | Montreal                                    | 1887                           | Wyandotte, Mich., U.S.A.              | 291 2   | 41 0  | 18 4   | 2,111                           | 1,217                                      | 132 sc.   | Montreal Transportation Co., Ltd., 14 Place Royale, Montreal, Que.                    |
| 107941       | Glenora                         | St. Catharines                              | 1900                           | Fort Erie, Ont.                       | 45 3  | 10 4  | 4 1  | 17                              | 10   | 12 sc.  | H. W. Saxton, Bayham, Ont.  |
| 138213       | Glenorely                       | Midland                                     | 1902                           | West Bay City, Mich., U.S.A.          | 380 0   | 50 2  | 24 0   | 3,871                           | 2,465                                      | 146 sc.   | Great Lakes Transportation Co., Ltd., Midland, Ont.                                   |
| 134511       | Glenesloe                       | Midland                                     | 1908                           | Cleveland, Ohio, U.S.A.               | 480 0   | 54 0  | 26 3   | 5,667                           | 3,789                                      | 180 sc.   | Great Lakes Transportation Co., Ltd., Midland, Ont.                                   |
| 138218       | Glenestraven                    | Midland                                     | 1889                           | Buffalo, N. Y., U.S.A.                | 27 4  | 42 2  | 20 5   | 2,152                           | 1,585                                      | 114 sc.   | Great Lakes Transportation Co., Ltd., Midland, Ont.                                   |
|              | Glide                           | Kingston                                    | 1886                           | Brookville, Ont.                      | 7 4   | 13 2  | 8 1  | 78                              | 37   | 4 sc.   | John E. Russell, Toronto, Ont.  |
|              | Glide                           | Ottawa                                      | 1884                           | Ottawa, Ont.                          | 72 6  | 18 8  | 6 4  | 80                              | 59   | 4 sc.   | Riordan Pulp & Paper Co., Ltd., Montreal, Que.  |
| 85598        | Gloom                           | Victoria                                    | 1919                           | Uxalest, B.C.                         | 40 8  | 9 5   | 4 2  | 13                              | 9  | 1 1/2 sc.   | Matakechi Uyama, Uxalest, B.C.  |
| 141154       | Gloose                          | Kingston                                    | 1908                           | Kingston, Ont.                        | 38 2  | 8 6   | 3 7  | 9                               | 6  | 8 sc.   | Frank Stanton and Geo. T. Stanton, Sparrow Lake, Ont.                                 |
| 129632       | Go Now                          | Kingston                                    | 1918                           | Gananoque, Ont.                       | 22 2  | 4 9   | 1 9  | 1                               | 1  | 1 sc.   | George H. Funnell, Gananoque, Ont.  |
| 141029       | Golden Stream                   | Vancouver                                   | 1918                           | Vancouver, B.C.                       | 28 8  | 9 8   | 4 1  | 11                              | 7  | 3 sc.   | The Riverton Fish Co., Ltd., Gimli, Man.  |
| 134252       | Goldfield                       | Winnipeg                                    | 1912                           | Selkirk, Man.                         | 75 4  | 15 9  | 6 0  | 56                              | 38   | 13 sc.  | Pacific Mills, Ltd., 814 Standard Bank Bldg., Vancouver, B.C.                         |
| 134094       | Goleas                          | Vancouver                                   | 1914                           | Vancouver, B.C.                       | 37 0  | 10 3  | 4 5  | 13                              | 9  | 1 sc.   | Louis Verreault, M.O., Petite Mechins, Que.   |
| 141009       | Golf St. Laurent                | Quebec                                      | 1919                           | Petite Mechins, Que.                  | 84 2  | 25 4  | 8 0  | 112                             | 81   | 53 sc.  | Louis Verreault, M.O., Petite Mechins, Que.   |
| 75819        | Goliath                         | Halifax                                     | 1883                           | Philadelphia, Pa., U.S.A.             | 83 4  | 18 4  | 14 7   | 147                             | 100  | 200 sc.   | Wm. McFatridge, Halifax, N.S.   |



ALPHABETICAL List of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—*Joint Owners*—propriétaires conjoints; *M.O.*—Managing owner—propriétaires gérant; *Pa.*, *Paddle*—à aubes; *Sc.*, *Screw*—à hélice.  
 Equipés avec Wireless—Muni de la T.S.F.—Names of Motor Vessels in italics—Les noms des vaisseaux à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths. | Breadth in feet and 10ths. | Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths. | Gross Tonnage.<br>Protondeur en pieds et 10 <sup>es</sup> . | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.                          | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|------------------------|---------------------------------------|---------------------------|----------------------------|--|--------------------------|---|--|--|---|
| 97071        | Gulmers                         | Ottawa                                      | 1883                   | Scotstoun, Glasgow, G.B.              | 137 0                     | 29 5                       | 13 6                                   | 4 2                      | 362   | 106  | 64 sc.   | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 130757       | Gunbird                         | Vancouver                                   | 1906                   | Quebec Harbour, U.S.A.                | 61 0                      | 12 7                       | 5 1                                    | 2 7                      | 27  | 18   | 10 sc.   | The Minister of Public Works, Ottawa, Ont.  |
| 125002       | Guiana                          | Montreal                                    | 1907                   | Sunderland, G.B.                      | 315 0                     | 44 2                       | 24 8                                   | 3,657                    | 2,294   | 444 sc.                                    | Quebec Steamship Co. Board of Trade Bldg., Montreal, Que.        |   |
| 98982        | Guide                           | Montreal                                    | 1891                   | Dunbarton, G.B.                       | 114 3                     | 21 0                       | 11 4                                   | 13 6                     | 82  | 24 sc.                                     | 24 sc.   | Gulf of St. Lawrence Shipping & Trading Co., Ltd., 117 Mount-ain Hill, Que.           |
| 138605       | Guller                          | New Westminster                             | 1917                   | Steveston, B.C.                       | 40 0                      | 9 0                        | 4 0                                    | 1 1                      | 11  | 0  | 1 sc.  | Yashio Market, Steveston, B.C.  |
| 138892       | Guadalupe                       | Vancouver                                   | 1904                   | Seattle, Wash., U.S.A.                | 32 0                      | 9 2                        | 4 0                                    | 2 0                      | 7   | 1  | 1 sc.  | Charles C. Carter, Vancouver, B.C.  |
| 129150       | Gwamith                         | Ottawa                                      | 1910                   | Alphen-on-Rhine, Holland              | 87 4                      | 18 1                       | 9 0                                    | 4 9                      | 119   | 3  | 50 sc.   | Dunnell Dredging Co., Ltd., Ottawa, Ont.  |
| 117120       | Gypsum                          | Vancouver                                   | 1905                   | Vancouver, B.C.                       | 42 2                      | 12 5                       | 5 3                                    | 2 7                      | 18  | 3  | 3 sc.  | B.C. Mills, Tug & Barge Co., Ltd., Vancouver, B.C.                                    |
| 121733       | Gypsy                           | Vancouver                                   | 1905                   | Vancouver, B.C.                       | 18 5                      | 5 0                        | 2 1                                    | 1 1                      | 2   | 1  | 1 sc.  | Joseph P. Holope, Vancouver, B.C.   |
| 122609       | Gypsy Queen                     | Vancouver                                   | 1907                   | Vancouver, B.C.                       | 21 4                      | 6 1                        | 3 1                                    | 2 2                      | 2   | 2  | 1 sc.  | Joseph P. Bird, Vancouver, B.C.   |
| 134305       | H. A.                           | New Westminster                             | 1913                   | Steveston, B.C.                       | 33 0                      | 7 6                        | 3 3                                    | 3 6                      | 6   | 4  | 3 sc.  | Harry Ahrens, Crescent, B.C.  |
| 130406       | H. C. M. No. 1                  | Montreal                                    | 1868                   | Montreal, Que.                        | 81 0                      | 24 0                       | 8 2                                    | 135                      | 72  | 7 sc.                                      | Harbour Commissioners of Montreal, 57 Common St., Montreal, Que. |   |
| 130407       | H. C. M. No. 2                  | Montreal                                    | 1864                   | Montreal, Que.                        | 86 5                      | 24 8                       | 8 8                                    | 177                      | 107   | 7 sc.                                      | William J. Finn, Montreal, Que.                                  |   |
| 130408       | H. C. M. No. 6                  | Montreal                                    | 1873                   | Montreal, Que.                        | 84 0                      | 24 0                       | 7 7                                    | 168                      | 103   | 6 sc.                                      | Harbour Commissioners of Montreal, 57 Common St., Montreal, Que. |   |
| 130410       | H. C. M. No. 9                  | Montreal                                    | 1873                   | Montreal, Que.                        | 84 0                      | 24 0                       | 7 7                                    | 170                      | 105   | 6 sc.                                      | Harbour Commissioners of Montreal, 57 Common St., Montreal, Que. |   |
| 130411       | H. C. M. No. 10                 | Montreal                                    | 1875                   | Montreal, Que.                        | 92 0                      | 25 0                       | 8 5                                    | 172                      | 117   | 6 sc.                                      | Harbour Commissioners of Montreal, 57 Common St., Montreal, Que. |   |
| 130413       | H. C. M. No. 15                 | Montreal                                    | 1899                   | Montreal, Que.                        | 85 5                      | 27 6                       | 7 7                                    | 205                      | 125   | 8 sc.                                      | Harbour Commissioners of Montreal, 57 Common St., Montreal, Que. |   |
| 130414       | H. C. M. No. 16                 | Montreal                                    | 1899                   | Montreal, Que.                        | 85 5                      | 27 6                       | 7 7                                    | 205                      | 125   | 8 sc.                                      | Harbour Commissioners of Montreal, 57 Common St., Montreal, Que. |   |
| 130415       | H. C. M. No. 17                 | Montreal                                    | 1904                   | Montreal, Que.                        | 84 5                      | 27 5                       | 8 4                                    | 210                      | 129   | 8 sc.                                      | Harbour Commissioners of Montreal, 57 Common St., Montreal, Que. |   |
| 130416       | H. C. M. No. 18                 | Montreal                                    | 1904                   | Montreal, Que.                        | 81 5                      | 27 5                       | 8 4                                    | 210                      | 129   | 8 sc.                                      | Harbour Commissioners of Montreal, 57 Common St., Montreal, Que. |   |
| 125297       | H. C. P.                        | Canso                                       | 1911                   | Tancook Isd., N.S.                    | 43 6                      | 12 7                       | 6 8                                    | 18                       | 17  | 1 sc.                                      | 1 sc.  | Harry Cavanagh, M.O., Canso, N.S.   |
| 134300       | H. M. F.                        | New Westminster                             | 1908                   | Crescent, B.C.                        | 29 6                      | 8 6                        | 2 7                                    | 5                        | 4   | 4  | 1 sc.  | Howard M. Frazer, Crescent, B.C.  |

SESSIONAL PAPER No. 22

| No.    | Name               | Company              | Tonnage | Speed | Engine | Agent   | Notes |
|--------|--------------------|----------------------|---------|-------|--------|---|-------|
| 122001 | H. C. G.           | New Westminster      | 29 6    | 9 0   | 3 7    | Cyril H. Green and Frank Hatt, J.O., Elgin, B.C.                            |       |
| 75686  | H. C. Curtis       | Prescott             | 52 4    | 13 8  | 5 6    | W. H. Davis, Hawa, Ont.   |       |
| 141472 | H. F. Bronson      | Montreal             | 99 5    | 20 6  | 10 0   | Montreal Transportation Co., Ltd., 286 St. James St., Montreal, Que.        |       |
| 137928 | H. L. Friedl.      | Chatham, N.B.        | 36 0    | 12 0  | 4 7    | H. L. Frolet, Caraquet, N.B.  |       |
| 137982 | H. N. Jex          | Kingston             | 170 2   | 26 5  | 10 3   | John F. Sowards, Kingston, Ont.   |       |
| 138005 | H. Fors            | Port Arthur          | 71 0    | 15 5  | 5 0    | Geo. A. Van Order and Samuel Davis, J.O., Port Burwell, Ont.                |       |
| 131068 | H. Mason           | Lunenburg            | 41 0    | 10 4  | 5 2    | Hudson Mason, M.O., Eastern Point, N.S.                                     |       |
| 137996 | H. Poirer          | Poirerville, N.S.    | 30 0    | 10 3  | 5 7    | Isidore Poirer, Poirerville, N.S.   |       |
| 131017 | He-Ha              | Isle St. Louis, Que. | 51 2    | 15 0  | 6 0    | Joseph Pogg, Albertville, Que.  |       |
| 138424 | Habach             | Pasphebiac           | 45 0    | 10 3  | 3 3    | Robin Jones & Whitman, Ltd., Halifax, N.S.                                  |       |
| 116764 | Haddington         | Toronto              | 256 0   | 42 6  | 15 0   | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.             |       |
| 138732 | Halsel             | New Westminster      | 33 6    | 8 6   | 3 6    | Carl Gulbransen, New Westminster, B.C.                                      |       |
| 121742 | Halde              | Vancouver            | 34 3    | 10 8  | 5 0    | Charles B. Stahlshmidt, Vancouver, B.C.                                     |       |
| 138392 | Haca               | Lunenburg            | 45 4    | 11 0  | 5 6    | Collins Heisler, M.O., Toronto, Ont.  |       |
| 94686  | Hadero H.          | Collingwood          | 34 0    | 9 0   | 3 8    | Sir John A. Boyd, Toronto, Ont.   |       |
| 121701 | Haleva             | Toronto              | 51 0    | 8 7   | 3 0    | St. George Easton and Frank Heabenthal, Palmer Rapids, Ont.                 |       |
| 140928 | Haleva             | Ottawa               | 42 0    | 8 4   | 3 6    | Wells G. Easton and Frank Heabenthal, Palmer Rapids, Ont.                   |       |
| 126891 | Half Moon          | Vancouver            | 38 6    | 9 2   | 4 8    | Star Gas Trading Co., Ltd., Heatley Ave. Wharf, Vancouver, B.C.             |       |
| 129590 | Hallfax            | Hallifax             | 125 1   | 48 1  | 12 5   | The Dartmouth Ferry Commission, Dartmouth, N.S.                             |       |
| 96715  | Hall               | Ottawa               | 102 8   | 25 5  | 7 4    | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                           |       |
| 122631 | Halle              | Kingston             | 25 8    | 6 0   | 3 2    | Samuel Anglin, Kingston, Ont.   |       |
| 138484 | Halvana            | New Westminster      | 49 6    | 11 4  | 5 2    | M. Kurahashi and T. Nakata, Steveston, B.C.                                 |       |
| 134464 | Hamborn            | Hallifax             | 229 1   | 35 8  | 14 9   | The Government of the Dominion of Canada, Ottawa, Ont.                      |       |
| 106342 | Hamilton           | Ottawa               | 131 4   | 39 5  | 7 3    | The Upper Ottawa Improvement Co., Ltd., 194 Middle St., Ottawa, Ont.        |       |
| 107408 | Hamilton H.        | Lindsay              | 36 5    | 10 4  | 3 6    | George Gooderham, M.O., Toronto, Ont.                                       |       |
| 107144 | Hamlin             | Vancouver            | 146 2   | 30 8  | 4 6    | Defiance Packing Co., Ltd., 1416 Standard Bank Bldg., Vancouver, B.C.       |       |
| 122553 | Hammonc            | Collingwood          | 349 7   | 50 0  | 24 0   | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.             |       |
| 121834 | Hampton            | St. John, N.B.       | 100 1   | 21 3  | 5 3    | Percy B. Belyue, St. John, N.B.   |       |
| 126614 | Hanaco             | Prince Rupert        | 40 2    | 11 4  | 4 5    | Emmons Brannen, Prince Rupert, B.C.   |       |
| 131184 | Handy Boy          | Peterborough, Ont.   | 34 0    | 12 8  | 5 2    | Toronto Harbour Commissioners, Toronto, Ont.                                |       |
| 107348 | Harbinger          | Amherst, N.S.        | 97 0    | 20 0  | 8 4    | Maritime Steamship Co., Ltd., Black's Harbour, N.B.                         |       |
| 117075 | Hardy              | Toronto              | 37 0    | 10 0  | 2 8    | W. E. Bigwood, Toronto, Ont.  |       |
| 133713 | Hardy Boy          | Vancouver            | 26 5    | 6 0   | 3 3    | Hermann Broving, Vancouver, B.C.  |       |
| 122580 | Harland            | Charlottetown        | 113 0   | 27 0  | 6 7    | Hedley V. Buntain and Isaac Coster, J.O., Charlottetown, P.E.I.             |       |
| 130304 | Haro               | Vancouver            | 106 1   | 25 6  | 12 4   | B.C. Mills, Tug & Barge Co., Ltd., Vancouver, B.C.                          |       |
| 138604 | Harock             | New Westminster      | 50 0    | 12 7  | 5 3    | Yoshimatsu Awa, Steveston, B.C.   |       |
| 116719 | Harold             | Quebec               | 31 4    | 9 4   | 3 2    | The News Pulp & Paper Co., Ltd., 263 St. James St., Montreal, Que.          |       |
| 96857  | Harold B. Phillips | Sarnia               | 59 0    | 16 0  | 8 0    | The C. S. Boone Dredging & Construction Co., Ltd., Toronto, Ont.            |       |
| 126531 | Harold Dollar      | Vancouver            | 376 5   | 52 2  | 23 5   | Dollar Steamship Lines, Limited, 1112 Standard Bank Bldg., Vancouver, B.C.  |       |
| 94845  | Harold Gauthier    | Windsor, Ont.        | 36 0    | 9 0   | 4 2    | O. F. Fleming, Windsor, Ont.  |       |
| 136781 | Harriet E.         | Victoria             | 75 0    | 18 0  | 8 5    | Sooke Harbour Fishing and Packing Co., Ltd., Bastion Square, Victoria, B.C. |       |
| 126053 | Harrison           | Owen Sound           | 120 0   | 22 2  | 10 6   | John Harrison & Sons Co., Ltd., Owen Sound, Ont.                            |       |
| 126553 | Harrison Princess  | Vancouver            | 22 5    | 2 0   | 3 3    | The Harrison Hot Springs Co., Ltd., Harrison Hot Springs, B.C.              |       |
| 126547 | Harrison Queen     | Vancouver            | 28 3    | 8 2   | 3 5    | Geo. H. Deighton, Myrtle Point, B.C.  |       |
| 134268 | Harry A.           | Midland              | 31 5    | 11 3  | 3 8    | Joseph M. Syer, Midland, Ont.   |       |

Formerly "Strathaird"

Formerly "Mineta"

Formerly a sailing vessel.

Formerly "Margaret"

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations: **J.O.**, Joint Owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.  
 © Equipped with Wireless Muni de la T.S.F.—Names of Motor Vessels in italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built<br>Construit | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10ths. | Breadth in feet and 10ths.<br>Largeur en pieds et 10ths. | Depth in feet and 10ths.<br>Profondeur en pieds et 10ths. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>C.V. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|--------------------|---------------------------------------|--|--|---|---------------------------------|--|--|---|
| 90732        | Harry Baird.                    | Godolich.                                   | 1885               | Kincardine, Ont.                      | 61 0   | 17 0   | 6 0   | 42                              | 25   | 25 sc.   | Jas. Leighton, Port Elgin, Ont.   |
| 138250       | Harry P.                        | Lambourg                                    | 1896               | Tanook, N.S.                          | 41 4   | 10 7   | 5 6   | 21                              | 11   | 1 sc.  | Harry Publicover and Arthur Zink, Blandford, N.S.                                     |
| 130918       | Harry S.                        | Vancouver                                   | 1897               | Seattle, Wash., U.S.A.                | 44 1   | 14 0   | 5 7   | 20                              | 14   | 8 sc.  | Rupert W. B. Prohrend and David A. Dunbar, J.O., Vancouver, B.C.                      |
| 141811       | Hariga                          | Vancouver                                   | 1920               | Vancouver, B.C.                       | 34 8   | 9 5  | 4 5   | 12                              | 8  | 2 sc.  | Yoshioji Maeda, Prince Rupert, B.C.   |
| 14984        | Harvey                          | Waldenburg                                  | 1904               | Willesport, Ont.                      | 26 0   | 10 7   | 4 6   | 11                              | 4  | 1 sc.  | Harvey Arnold, Willesport, Ont.   |
| 133784       | Harvey & Radph                  | St. Andrews                                 | 1913               | Shedburne, N.S.                       | 57 5   | 14 0   | 6 6   | 35                              | 24   | 2 sc.  | Hammonds, G. and Mann, N.B.   |
| 130372       | Harwood                         | Peterboro                                   | 1909               | Peterboro, Ont.                       | 26 0   | 9 0  | 3 4   | 23                              | 15   | 2 sc.  | The Minister of Railways and Canals, Ottawa, Ont.                                     |
| 122560       | Hattie Bell                     | Peterboro                                   | 1907               | Bridgenorth, Ont.                     | 40 1   | 8 0  | 3 0   | 8                               | 5  | 1 sc.  | Mrs. Hattie Bell, et al., Bridgenorth, Ont.   |
| 130345       | Hattie J.                       | Charlottetown                               | 1894               | St. John's, N.S.                      | 38 0   | 15 2   | 3 9   | 19                              | 15   | 2 sc.  | Wm. H. Aitken, M.O., Charlottetown, P.E.I.  |
| 130242       | Hattie M                        | Liverpool                                   | 1907               | Full R.V., N.S.                       | 27 7   | 10 4   | 5 6   | 9                               | 8  | 1 sc.  | Arthur G. Pentz, Beachwood, N.S.  |
| 134292       | Hawdasa                         | New Westminster                             | 1914               | Shedburne, N.S.                       | 57 6   | 9 0  | 4 2   | 10                              | 7  | 1 sc.  | London's Slat, Stoveston, B.C.  |
| 130857       | Haysport I.                     | Vancouver                                   | 1912               | Vancouver, B.C.                       | 59 0   | 16 2   | 8 2   | 50                              | 34   | 4 sc.  | Deep C. Fisheries, Ltd., Westholme Theatre Bldg., Prince Rupert, B.C.                 |
| 131127       | Haysport No. 2                  | New Westminster                             | 1906               | Seattle, Wash., U.S.A.                | 64 5   | 17 6   | 8 4   | 40                              | 21   | 3 sc.  | Mrs. Helen McNulty and Arthur Oswald, Prince Rupert, B.C.                             |
| 106823       | Hazard                          | Port Dover                                  | 1892               | Simcoe, Ont.                          | 62 7   | 11 7   | 6 7   | 34                              | 23   | 5 sc.  | E. Harris, Port Dover, Ont.   |
| 191735       | Hazel                           | Vancouver                                   | 1906               | Vancouver, B.C.                       | 29 0   | 5 3  | 2 5   | 2                               | 2  | 1 sc.  | Ernest S. Wilbrand, Vancouver, B.C.   |
| 141710       | Hazel B.                        | Ottawa                                      | 1901               | North Bay, Ont.                       | 65 0   | 17 1   | 5 6   | 40                              | 25   | 2 sc.  | Wm. T. Windsor, Callender, Ont.   |
| 141059       | Hazel C.                        | Lambourg                                    | 1911               | Tysook, Ont.                          | 40 8   | 10 8   | 5 2   | 12                              | 11   | 1 sc.  | Donald Cleveland, M.O., Indian Harbour, N.S.  |
| 136874       | Hazel E.                        | Halifax                                     | 1900               | Oaks Head, N.S.                       | 41 8   | 11 5   | 5 4   | 14                              | 13   | 3 sc.  | Mrs. Levy, Ows Head, N.S.   |
| 137883       | Hazel F.                        | Lambourg                                    | 1916               | Lambourg, N.S.                        | 42 0   | 11 5   | 5 1   | 12                              | 11   | 1 sc.  | Robert S. Mackay, Bunsbury, P.E.I.  |
| 134205       | Hazel G.                        | Charlottetown                               | 1915               | Barnshaw, P.E.I.                      | 40 9   | 13 0   | 4 7   | 12                              | 8  | 1 sc.  | The Union Fish Co. Ltd., Little Harbour, N.S.   |
| 126666       | Hazel S.                        | Shedburne                                   | 1910               | Alfordville, N.S.                     | 39 6   | 11 4   | 4 4   | 16                              | 11   | 1 sc.  | Benjamin Cunningham, et al., Cape Sable Isd., N.S.                                    |
| 107613       | Hebron                          | Montreal                                    | 1890               | Richdon, Ont.                         | 50 1   | 16 7   | 7 2   | 29                              | 25   | 7 sc.  | La Traversée de Québec, Limitée, Québec, Que.   |
| 138413       | Hecla                           | Winnipeg                                    | 1908               | Ottawa, Ont.                          | 107 2  | 24 2   | 8 2   | 194                             | 125  | 2 sc.  | The Minister of Public Works, Ottawa, Ont.  |
| 122381       | Heetmaog                        | Sydney, N.S.                                | 1902               | Toronto, Ont.                         | 42 5   | 11 2   | 4 5   | 19                              | 13   | — sc.  | Dr. Horace Rhindress, North Sydney, N.S.  |
|              |                                 |   |                    | U.S.A.                                | 30 0   | 7 0  | 2 8   | 2                               | 2  |  |   |



SESSIONAL PAPER No. 22

| 103363 <sup>1</sup> | Hector.....            | 1898 | 53 0   | 15 8 | 5 7  | 21    | 14  | 12 se.  | Montreal Sand & Gravel Co., Ltd., Montreal, Que.                                  |
|---------------------|------------------------|------|--------|------|------|-------|-----|---------|---|
| 112051              | Hector.....            | 1903 | 67 5   | 16 6 | 9 9  | 66    | 45  | 13 se.  | Michael J. Hogan, Montreal, Que.  |
| 134577              | Helac.....             | 1915 | 43 0   | 11 0 | 5 3  | 25    | 17  | 3 se.   | The Vancouver Dredging and Salvage Co., Ltd., 427 Seymour St., Vancouver, B.C.    |
| 121037              | Helen A.....           | 1906 | 25 6   | 8 2  | 3 7  | 3     | 2   | 3 se.   | Henry Louis Bastien, Hamilton, Ont.   |
| 144333              | Helen A.....           | 1919 | 33 6   | 8 6  | 2 7  | 8     | 5   | 1 se.   | Gus. Alto, Steveston, B.C.  |
| 126463              | Helen Anita.....       | 1909 | 42 8   | 11 3 | 4 4  | 19    | 9   | 2 se.   | John W. Stewart, Matheson, Ont.   |
| 130894              | Helen F.....           | 1910 | 32 0   | 9 3  | 3 5  | 8     | 4   | 1 se.   | Edward J. J. Cross, Victoria, B.C.  |
| 131094              | Helen G. McLean.....   | 1913 | 64 0   | 17 7 | 7 7  | 37    | 33  | 3 se.   | Fred C. McLean, M.O., Port Saxon, N.S.  |
| 112228              | Helen Glasier.....     | 1903 | 40 2   | 11 5 | 4 9  | 17    | 11  | 6 se.   | The St. John River Log Driving Co., Devon, N.B.                                   |
| 103020              | Helen M.....           | 1895 | 64 0   | 21 6 | 7 2  | 67    | 62  | 1 se.   | Lorne and Perry Winters, Parrsboro, N.S.  |
| 134400              | Helen M. Coplen.....   | 1914 | 97 6   | 25 0 | 10 0 | 118   | 77  | 5 se.   | William Duff, Lunenburg, N.S.   |
| 100544              | Helen Mad.....         | 1896 | 43 5   | 15 6 | 6 1  | 27    | 26  | 3 se.   | Howard Jenney, Jeddore, N.S.  |
| 134543              | Helen R.....           | 1915 | 38 4   | 10 0 | 3 3  | 11    | 7   | 3 se.   | Gco. Gordon & Co., Ltd., Cache Bay, Ont.  |
| 121914              | Helen S.....           | 1906 | 38 0   | 8 0  | 4 0  | 13    | 9   | 1 se.   | John William Short, Kenora, Ont.  |
| 107695              | Helen S.....           | 1899 | 81 0   | 16 2 | 9 5  | 86    | 58  | 17 se.  | The Collins Inlet Lumber Co., Ltd., Toronto, Ont.                                 |
| 122280              | Helen and Hilda.....   | 1908 | 40 0   | 13 5 | 6 3  | 16    | 12  | 1 se.   | Maxim Felix Boudreau, Inkerman, N.B.  |
| 133678              | Helen Viola.....       | 1916 | 42 8   | 11 6 | 6 7  | 14    | 13  | 3 se.   | Dennis Pearl, Tancook, N.S.   |
| 122120              | Helen.....             | 1906 | 39 0   | 9 0  | 4 8  | 13    | 9   | 3 se.   | George E. Francklyn, Jr., Halifax, N.S.   |
| 133758              | Helen.....             | 1907 | 108 8  | 23 3 | 14 0 | 299   | 204 | 81 se.  | The Minister of Public Works, Ottawa, Ont.  |
| 122078              | Helen.....             | 1906 | 25 5   | 6 2  | 2 7  | 3     | 2   | 1 se.   | Henry Louis Bastien, Hamilton, Ont.   |
| 72672               | Helen.....             | 1877 | 34 1   | 11 4 | 4 3  | 11    | 6   | 1 se.   | Jas. Cessford, Victoria, B.C.   |
| 131114              | Henri R.....           | 1901 | 78 3   | 25 1 | 5 7  | 101   | 63  | 43 se.  | Alexander McKay, Quebec, Que.   |
| 134460              | Henrietta Stewart..... | 1915 | 56 0   | 14 5 | 6 9  | 53    | 32  | 6 se.   | Canadian Stewart Co., Ltd., 713 Dominion Bank Bldg., Toronto, Ont.                |
| 138094              | Henry B. Hird.....     | 1881 | 220 0  | 35 0 | 17 6 | 1,190 | 618 | 35 se.  | Fairhaven Transportation and Coal Co., Ltd., 42 St. Sacrament St., Montreal, Que. |
| 122026              | Hjt. D. Davis.....     | 1907 | 57 3   | 18 1 | 7 6  | 38    | 29  | 2 se.   | John C. Douglas, Glace Bay, N.S.  |
| 133738              | Henry F. Jelly.....    | 1915 | 90 0   | 16 5 | 6 8  | 31    | 21  | 9 se.   | Nathan Smith Cornell, Port Stanley, Ont.  |
| 126058              | Henry Pedwell.....     | 1909 | 90 0   | 19 6 | 9 6  | 186   | 127 | 22 se.  | John Tackaberry, Lions Head, Ont.   |
| 141574              | Herbert Green.....     | 1916 | 116 0  | 28 4 | 10 6 | 283   | 205 | 163 se. | Wibert and Joseph Salters, North Sydney, N.S.                                     |
| 129261              | Herbert M.....         | 1908 | 51 0   | 12 1 | 4 3  | 44    | 27  | 6 se.   | Chas. Mickle, Gravenhurst, Ont.   |
| 116607              | Hercule.....           | 1904 | 58 0   | 15 1 | 7 5  | 45    | 28  | 16 se.  | Canadian Sand & Gravel Co., Ltd., Montreal, Que.                                  |
| 122473              | Hercule.....           | 1905 | 39 0   | 8 6  | 3 3  | 15    | 10  | 1 se.   | Maurice Bernard, Astorville, Ont.   |
| 130648              | Hercules.....          | 1911 | 50 0   | 20 3 | 4 3  | 30    | 19  | 2 pa.   | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                              |
| 122217              | Hercules.....          | 1906 | 100 20 | 23 1 | 11 6 | 234   | 137 | 65 se.  | The Minister of Public Works, Ottawa, Ont.  |
| 107105              | Hercules.....          | 1898 | 79 5   | 14 8 | 5 9  | 66    | 44  | 17 se.  | Forest Mills of British Columbia, Ltd., Revelstoke, B.C.                          |
| 138697              | Hermosa.....           | 1915 | 37 8   | 13 4 | 5 2  | 26    | 18  | 2 se.   | Gulf Islands Fishing & Canning Co., Ltd., 601 North West Bldg., Vancouver, B.C.   |
| 122453              | Hero.....              | 1907 | 54 3   | 15 6 | 5 7  | 32    | 22  | 63 se.  | Geo. A. McLeod, Halifax, N.S.   |
| 133861              | Hero No. 1.....        | 1902 | 50 4   | 14 9 | 6 2  | 31    | 21  | 13 se.  | Pacific Mills, Ltd., 510 Hastings St., Vancouver, B.C.                            |
| 134126              | Heron Wing.....        | 1913 | 50 0   | 11 3 | 4 7  | 23    | 16  | 2 se.   | The Minister of Marine and Fisheries, Ottawa, Ont.                                |
| 130747              | Hesquid.....           | 1901 | 26 5   | 8 6  | 3 0  | 12    | 8   | 3 se.   | Geo. W. Larkin and Claude F. Leigh, J.O., Prince Rupert, B.C.                     |
| 111956              | Hiawatha.....          | 1901 | 48 6   | 10 6 | 4 0  | 22    | 18  | 12 pa.  | R. Kennedy, M.O., Lindsay, Ont.   |
| 163801              | Hiawatha.....          | 1904 | 92 7   | 24 6 | 6 3  | 49    | 34  | 8 se.   | T. R. Powell and J. R. Christie, Fisher's Grant, N.S.                             |
| 72822               | Hiawatha.....          | 1874 | 91 3   | 16 0 | 7 6  | 163   | 111 | 150 se. | Sarnia Tug & Transit Co., Ltd., Sarnia, Ont.                                      |
| 100768              | Hiawatha.....          | 1895 | 56 0   | 13 3 | 6 3  | 46    | 31  | 8 se.   | Royal Canadian Yacht Club, Toronto, Ont.  |
| 121704              | Hiawatha.....          | 1905 | 49 0   | 10 6 | 3 7  | 27    | 18  | 2 se.   | T. B. Croucher and A. Croucher, J.O., Port Carling, Ont.                          |
| 121727              | Hiawatha.....          | 1901 | 20 0   | 7 5  | 3 3  | 5     | 3   | 1 se.   | T. F. Barton, Vancouver, B.C.   |
| 82314               | Hiawatha.....          | 1882 | 132 3  | 21 3 | 8 0  | 230   | 117 | 225 se. | J. A. Farquhar, Halifax, N.S.   |
| 88568               | High Rock (The).....   | 1885 | 41 6   | 10 0 | 3 9  | 8     | 5   | 15 se.  | Thomas Wilson, Montreal, Que.   |

Formerly a sailing vessel. Formerly "Harvey H." Formerly "Charles Lemeke." Formerly "Elizabeth." Foreign name "Herc." "Heron."

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—*Abbreviations*: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Paddle—à aubes; Sc., Screw—à hélice. ©Equipped with Wireless—Muni de la T.S.F.—Noms de Motor Vessels in italics—Les noms de vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire.      | Port of Registry.<br>Port d'enregistrement. | Built.<br>Constructé en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10ths. | Breadth in feet and 10ths.<br>Largeur en pieds et 10ths. | Depth in feet and 10ths.<br>Profondeur en pieds et 10ths. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en chevaux et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|--------------------------------------|---|-------------------------|---------------------------------------|--|--|---|---------------------------------|--|---|---|
| 107708       | <i>HIGHLAND Belle</i>                | Ottawa                                      | 1900                    | Ottawa, Ont.                          | 75 0   | 16 8   | 5 2   | 50                              | 31   | 3 sc.   | The Lake Nipissing Shipping & Transportation Co., Ltd., Toronto, Ont.                 |
| 80850        | <i>HIGHLAND Mary</i>                 | Halifax                                     | 1880                    | Shelburne, N.S.                       | 68 8   | 22 0   | 7 0   | 74                              | 50   | 180 sc.   | The Halifax Dredging Co., Ltd., Halifax, N.S.   |
| 138039       | <i>HIGHLANDer</i>                    | Barrington Passage                          | 1917                    | Port Clyde, N.S.                      | 42 8   | 12 2   | 5 0   | 19                              | 15   | 1 sc.   | Wm. S. Davidson, Halifax, N.S.  |
| 134580       | <i>Hiker</i>                         | New Westminster                             | 1915                    | Steveston, B.C.                       | 32 3   | 8 4  | 3 7   | 8                               | 6  | 1 sc.   | Gorokichi Shimizu, Evans Quay, B.C.   |
| 141530       | <i>Hiker II</i>                      | New Westminster                             | 1919                    | Steveston, B.C.                       | 34 4   | 8 2  | 4 0   | 8                               | 5  | 1 sc.   | Kanjuro Mimamide, Steveston, B.C.   |
| 141331       | <i>Hiker III</i>                     | New Westminster                             | 1919                    | Steveston, B.C.                       | 37 2   | 8 6  | 4 0   | 9                               | 6  | 1 1/2 sc.   | Shinzemon Shimoda, Steveston, B.C.  |
| 141532       | <i>Hiker IV</i>                      | New Westminster                             | 1919                    | Steveston, B.C.                       | 34 4   | 8 2  | 4 0   | 8                               | 5  | 1 sc.   | Mori Mimamide, Steveston, B.C.  |
| 116783       | <i>Hilda</i>                         | Vancouver                                   | 1904                    | Vancouver, B.C.                       | 58 0   | 13 4   | 6 3   | 33                              | 23   | 8 sc.   | Arthur G. Blackwell, Vancouver, B.C.  |
| 122239       | <i>Hilda Breanen</i>                 | Liverpool                                   | 1908                    | Port Clyde, N.S.                      | 29 2   | 12 0   | 4 9   | 10                              | 10   | 3 sc.   | Merrill F. and Boardman H. Peitz, I.O., Reach Meadows, N.S.                           |
| 97079        | <i>Hillsborough</i>                  | Charlottetown                               | 1891                    | St. Stewart, P.E.I.                   | 105 0  | 25 0   | 8 4   | 229                             | 75   | 30 1/2 hp.  | The Government of Prince Edward Island, Charlottetown, P.E.I.                         |
| 141146       | <i>Hillside I</i>                    | Victoria                                    | 1917                    | Tacoma, Wash., U.S.A.                 | 50 5   | 15 0   | 6 8   | 36                              | 19   | 34 sc.  | Sooke Harbour Fishing & Packing Co., Ltd., Bastion Square, Victoria, B.C.             |
| 130252       | <i>Hiluna</i>                        | Windsor, N.S.                               | 1903                    | Mount Denson, N.S.                    | 55 6   | 14 0   | 6 0   | 31                              | 21   | 13 sc.  | Wm. N. McKinlay, Mount Denson, N.S.   |
| 134437       | <i>Hina H</i>                        | Vancouver                                   | 1914                    | Vancouver, B.C.                       | 34 0   | 8 5  | 4 3   | 11                              | 8  | 1 sc.   | Richard Pemberton, Vancouver, B.C.  |
| 134165       | <i>Hippolyta II</i>                  | Yarmouth                                    | 1915                    | Comeauville, N.S.                     | 46 4   | 12 0   | 4 0   | 15                              | 11   | 1 sc.   | Charles J. Hanley, Yarmouth, N.S.   |
| 126795       | <i>Hiram Robinson</i>                | Ottawa                                      | 1910                    | Sand Point, Ont.                      | 110 0  | 23 6   | 6 7   | 203                             | 118  | 37 sc.  | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                                  |
| 126795       | <i>Hiteki</i>                        | New Westminster                             | 1910                    | Vancouver, B.C.                       | 37 6   | 8 8  | 3 9   | 10                              | 7  | 2 sc.   | Yonekichi Nakamichi, Steveston, B.C.  |
| 134307       | <i>Hitar</i>                         | New Westminster                             | 1911                    | Steveston, B.C.                       | 35 0   | 8 0  | 3 4   | 8                               | 5  | 3 sc.   | Antoine Tjian, Port Guelchon, B.C.  |
| 140903       | <i>Hiva</i>                          | Vancouver                                   | 1918                    | Steveston, B.C.                       | 47 9   | 13 7   | 5 2   | 36                              | 19   | 3 sc.   | Gosse-Millard, Packing Co., Ltd., 507 Hastings St. W., Vancouver, B.C.                |
| 126346       | <i>Hobo</i>                          | Barrington Passage                          | 1911                    | Port Clyde, N.S.                      | 35 0   | 12 4   | 5 0   | 12                              | 12   | 3 sc.   | Philip T. Smith, Canso, N.S.  |
| 122818       | <i>Hochelaga</i> ©                   | Montreal                                    | 1912                    | Middlesbrough, G.B.                   | 375 3  | 52 6   | 27 6  | 4,061                           | 2,601                                      | 490 sc.   | Hochelaga Steamship Company, Ltd., 35 Bedford Row, Halifax, N.S.                      |
| 138074       | <i>Hochelaga</i> ①                   | Ottawa                                      | 1900                    | Leith, Scotland                       | 192 6  | 27 6   | 14 8  | 628                             | 427  | 116 sc.   | The Minister of the Naval Service, Ottawa, Ont.                                       |
| 102730       | <i>Hocking</i>                       | Halifax                                     | 1885                    | West Hartlepool, G.B.                 | 304 0  | 44 0   | 20 7  | 2,554                           | 1,622                                      | 240 sc.   | The Government of the Dominion of Canada, Ottawa, Ont.                                |
| 121717       | <i>Hokushimaru</i>                   | Vancouver                                   | 1904                    | Steveston, B.C.                       | 34 5   | 13 0   | 3 8   | 19                              | 13   | 1 sc.   | Joseph W. Chappell, Vancouver, B.C.   |
| 117077       | <i>Holland &amp; Graves</i> , No. 3. | Toronto                                     | 1905                    | Simcoe, Ont.                          | 41 0   | 10 0   | 4 0   | 30                              | 19   | 2 hp.   | W. E. Bigwood, Toronto, Ont.  |
| 117076       | <i>Holland &amp; Graves</i> , No. 4. | Toronto                                     | 1905                    | Simcoe, Ont.                          | 41 0   | 10 0   | 4 0   | 30                              | 19   | 2 hp.   | W. E. Bigwood, Toronto, Ont.  |
| 129684       | <i>Hollo</i>                         | Lancenburg                                  | 1911                    | Tancook, N.S.                         | 42 8   | 10 1   | 5 5   | 12                              | 11   | 1 sc.   | J. Ernst & Son, Ltd., Malhono Bay, N.S.   |
| 130547       | <i>Holly Leaf</i>                    | Vancouver                                   | 1911                    | Vancouver, B.C.                       | 56 6   | 14 2   | 5 1   | 24                              | 17   | 3 sc.   | H. Roll-Irving Co., Ltd., Vancouver, B.C.   |

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|        |  |                      |      |                               |       |      |      |       |       |           |   |
|--------|--|----------------------|------|-------------------------------|-------|------|------|-------|-------|-----------|---|
| 97001  | Home Rule.....                                   | Amherstburg.....     | 1880 | Thorold, Ont.....             | 74 9  | 17 0 | 9 1  | 81    | 45    | 13 sc...  | Frederick J. Trotter, Amherstburg, Ont.                                   |
| 138212 | Home Smith.....                                  | Midland.....         | 1901 | Lorain, O., U.S.A.....        | 346 0 | 48 0 | 24 0 | 3,495 | 2,526 | 151 sc... | The Algoma Central & Hudson Bay Railway Co., Sault Ste. Marie, Ont.       |
| 122165 | Homespun.....                                    | Vancouver.....       | 1907 | New Westminster, B.C.....     | 46 0  | 10 0 | 4 5  | 17    | 10    | 9 sc...   | George H. Jackson, Quatsino, B.C.   |
| 122397 | Honeymoon.....                                   | Vancouver.....       | 1892 | Ballard, Wash., U.S.A.....    | 51 4  | 13 7 | 5 7  | 38    | 26    | 1 sc...   | Gulf of Georgia Towing Co., Ltd., 1109 Sixth Ave. W., Vancouver, B.C.     |
| 111499 | Honfleur.....                                    | Quebec.....          | 1900 | St. Henri de Taillon, Que.    | 38 5  | 10 2 | 4 9  | 19    | 13    | 3 sc...   | Charles Potvin, St. Jérôme, Que.  |
| 103887 | Hong Kong.....                                   | New Westminster..... | 1897 | New Westminster, B.C.....     | 59 2  | 12 7 | 5 4  | 36    | 25    | 4 sc...   | A.A. Plummer Co., Ltd., et al., 207 Hastings St. W., Vancouver, B.C.      |
| 108242 | Honore.....                                      | Montreal.....        | 1899 | Verehères, B.C.....           | 51 8  | 12 7 | 4 9  | 22    | 15    | 3 sc...   | Lyon Cohen, Montreal, Que.  |
| 126560 | Hoo Hoo.....                                     | Vancouver.....       | 1904 | Vancouver, B.C.....           | 28 5  | 9 8  | 4 0  | 11    | 7     | 1 sc...   | Bertrand W. Sinclair, Vancouver, B.C.                                     |
| 103144 | Hope.....  | Quebec.....          | 1893 | Quebec, Que.....              | 44 6  | 11 0 | 4 2  | 19    | 7     | 16 sc...  | Quebec Towing and Transportation Co., Ltd., 46 St. James St. Quebec, Que. |
| 117007 | Hope.....  | Victoria.....        | 1902 | Richardson, Wash., U.S.A..... | 72 0  | 12 7 | 4 9  | 26    | 18    | 8 sc...   | Chas. F. Todd, Victoria, B.C.   |
| 88308  | Hope.....  | Victoria.....        | 1881 | Seaside, Wash., U.S.A.....    | 47 2  | 16 2 | 8 5  | 78    | 48    | 5 sc...   | Vancouver Island Towing Co., Ltd., Victoria, B.C.                         |
| 71252  | Hope.....  | Windsor, Ont.....    | 1870 | Detroit, Mich., U.S.A.....    | 95 0  | 35 0 | 8 5  | 170   | 116   | 150 sc... | The Buffalo & Fort Erie Ferry & Railway Co., Fort Erie, Ont.              |
| 130455 | Hope Transfer.....                               | New Westminster..... | 1908 | Vancouver, B.C.....           | 28 2  | 8 1  | 2 0  | 4     | 3     | 2 sc...   | Lake Gibson, Hope, B.C.   |
| 130294 | Hopkins.....                                     | Vancouver.....       | 1910 | Howe Sound, B.C.....          | 61 6  | 17 6 | 8 0  | 62    | 42    | 14 sc...  | Gordon S. Hopkins, et al., B.C.   |
| 141179 | Hori.....  | New Westminster..... | 1918 | Steveston, B.C.....           | 36 0  | 8 4  | 3 6  | 9     | 7     | 1 sc...   | Kanesaki Hori, Steveston, B.C.  |
| 134786 | Hori No. 2.....                                  | New Westminster..... | 1920 | Steveston, B.C.....           | 36 6  | 8 9  | 4 4  | 11    | 7     | 1 sc...   | Kanesaki Hori, Steveston, B.C.  |
| 126294 | Horn.....  | Canso.....           | 1909 | New Harbour, N.S.....         | 41 2  | 12 9 | 6 8  | 17    | 16    | 3 sc...   | Whitman Fish Co., Ltd., Canso, N.S.                                       |
| 116369 | Horton.....                                      | Goderich.....        | 1906 | Goderich, Ont.....            | 72 0  | 16 1 | 5 5  | 66    | 45    | 24 sc...  | William Mariton, Goderich, Ont.   |
| 131077 | Hote.....  | Lanenburg.....       | 1912 | Tanook, N.S.....              | 40 0  | 10 0 | 5 0  | 11    | 10    | 3 sc...   | Caldor Richards, West La Have, N.S.                                       |
| 126551 | Hosmer W.....                                    | Vancouver.....       | 1909 | Nelson, B.C.....              | 109 8 | 30 9 | 8 4  | 154   | 105   | 36 sc...  | Canadian Pacific Railway Co., Montreal, Que.                              |
| 133821 | Howard W.....                                    | Montreal.....        | 1891 | Green Bay, Wis., U.S.A.....   | 233 0 | 57 6 | 20 3 | 1,517 | 924   | 96 sc...  | Howard W. Limited, 83 Dalhousie St., Quebec, Que.                         |
| 133813 | Howard Stanley.....                              | Lanenburg.....       | 1913 | Tanook, N.S.....              | 43 5  | 12 0 | 6 0  | 16    | 15    | 1 sc...   | Peter A. Gray, Pennant, N.S.  |
| 140912 | Howe Sound.....                                  | Vancouver.....       | 1914 | Seymour Creek, B.C.....       | 30 9  | 8 4  | 3 7  | 8     | 5     | 1 sc...   | Stephen Cook, Alert Bay, B.C.   |
| 140919 | Howe Sound II.....                               | Vancouver.....       | 1918 | Vancouver, B.C.....           | 37 5  | 9 6  | 4 6  | 15    | 10    | 2 sc...   | Tsunakichi Sugiyama, Vancouver, B.C.                                      |
| 141440 | Howe Sound III.....                              | Vancouver.....       | 1909 | Vancouver, B.C.....           | 49 7  | 14 2 | 7 1  | 42    | 28    | 24 sc...  | Albert V. Gardner, Vancouver, B.C.  |
| 131072 | Howker.....                                      | Hallifax.....        | 1912 | Tanook, N.S.....              | 41 0  | 11 3 | 5 9  | 13    | 12    | 3 sc...   | Hiram Marryatt, Pennant, N.S.   |
| 138418 | Hubbo.....                                       | Winnipeg.....        | 1917 | Edmonton, Alta.....           | 35 0  | 7 5  | 2 7  | 5     | 3     | 2 sc...   | Hudsons Bay Co., 1 Line St., London, Eng.                                 |
| 100181 | Hudson.....                                      | Montreal.....        | 1881 | Sorel, Que.....               | 128 5 | 25 1 | 6 4  | 158   | 80    | 75 pa...  | Spencem, McNaughton Line, Ltd., Montreal, Que.                            |
| 107783 | Hudson.....                                      | Ottawa.....          | 1889 | Barry's Bay, Ont.....         | 73 5  | 17 0 | 3 3  | 45    | 37    | 60 pa...  | H. E. Hudson and J. C. Hudson, Barry's Bay, Ont.                          |
| 112332 | Hudson.....                                      | St. John, N.B.....   | 1903 | St. John, N.B.....            | 57 7  | 12 5 | 4 7  | 34    | 23    | 7 sc...   | The Minister of Marine and Fisheries, Ottawa, Ont.                        |
| 134248 | Hudson Bay Fer-<br>minals, Lighter<br>No. 1..... | Toronto.....         | 1914 | Toronto, Ont.....             | 122 0 | 21 5 | 9 0  | 268   | 129   | 19 sc...  | The Minister of Railways and Canals, Ottawa, Ont.                         |
| 134249 | Hudson Bay Fer-<br>minals, Lighter<br>No. 2..... | Toronto.....         | 1914 | Toronto, Ont.....             | 122 0 | 21 5 | 9 0  | 268   | 129   | 19 sc...  | The Minister of Railways and Canals, Ottawa, Ont.                         |
| 134441 | Hudson Bay Fer-<br>minals, Lighter<br>No. 3..... | Toronto.....         | 1914 | Toronto, Ont.....             | 122 0 | 21 5 | 9 0  | 268   | 129   | 19 sc...  | The Minister of Railways and Canals, Ottawa, Ont.                         |
| 122538 | Hugh Stalker.....                                | Collingwood.....     | 1910 | Collingwood, Ont.....         | 72 3  | 15 7 | 6 3  | 43    | 29    | 10 sc...  | George Stalker, Collingwood, Ont.   |
| 134336 | Huglianna.....                                   | Chatham, N.B.....    | 1914 | Caruque, N.B.....             | 36 0  | 10 9 | 5 3  | 13    | 11    | 1 sc...   | Joseph N. B. Sewell, Caruque, N.B.  |
| 130673 | Hughie V. L.....                                 | Vancouver.....       | 1910 | Little Tanook, N.S.....       | 39 6  | 10 2 | 5 4  | 21    | 10    | 3 sc...   | Rodgers Levy, Little Tanook, N.S.   |
| 138521 | Huldal O.....                                    | Vancouver.....       | 1917 | Lund, B.C.....                | 49 5  | 17 9 | 7 2  | 28    | 19    | 2 sc...   | James Orpana, Lund, B.C.  |
| 107459 | Hammer.....                                      | New Westminster..... | 1895 | Vancouver, B.C.....           | 26 1  | 7 2  | 3 0  | 12    | 5     | 2 sc...   | The Wurrzburg Co., Ltd., Vancouver, B.C.                                  |
| 140878 | Hamning Bird No. 2.....                          | New Westminster..... | 1918 | Steveston, B.C.....           | 42 8  | 9 8  | 4 7  | 15    | 10    | 2 sc...   | Gorokichi Nakamura, Steveston, B.C.                                       |
| 83343  | Hankitori.....                                   | Quebec.....          | 1881 | Quebec, Que.....              | 30 4  | 9 4  | 4 7  | 10    | 3     | 15 sc...  | James Murphy, Quebec, Que.  |
| 126084 | Hunter.....                                      | Kenora.....          | 1906 | Kenora, Ont.....              | 30 0  | 5 7  | 3 0  | 14    | 8     | 1 sc...   | H. H. Bodela, Kenora, Ont.  |
| 121965 | Hunter.....                                      | Kenston.....         | 1906 | Garncoque, Ont.....           | 37 0  | 5 7  | 3 2  | 14    | 9     | 1 pa...   | Charles T. Munroe, Gnanouque, Ont.  |
| 116765 | Hunter II.....                                   | Toronto.....         | 1894 | Sarnacoe, Ont.....            | 17 0  | 4 0  | 2 0  | 7     | 1     | 1 pa...   | The Ontario Lumber Co., Ltd., Toronto, Ont.                               |
| 107216 | Huron.....                                       | Kenora.....          | 1905 | Detroit, Mich., U.S.A.....    | 238 5 | 53 9 | 12 8 | 1,052 | 688   | 306 sc... | Grand Trunk Railway Co., Montreal, Que.                                   |
| 107108 | Huronic.....                                     | Collingwood.....     | 1873 | Point Edward, Ont.....        | 321 0 | 43 0 | 25 4 | 3,330 | 2,211 | 245 sc... | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.           |

†Formerly "Van Woodland." ‡Formerly "John Duncan."  
 †Formerly "Parklands." ‡Formerly "Wataras." †Formerly "Beaver"  
 †Formerly "William S. Mack." †Formerly "Beaver"

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

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| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built<br>Constructé en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10ths. | Breadth in feet and 10ths.<br>Largeur en pieds et 10ths. | Depth in feet and 10ths.<br>Profondeur en pieds et 10ths. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en c. v. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|------------------------|---------------------------------------|--|--|---|---------------------------------|--|---|---|
| 141064       | Huronion                        | Toronto                                     | 1898                   | Lorraine, O., U.S.A.                  | 28 0   | 42 0   | 22 4  | 2,072                           | 1,242                                      | 130 sc.   | Alfred E. Matthews, Toronto, Ont., and James Playfair, Midland, Ont., J.O.            |
| 130050       | <i>Hurrah</i>                   | Lanenburg                                   | 1912                   | Tancook, N.S.                         | 42 6   | 11 0   | 5 6   | 14                              | 13   | 5 sc.   | Mrs. Janet Richardson, Canso, N.S.  |
| 138040       | <i>Hurrah-Hurrah</i>            | Barrington Passage                          | 1917                   | Woods Harbour, N.S.                   | 37 0   | 9 3  | 4 3   | 12                              | 11   | 5 sc.   | Neville Canneries, Ltd. (Inc.), Halifax, N.S.   |
| 138541       | <i>Hurry-up</i>                 | Lanenburg                                   | 1917                   | Tancook, N.S.                         | 43 5   | 12 0   | 6 3   | 17                              | 16   | 5 sc.   | Alvin Stevens, Tancook, N.S.  |
| 137032       | <i>Husker</i>                   | Vancouver                                   | 1912                   | Winnipeg, Man.                        | 43 5   | 10 5   | 4 7   | 22                              | 15   | 2 sc.   | Margaret Ann McKenzie, Vancouver, B.C.  |
| 122516       | <i>Husler</i>                   | Vancouver                                   | 1907                   | Vancouver, B.C.                       | 57 0   | 14 0   | 6 4   | 44                              | 30   | 6 sc.   | John J. Hodder, Vancouver, B.C.   |
| 126615       | <i>Hydab</i>                    | Prince Rupert                               | 1910                   | Skidegate, B.C.                       | 33 1   | 9 8  | 3 7   | 8                               | 6  | 1 sc.   | Isaac Wilson, Skidegate, B.C.   |
| 88250        | <i>Hydra</i>                    | Deseronto                                   | 1892                   | Trenton, Ont.                         | 40 0   | 7 0  | 4 7   | 6                               | 4  | 3 sc.   | Seth Benson, Deseronto, Ont.  |
| 100400       | <i>Hygeia</i>                   | Sydney, N.S.                                | 1886                   | Lévis, Que.                           | 72 6   | 16 6   | 6 7   | 58                              | 39   | 21 sc.  | Cape Breton Electric Co., Ltd., Sydney, N.S.  |
| 142283       | <i>I. C. U.</i>                 | Dagby                                       | 1892                   | Yarmouth, N.S.                        | 25 5   | 7 5  | 3 5   | 4                               | 4  | 5 sc.   | H. W. Cann, Bridgetown, N.S.  |
| 130594       | <i>I Wonder Y</i>               | Liverpool                                   | 1912                   | Sambro, N.S.                          | 48 6   | 12 8   | 6 0   | 17                              | 16   | 5 sc.   | Arthur A. Payzant, Liverpool, N.S.  |
| 130612       | <i>Ianc.</i>                    | Victoria                                    | 1911                   | Port Simpson, B.C.                    | 38 7   | 9 2  | 3 7   | 13                              | 9  | 1 sc.   | Charles A. Gardner, Victoria, B.C.  |
| 133908       | <i>Iberville</i>                | Sorel                                       | 1887                   | Sorel, Que.                           | 86 3   | 17 7   | 10 3  | 34                              | 23   | 42 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 112807       | <i>Iceland</i>                  | Winnipeg                                    | 1904                   | The Narrows, Man.                     | 44 0   | 13 0   | 5 0   | 33                              | 25   | 2 sc.   | Helge Mattsson, The Narrows, Man.   |
| 100607       | <i>Iceland</i>                  | Lanenburg                                   | 1893                   | Sable River, N.S.                     | 39 5   | 14 6   | 6 7   | 19                              | 18   | 4 sc.   | Ewart Boutilier, Marriott's Cove, N.S.  |
| 144112       | <i>Ickjo</i>                    | Vancouver                                   | 1917                   | Steveston, B.C.                       | 26 0   | 7 6  | 3 4   | 6                               | 4  | 1 sc.   | Tomiechi Morisawa, Steveston, B.C.  |
| 130582       | <i>Idalus M</i>                 | Halifax                                     | 1911                   | West Chetzetcook, N.S.                | 32 0   | 11 6   | 3 4   | 6                               | 5  | 3 sc.   | Oliver L. Squires, North Sydney, N.S.   |
| 88564        | <i>Ida</i>                      | Ottawa                                      | 1884                   | Deseronto, Ont.                       | 95 6   | 20 6   | 6 2   | 141                             | 76   | 75 sc.  | J. T. Lemay and A. Roy, Hull, Que.  |
| 90559        | <i>Ida Bell</i>                 | Port Burwell                                | 1890                   | Clear Creek, Ont.                     | 28 0   | 7 0  | 3 2   | 6                               | 5  | 1 sc.   | C. C. Bates, Clear Creek, Ont.  |
| 134082       | <i>Ida Jane</i>                 | Vancouver                                   | 1912                   | Brookville, Ont.                      | 29 5   | 6 5  | 3 0   | 4                               | 2  | 1 sc.   | James C. Shields, Vancouver, B.C.   |
| 163488       | <i>Ida Luc</i>                  | Yarmouth                                    | 1896                   | Shelburne, N.S.                       | 61 0   | 13 6   | 6 7   | 45                              | 30   | 21 sc.  | The Nova Scotia Dredging Co., Ltd., Halifax, N.S.                                     |
| 96984        | <i>Idaho</i>                    | New Westminster                             | 1888                   | Idaho, U.S.A.                         | 36 5   | 9 0  | 3 8   | 6                               | 4  | 1 sc.   | Arthur Bunting, Bommer's Ferry, Idaho, U.S.A.   |
| 126373       | <i>Ideal</i>                    | Lanenburg                                   | 1909                   | Sambro, N.S.                          | 42 0   | 11 8   | 6 5   | 16                              | 15   | 5 sc.   | Bedford Young and Clarence Keady, J. O., Martins River, N.S.                          |
| 100135       | <i>Idell</i>                    | Winnipeg                                    | 1892                   | Selkirk, Man.                         | 70 2   | 16 5   | 6 0   | 54                              | 37   | 16 sc.  | Manitoba Transport Co., Ltd., Winnipeg, Man.  |
| 116845       | <i>Idell</i>                    | Ottawa                                      | 1904                   | Hawkesbury, Ont.                      | 61 0   | 17 6   | 4 4   | 51                              | 32   | 35 pa.  | The River Sand Co., Ltd., Montreal, Que.  |
| 111539       | <i>Idler</i>                    | Vancouver                                   | 1898                   | Vancouver, B.C.                       | 32 0   | 8 0  | 3 2   | 4                               | 2  | 2 sc.   | Stanley Membrick and Thos. J. Dunn, Arrowhead, B.C.                                   |
| 122535       | <i>Idono</i>                    | Kingston                                    | 1907                   | Gananoque, Ont.                       | 29 6   | 6 7  | 3 0   | 4                               | 3  | 1 sc.   | George H. Funnell, Gananoque, Ont.  |
| 141000       | <i>Idylse</i>                   | Toronto                                     | 1919                   | Gravenhurst, Ont.                     | 62 0   | 12 0   | 5 8   | 30                              | 7  | 4 sc.   | Thos. A. Duff, Toronto, Ont.  |
| 138494       | <i>Idi</i>                      | Montreal                                    | 1915                   | Canghwaung, Que.                      | 29 8   | 5 0  | 1 5   | 1                               | 1  | 3 sc.   | Angus O. Rice, Canghwaung, Que.   |
| 121722       | <i>Idi</i>                      | Vancouver                                   | 1905                   | Vancouver, B.C.                       | 32 0   | 10 2   | 5 1   | 15                              | 10   | 1 sc.   | Daniel McPherson, Prince Rupert, B.C.   |

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| 112298 | Winnipeg       | 1902 | Saskatoon, Man.            | 52 0  | 12 6 | 5 5    | 30     | 20     | 2 sc.     | The City of Winnipeg, Man.  |
|--------|----------------|------|----------------------------|-------|------|--------|--------|--------|-----------|---|
| 126466 | Hiderlin       | 1910 | Kingston, Ont.             | 57 0  | 9 6  | 4 5    | 18     | 12     | 8 sc.     | Rocert H. Verity, Toronto, Ont.                                     |
| 130553 | P'Laury        | 1911 | Vancouver, B.C.            | 37 0  | 9 3  | 4 5    | 14     | 9      | 2 sc.     | Ernest G. Aleock, Esquimalt, B.C.                                   |
| 100048 | Illecilvacnet  | 1897 | Brookville, Ont.           | 50 4  | 7 8  | 4 5    | 16     | 10     | 10 sc.    | Wm. T. Cassidy, Kingston, Ont.                                      |
| 126246 | Iloilo         | 1905 | Seattle, Wash., U.S.A.     | 51 5  | 11 4 | 4 0    | 23     | 14     | 3 sc.     | Vancouver Power Co., Ltd., Vancouver, B.C.                          |
| 126473 | Iles           | 1907 | Port Hawkesbury, N.S.      | 32 6  | 9 3  | 4 8    | 6      | 6      | 1 sc.     | John H. Winfield, Halifax, N.S.                                     |
| 99710  | Imbriearia     | 1893 | Beverley, G.B.             | 101 0 | 20 5 | 11 0   | 150    | 66     | 45 sc.    | Canadian Fishing Company, Limited, Gore Ave., Vancouver, B.C.       |
| 97331  | Imdo           | 1915 | Steveston, B.C.            | 28 0  | 7 4  | 3 4    | 4      | 3      | 3 sc.     | Washesi Oya, Vancouver, B.C.  |
| 122199 | Imp            | 1908 | New Westminster, B.C.      | 65 8  | 15 2 | 6 4    | 56     | 34     | 12 sc.    | John Duncan McNeil, Vancouver, B.C.                                 |
| 130860 | Impala         | 1912 | Vancouver, B.C.            | 47 7  | 11 0 | 5 7    | 25     | 17     | 2 sc.     | Northern B.C. Fisheries, Ltd., 101 Winch Bldg., Vancouver, B.C.     |
| 108346 | Imperial       | 1898 | Willington Quay, G.B.      | 200 0 | 32 0 | 14 4   | 796    | 412    | 130 sc.   | The Imperial Oil, Ltd., Sarnia, Ont.                                |
| 121945 | Imperial       | 1907 | Sorel, Que.                | 200 0 | 41 9 | 1, 008 | 8      | 8      | 382 pa.   | Alexander Desmarieux, Montreal, Que.                                |
| 126513 | Impetarse      | 1910 | Victoria, B.C.             | 38 4  | 10 9 | 4 8    | 14     | 8      | 13 sc.    | Frederick G. Dawson, Prince Rupert, B.C.                            |
| 185209 | Imperoyal      | 1913 | Grangemouth, G.B.          | 249 5 | 43 1 | 2, 253 | 1, 384 | 1, 384 | 157 sc.   | The Imperial Oil, Ltd., Sarnia, Ont.                                |
| 185238 | Imponco        | 1913 | Grangemouth, G.B.          | 249 5 | 43 1 | 19 7   | 2, 257 | 1, 383 | 157 sc.   | The Imperial Oil, Ltd., Sarnia, Ont.                                |
| 130744 | Imprayer       | 1910 | Seattle, Wash., U.S.A.     | 40 5  | 12 0 | 4 8    | 20     | 13     | 3 sc.     | Masset Timber Co., Ltd. (1919), 708 Pacific Bldg., Vancouver, B.C.  |
| 111577 | Ina            | 1901 | Toronto, Ont.              | 56 0  | 9 3  | 3 7    | 17     | 10     | 3 sc.     | Wm. J. Gage, Toronto, Ont.  |
| 116759 | Ina            | 1904 | Parry Sound, Ont.          | 53 0  | 10 8 | 5 6    | 24     | 18     | 6 sc.     | R. W. Damer, Parry Sound, Ont.                                      |
| 183822 | Indep'nt/mt II | 1908 | East Michias, Me., U.S.A.  | 59 4  | 16 8 | 6 0    | 82     | 21     | 1 sc.     | Thomas Z and Charles Spear, Pennfield Place, N.B.                   |
| 107735 | India          | 1899 | Garden Island, Ont.        | 215 9 | 36 4 | 15 0   | 976    | 573    | 118 sc.   | Montreal Transportation Co., Ltd., 14 Place Royale, Montreal, Que.  |
| 125971 | Indola         | 1905 | Toronto, Ont.              | 34 0  | 8 0  | 6      | 6      | 4      | 5 sc.     | Isaac N. Devins, Toronto, Ont.                                      |
| 121779 | Inenaw         | 1902 | Toronto, Ont.              | 86 5  | 18 0 | 7 7    | 109    | 46     | 13 sc.    | Hudson's Bay Co., London, Eng.                                      |
| 96906  | Ingonac        | 1890 | Carleton Place, Ont.       | 61 0  | 10 5 | 3 6    | 22     | 13     | 20 sc.    | Edmond Robinson, Valleyfield, Que.                                  |
| 183679 | Ingra H.       | 1918 | Prince Rupert, B.C.        | 37 0  | 6 3  | 5 2    | 15     | 6      | 13 sc.    | John Bergman, Prince Rupert, B.C.                                   |
| 126613 | Inlander       | 1910 | Victoria, B.C.             | 135 5 | 28 5 | 12 5   | 533    | 340    | 13 pa.    | Prince Rupert, Skeena Transportation Co., Ltd., Prince Rupert, B.C. |
| 121966 | Inn (The)      | 1905 | Gananoque, Ont.            | 25 0  | 5 6  | 2 2    | 2      | 1      | 3 sc.     | Frederick J. Henderson, Gananoque, Ont.                             |
| 134634 | Inonoklin      | 1915 | Edgewood, B.C.             | 39 5  | 10 7 | 4 4    | 19     | 13     | 1 sc.     | William J. Banting, Edgewood, B.C.                                  |
| 140882 | Instip         | 1918 | Vancouver, B.C.            | 52 6  | 14 2 | 6 0    | 42     | 16     | 3 sc.     | The Canadian Fish Co., Ltd., Gore Ave., Vancouver, B.C.             |
| 96849  | International  | 1872 | Fort Erie, Ont.            | 219 0 | 40 0 | 12 0   | 651    | 559    | 300 sc.   | Lake Erie and Detroit River Ry. Co., Walkerville, Ont.              |
| 107323 | Inverness      | 1895 | West Mystic, Conn., U.S.A. | 91 4  | 16 5 | 7 0    | 67     | 46     | 15 sc.    | E. M. Dickson, Louisburg, N.S.                                      |
| 133702 | Inverray       | 1912 | Vancouver, B.C.            | 42 0  | 9 8  | 4 8    | 16     | 11     | 13 sc.    | Edgar H. Crawford, Swanson Bay, B.C.                                |
| 141278 | Inez II        | 1920 | Porcher Isl., B.C.         | 36 0  | 12 7 | 6 0    | 19     | 10     | 2 sc.     | Headar Ness, Prince Rupert, B.C.                                    |
| 134514 | Iocoolta       | 1916 | Collingwood, Ont.          | 250 0 | 43 1 | 16 6   | 2, 080 | 1, 549 | 95 sc.    | The Imperial, Ltd., Sarnia, Ont.                                    |
| 132745 | Iofona         | 1912 | Dundee, G.B.               | 248 2 | 42 6 | 1, 669 | 1, 035 | 84     | 84 sc.    | The Imperial, Ltd., Sarnia, Ont.                                    |
| 122220 | Iola           | 1903 | Hamilton, Ont.             | 37 0  | 10 3 | 4 2    | 13     | 9      | 3 sc.     | Robert J. Lovell, et al., Toronto, Ont.                             |
| 132745 | Iolanta        | 1883 | Daversports, Mass., U.S.A. | 46 2  | 14 8 | 5 1    | 20     | 14     | 2 sc.     | Wallace H. Mitchell, Jeddore, N.S.                                  |
| 121338 | Iona           | 1904 | Meaford, Ont.              | 58 2  | 13 2 | 5 6    | 29     | 20     | 9 sc.     | Herbert A. Short, Port Stanley, Ont.                                |
| 100704 | Iola           | 1894 | Spanish River, Ont.        | 31 0  | 8 4  | 4 0    | 6      | 6      | 6 sc.     | G. Hamilton, Spanish River, Ont.                                    |
| 110544 | Iperita        | 1899 | Sturtevant, G.B.           | 340 2 | 45 0 | 23 0   | 3, 302 | 2, 147 | 290 sc.   | Alliance Steamship Co., Ltd., 179 St. James St., Montreal, Que.     |
| 133252 | Ipsis          | 1914 | Hong Kong                  | 63 0  | 13 0 | 7      | 38     | 14     | 9 sc.     | Powell River Co., Ltd., 804 Standard Bank Bldg., Vancouver, B.C.    |
| 122164 | Ipsool         | 1902 | Vancouver, B.C.            | 28 7  | 9 2  | 2 7    | 8      | 5      | 3 sc.     | Thomas E. Ford, Hornby Island, B.C.                                 |
| 103392 | Irene          | 1897 | Port Hawkesbury, N.S.      | 36 3  | 11 3 | 4 7    | 10     | 7      | 6 sc.     | South West Boom Co., Newcastle, N.B.                                |
| 92728  | Irene          | 1887 | Penetanguishene, Ont.      | 69 0  | 12 0 | 5 3    | 45     | 18     | 9 sc.     | Ira Hill, Midland, Ont.   |
| 11984  | Irene          | 1904 | Stauria Island, B.C.       | 29 0  | 50 0 | 3 0    | 2      | 2      | 1 sc.     | Al. Stee, Coal Island, B.C.   |
| 107943 | Irene          | 1892 | Hamilton, Ont.             | 23 3  | 6 0  | 2 2    | 3      | 7      | 4 sc.     | Harry Leslie, Port Colborne, Ont.                                   |
| 121832 | Irene          | 1904 | St. John, N.B.             | 37 9  | 8 0  | 3 5    | 10     | 5      | 13 sc.    | C. P. Starr, St. John, N.B.   |
| 1887   | Irene          | 1887 | Toronto, Ont.              | 42 0  | 8 0  | 4 5    | 7      | 7      | 3 sc.     | Geo. F. Oakley and T. H. Allen, J. O., Toronto, Ont.                |
| 116401 | Irene          | 1903 | Nakusp, B.C.               | 69 0  | 13 0 | 5 2    | 29     | 20     | 7 sc.     | The Canadian Pacific Lumber Co., Ltd., Port Moody, B.C.             |
| 140913 | Irene B.       | 1903 | Vancouver                  | 35 7  | 8 6  | 3 2    | 10     | 6      | 2 1/2 sc. | Fidel Laviolette, Broughton Isld., B.C.                             |

†Foreign name "Huron." †Formerly "Flossie S." †Formerly a sailing vessel.  
 ‡Foreign name "Independent." ‡Recovered wreck. ‡Formerly "Maude".  
 §Formerly "Emanuel Pycroft." §Formerly "Mimoco." §Formerly name "Lone Star".

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—Abréviations: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Paddle—à aubes; Sc., Screw—à hélice. © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in Italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire. | Part of Registry.<br>Port d'enregistrement. | Built.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths. | Breadth in feet and 10ths. | Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths. | Profondeur en pieds et 10 <sup>es</sup> . | Gross Tonnage. | Registered Tonnage. | Tonnage enregisté. | H.P. of Engines and Mode of Propulsion.  | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|------------------------|---------------------------------------|---------------------------|----------------------------|--|--------------------------|---|----------------|---------------------|--------------------|--|---|
| 1435397      | <i>Irex I</i>                   | St. John, N.B.                              | 1898                   | Trondola Point, N.B.                  | 22 9                      | 8 7                        | 2                                      | 8                        | 2   | 1              | 1                   | 1 se.              | Herbert W. Smyth, Capetown, S.A.   |   |
| 112200       | Iris                            | Hamilton                                    | 1903                   | Hamilton, Ont.                        | 47 0                      | 10 4                       | 3                                      | 8                        | 16  | 6              | 13                  | 20 se.             | Francis W. Meehan, London, Ont.  |   |
| 107640       | Iris                            | New Westminster                             | 1899                   | New Westminster, B.C.                 | 54 0                      | 1 1                        | 3                                      | 5                        | 26  | 1              | 17                  | 1 se.              | The Atlantic Steaming Co., Ltd., Sapperton, B.C.                                 |   |
| 137940       | <i>Irish Belle</i>              | Vancouver                                   | 1915                   | Vancouver, B.C.                       | 28 0                      | 1 1                        | 3                                      | 4                        | 6   | 4              | 4                   | 1 se.              | Otto L. Brunsdon, Port Hope, B.C.  |   |
| 116850       | Iroquois                        | Owen Sound                                  | 1907                   | Huntsville, Ont.                      | 118 5                     | 23 0                       | 1                                      | 4                        | 307                                       | 5              | 198                 | 25 se.             | The Huntsville Lake of Bays & Lake Simcoe Navigation Co., Ltd., Huntsville, Ont. |   |
| 112073       | <i>Iroquois</i>                 | Peterborough                                | 1903                   | Detroit, Mich., U.S.A.                | 22 6                      | 5 8                        | 2                                      | 1                        | 2   | 1              | 2                   | 1 se.              | Mrs. P. C. Price, Mississauga, Ont.  |   |
| 111855       | <i>Iroquois (The)</i>           | Toronto                                     | 1902                   | Toronto, Ont.                         | 260 0                     | 43 2                       | 2                                      | 23                       | 2,359                                     | 1,452          | 1,452               | 79 se.             | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal.                       |   |
| 117002       | Isaac                           | New Westminster                             | 1901                   | Port Guichen, B.C.                    | 42 9                      | 10 4                       | 3                                      | 7                        | 14  | 9              | 9                   | 2 se.              | B.C. Marine Ltd., Victoria Drive, Vancouver, B.C.                                |   |
| 111505       | Isabel                          | St. John, N.B.                              | 1900                   | Detroit, Mich., U.S.A.                | 22 5                      | 5 6                        | 2                                      | 1                        | 1   | 1              | 1                   | 1 se.              | Wm. T. Chasmit, Fredericton, N.B.  |   |
| 122590       | Isabella McCormack              | Victoria                                    | 1905                   | Golden, B.C.                          | 61 3                      | 18 8                       | 5                                      | 4                        | 178                                       | 12             | 3                   | 3 se.              | The Columbia River Lumber Co., Ltd., Golden, B.C.                                |   |
| 112804       | Isabelle                        | Winnipeg                                    | 1903                   | Winnipegosis, Man.                    | 64 0                      | 16 0                       | 6                                      | 5                        | 41  | 25             | 4                   | 3 se.              | Peter McArthur, Westbourne, Man.   |   |
| 138753       | <i>Isle</i>                     | New Westminster                             | 1918                   | Steveston, B.C.                       | 39 0                      | 9 4                        | 4                                      | 3                        | 14  | 10             | 13                  | 1 se.              | Yoshiyo Maki, Steveston, B.C.  |   |
| 130654       | <i>Isopride</i>                 | Vancouver                                   | 1911                   | Vancouver, B.C.                       | 41 0                      | 12 3                       | 3                                      | 4                        | 18  | 12             | 12                  | 2 se.              | Northern B.C. Fisheries, Ltd., 101 Winch Bldg., Vancouver, B.C.                  |   |
| 107873       | Ishkoodah                       | Lindsay                                     | 1893                   | Carleton Place, Ont.                  | 30 0                      | 6 2                        | 2                                      | 2                        | 3   | 2              | 2                   | 6 se.              | Dr. G. S. Ryerson, Toronto, Ont.   |   |
| 116632       | Island Lassie                   | Lindsay                                     | 1907                   | Lindsay, Ont.                         | 37 0                      | 6 0                        | 3                                      | 0                        | 7   | 5              | 5                   | 5 se.              | William E. Austin, Fenton Falls, Ont.  |   |
| 138784       | Island Princess                 | Victoria                                    | 1913                   | Tacoma, Wash., U.S.A.                 | 116 3                     | 23 1                       | 3                                      | 5                        | 329                                       | 203            | 43                  | 3 se.              | Canadian Pacific Railway Co., Montreal, Que.                                     |   |
| 107841       | <i>Island Queen</i>             | Toronto                                     | 1877                   | St. Williams, Ont.                    | 52 3                      | 17 3                       | 4                                      | 3                        | 31  | 27             | 3                   | 3 se.              | Eugene I. White, and Alex. Henderson, Toronto, Ont.                              |   |
| 122110       | Islander                        | Charlottetown                               | 1906                   | Shelburne, N.S.                       | 67 3                      | 17 5                       | 7                                      | 2                        | 54  | 37             | 16                  | 3 se.              | The Island Tug Co., Ltd., Charlottetown, P.E.I.                                  |   |
| 111367       | Islander                        | Toronto                                     | 1900                   | Gravelhurst, Ont.                     | 106 0                     | 17 4                       | 5                                      | 2                        | 165                                       | 74             | 13                  | 3 se.              | The Muskoka Lakes Nav. & Hotel Co., Ltd., Toronto, Ont.                          |   |
| 90866        | Isley                           | Toronto                                     | 1885                   | Ottawa, Ont.                          | 116 0                     | 18 0                       | 4                                      | 2                        | 175                                       | 119            | 39                  | 3 se.              | Chas. Melnes, Orillia, Ont.  |   |
| 109566       | Isleway                         | Montreal                                    | 1901                   | Kingston, Ont.                        | 51 8                      | 10 5                       | 4                                      | 1                        | 14  | 9              | 5                   | 5 se.              | William I. Hunter, Pembroke, Ont.  |   |
| 126722       | Isimda                          | Peterboro                                   | 1910                   | Young's Point, Ont.                   | 81 0                      | 16 0                       | 4                                      | 4                        | 54  | 37             | 3                   | 3 se.              | Patrick P. Young, Young's Point, Ont.  |   |
| 111796       | <i>Isobal</i>                   | Peterboro                                   | 1903                   | Port Hasselbury, N.S.                 | 41 6                      | 14 0                       | 5                                      | 0                        | 24  | 20             | 1                   | 1 se.              | Grubbs Fraser, New Glasgow, N.S.   |   |
| 10712        | Ivan R.                         | Winnipeg                                    | 1903                   | Grandes P. R. C.                      | 67 8                      | 15 8                       | 4                                      | 6                        | 66  | 45             | 4                   | 4 se.              | Donald McG. Stewart, Burlington, Ont.  |   |
| 121753       | <i>Ivanhoe</i>                  | Victoria                                    | 1907                   | Vancouver, B.C.                       | 32 2                      | 10 3                       | 4                                      | 7                        | 12  | 8              | 1                   | 1 se.              | Henry E. Neave, Esquimalt, B.C.  |   |
| 122947       | Ivanhoe                         | Vancouver                                   | 1907                   | Vancouver, B.C.                       | 99 7                      | 22 5                       | 10                                     | 9                        | 182                                       | 123            | 39                  | 3 se.              | Kingsome Navigation Co., Ltd., Vancouver, B.C.                                   |   |
| 113497       | <i>Iver Heath</i>               | Montreal                                    | 1901                   | Windsor, N.S.                         | 469 5                     | 56 2                       | 31                                     | 9                        | 9,170                                     | 5,853          | 406                 | 406 se.            | Bishop Navigation Co., Ltd., 236 St. James St., Montreal, Que.                   |   |
| 120940       | Iviza                           | Liverpool                                   | 1910                   | Mt. Vernon, N.S.                      | 42 0                      | 9 6                        | 4                                      | 6                        | 10  | 9              | 13                  | 1 se.              | Jason F. Mack, Liverpool, N.S.   |   |
| 130978       | <i>Ivona</i>                    | Peterboro                                   | 1909                   | Mt. Vernon, N.S.                      | 26 0                      | 5 3                        | 2                                      | 2                        | 2   | 1              | 1                   | 1 se.              | L. A. Porsyup, Peterboro, Ont.   |   |
| 126223       | Ivy Clark                       | Ottawa                                      | 1907                   | Sturgeon Falls, Ont.                  | 40 8                      | 14 2                       | 7                                      | 5                        | 28  | 20             | 2                   | 2 se.              | Milton R. Kaufman, Kitchener, Ont.   |   |

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| 130913                                      | 140954                         | 138603  | 126888                            | 133322                                       | 130646                               | 141512                          | 138482                          | 138118                                | 126607                      | 138362  | 138610                      | 125442  | 122161                                 | 116396  | 122647                          | 126237                       | 122251                             | 138415   | 134250                                       | 111619                          | 107170                                      | 126046   | 130225                                      | 134616                                | 138502   | 107333                      | 116397                           | 138226                                     | 122273                                     | 133936  | 116572  | 130659                            | 131020                               | 130776                         |   |   |  |  |   |  |  |                                 |                                      |   |   |                   |
|---|--------------------------------|---|-----------------------------------|--|--------------------------------------|---------------------------------|---------------------------------|---------------------------------------|-----------------------------|---|-----------------------------|---|--|---|---------------------------------|------------------------------|------------------------------------|--|--|---------------------------------|---|--|---|---------------------------------------|--|-----------------------------|----------------------------------|--|--|---|---|-----------------------------------|--------------------------------------|--------------------------------|---|---|--|--|---|--|--|---------------------------------|--------------------------------------|---|---|-------------------|
| <i>Arg. Leaf.</i>                           | <i>Igo.</i>                    | <i>Izumi.</i>   | <i>J. A.</i>                      | <i>J. A. H.</i>                              | <i>J. E. C.</i>                      | <i>J. H. C.</i>                 | <i>J. H. N.</i>                 | <i>J. I. F.</i>                       | <i>J. O. B.</i>             | <i>J. R. D.</i>   | <i>J. de S.</i>             | <i>J. A. McKee</i>                                | <i>J. A. Munford</i>                   | <i>J. B. McCall</i>                               | <i>J. B. McLeod</i>             | <i>J. B. Paine</i>           | <i>J. C. Bruce</i>                 | <i>J. C. Elise</i>                                   | <i>J. C. Martin</i>                          | <i>J. C. Miller</i>             | <i>J. D. Hamilton</i>                       | <i>J. D. Morrison</i>  | <i>J. D. Schofield</i>                      | <i>J. E. Boyden</i>                   | <i>J. E. Mills</i>                                       | <i>J. F. Booth</i>          | <i>J. G. Cor</i>                 | <i>J. G. Witherbee</i>                     | <i>J. H. Montgomery</i>                    | <i>J. H. G. Hagarty</i>   | <i>J. H. Haekett</i>  | <i>J. H. McDonald</i>             | <i>J. H. Upham</i>                   | <i>J. H. Young</i>             | <i>J. H. Wade</i>                                       | <i>J. J. McCarthy</i>   | <i>J. L. Nelson</i>                                | <i>J. M. Diver</i>                         | <i>J. R. Binning</i>  | <i>J. R. Spear</i>                         | <i>J. S. Rayside</i>                       | <i>J. T. Horne</i>              | <i>J. W. Dickie</i>                  | <i>J. W. Ward</i>   | <i>J. Prater Taylor</i>   |                   |
| Vancouver                                   | New Westminster                | New Westminster   | Vancouver                         | St. John N. B.                               | Ottawa                               | Parrishoro                      | New Westminster                 | New Westminster                       | Chatham, N. B.              | Vancouver   | New Westminster             | Sault Ste. Marie                                  | Windsor, N. S.                         | Peterboro   | Chatham, Ont.                   | Toronto                      | New Westminster                    | Midland  | Lancelburg                                   | Chatham, N. B.                  | Collingwood                                 | Port Arthur  | St. Catharines                              | Vancouver                             | Sarnia   | Ottawa                      | Victoria                         | Quebec                                     | Winnipeg                                   | Toronto   | Montreal  | Collingwood                       | Port Arthur                          | Owen Sound                     | Montreal  | Montreal  | Halifax  | Ottawa                                     | Montreal  | Winnipeg                                   | Ottawa                                     | Port William                    | Vancouver                            | Port Arthur   | Sault Ste. Marie  |                   |
| 1912  | 1918                           | 1917  | 1910                              | 1917   | 1911                                 | 1916                            | 1912                            | 1910                                  | 1917                        | 1917  | 1917                        | 1903  | 1903                                   | 1908  | 1893                            | 1906                         | 1905                               | 1917   | 1910   | 1904                            | 1907  | 1910   | 1883  | 1883                                  | 1907   | 1903                        | 1872                             | 1913                                       | 1914                                       | 1901  | 1902  | 1880                              | 1908                                 | 1915                           | 1890  | 1911  | 1899   | 1904                                       | 1916  | 1909                                       | 1913                                       | 1909                            | 1891                                 | 1901  |   |                   |
| Vancouver, B.C.                             | Steveston, B.C.                | Steveston, B.C.   | Vancouver, B.C.                   | Bellisle Bay, N.B.                           | Calumet Island, Que.                 | Black Rock, N.S.                | New Westminster, B.C.           | Steveston, B.C.                       | Chatham, N.B.               | Vancouver, B.C.   | Iadner, B.C.                | Newcastle-On-Tyne, G.B.                           | Spencer's Island, N.S.                 | Lakefield, Ont.                                   | Mitchell's Bay, Ont.            | Toronto, Ont.                | Vancouver, B.C.                    | Midland, Ont.  | Tancook, N.S.                                | Douglstown, N.B.                | Mesford, Ont.                               | Collingwood, Ont.  | Port Robinson, Ont.                         | Seattle, Wash., U.S.A.                | Marysville, U.S.A.                                       | Latchford, Ont.             | Victoria, B.C.                   | Philadelphia, Pa., U.S.A.                  | Selkirk, Man.                              | Collingwood, Ont.   | Quebec, Que.  | Collingwood, Ont.                 | Buffalo, N.Y., U.S.A.                | Duluth, Minn., U.S.A.          | Tobermory, Ont.   | Cleveland, O., U.S.A.   | Stineco, Ont.                                      | Yarmouth, N.S.                             | Sarna, Ont.   | Sorel, Que.                                | Toigoan, Man.                              | Monte Bello, Que.               | Port Arthur, Ont.                    | U.S.A.  | Benton Harbour, Mich., U.S.A.                                   | Loran, O., U.S.A. |
| 55 0  | 37 0                           | 55 0  | 26 0                              | 59 1   | 49 5                                 | 35 0                            | 36 0                            | 46 0                                  | 57 0                        | 58 4  | 35 4                        | 43 1  | 80 5                                   | 48 0  | 53 5                            | 39 6                         | 43 0                               | 45 4   | 52 0   | 54 0                            | 80 0  | 58 4   | 84 4  | 108 0                                 | 75 4   | 44 0                        | 111 2                            | 64 6                                       | 536 0                                      | 57 9  | 65 0  | 48 0                              | 47 0                                 | 265 6                          | 39 1  | 64 0  | 16 4   | 57 6                                       | 70 0  | 66 0                                       | 128 6                                      | 24 0                            | 19 1                                 | 346 0   |   |                   |
| 14 0  | 8 8                            | 13 2  | 6 7                               | 23 5   | 11 4                                 | 10 0                            | 10 0                            | 14 0                                  | 12 0                        | 15 2  | 7 5                         | 43 1  | 20 2                                   | 8 6   | 12 1                            | 8 0                          | 9 1                                | 11 0   | 13 6   | 14 9                            | 16 2  | 16 0   | 16 0  | 19 0                                  | 23 5   | 18 0                        | 8 0                              | 16 2                                       | 53 3                                       | 21 2  | 12 0  | 12 0                              | 10 0                                 | 38 1                           | 10 0  | 13 8  | 16 4   | 15 5                                       | 16 5  | 7 8  | 6 0  | 14 4                            | 8 0                                  | 6 8   | 24 1  |                   |
| 4 5   | 4 2                            | 5 4   | 3 5                               | 6 2  | 3 4                                  | 3 9                             | 3 2                             | 5 2                                   | 5 5                         | 7 7   | 3 9                         | 22 5  | 9 4                                    | 5 6   | 5 7                             | 5 0                          | 3 7                                | 4 2  | 6 7  | 5 0                             | 8 6   | 11 6   | 8 8   | 9 4                                   | 9 7  | 7 8                         | 5 2                              | 4 0  | 9 8  | 27 3  | 8 8   | 6 9                               | 6 0                                  | 6 4                            | 23 1  | 2 7   | 6 6  | 9 0  | 7 7   | 6 0  | 6 6  | 2 5                             | 6 8                                  | 4 8   |   |                   |
| 25  | 10                             | 33  | 5                                 | 56   | 21                                   | 8                               | 12                              | 19                                    | 35                          | 42  | 9                           | 2,158   | 115                                    | 24  | 25                              | 17                           | 11                                 | 23   | 33   | 111                             | 79  | 80   | 51  | 122                                   | 149  | 90                          | 53                               | 165  | 82   | 7,462   | 117   | 28                                | 26                                   | 17                             | 2,301   | 18  | 38   | 33   | 58  | 71   | 49   | 428                             | 5                                    | 64  | 3,429   |                   |
| 3 sc.                                       | 13 sc.                         | 3 sc.   | 1 sc.                             | 2 sc.  | 13 sc.                               | 1 sc.                           | 23 sc.                          | 8 sc.                                 | 4 sc.                       | 2 sc.   | 2 sc.                       | 37 sc.  | 40 sc.                                 | 2 sc.   | 3 sc.                           | 2 sc.                        | 1 sc.                              | 1 sc.  | 12 sc.                                       | 24 sc.                          | 31 sc.                                      | 31 sc.   | 37 sc.                                      | 37 sc.                                | 25 sc.   | 8 pa.                       | 33 sc.                           | 49 sc.                                     | 10 sc.                                     | 217 sc.   | 34 sc.  | 11 sc.                            | 5 sc.                                | 111 sc.                        | 2 sc.   | 12 sc.  | 33 sc.   | 40 sc.                                     | 13 sc.  | 17 sc.                                     | 1 sc.                                      | 10 sc.                          | 169 sc.                              |   |   |                   |
| H. Bell-Irving & Co., Ltd., Vancouver, B.C. | Giarno Hiroto, Steveston, B.C. | Gosse-Millard (Albhorn) Packing Co., Ltd., 597 Hastings St. W., Vancouver, B.C. | Joseph A. Fisher, Vancouver, B.C. | D. T. Alexander and M. L. Manson, Alma, N.B. | John E. Cahill, Calumet Island, Que. | James H. Card, Parrishoro, N.S. | John Nickelsen, Vancouver, B.C. | Fredrick H. Chappell, Vancouver, B.C. | O'Brien, Ltd., Nelson, N.B. | The Packers Steamship Co., Ltd., 510 Granville St., Vancouver, B.C. | Edward Wilson, Iadner, B.C. | The Minister of Railways and Canals, Ottawa, Ont. | Gypsum Packet Co., Ltd., Windsor, N.S. | The Minister of Railways and Canals, Ottawa, Ont. | Brook McAlay, Southampton, Ont. | John C. Holby, Toronto, Ont. | Albert E. Godfrey, Vancouver, B.C. | The Georgian Bay Lumber Co., Ltd., Waubaushene, Ont. | Francis B. Martin, M.O., Ketch Harbour, N.S. | Wm. A. Simpson, Millerton, N.B. | David J. and Edward F. Burke, Midland, Ont. | The Great Lakes Dredging and Contracting Co., Ltd., Ottawa, Ont. | Arthur G. Ross, et al., Port Colborne, Ont. | Boydell Tag Co., Ltd., Victoria, B.C. | James Lanaway and F. J. Trotter, J.O., Anherstburg, Ont. | John R. Booth, Ottawa, Ont. | John A. Murdoch, Vancouver, B.C. | The Minister of Public Works, Ottawa, Ont. | The Minister of Public Works, Ottawa, Ont. | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que. | George Hall Coal Company of Canada, Ltd., 273 Craig St., Montreal, Que. | Waldie Bros., Ltd., Toronto, Ont. | George H. Fineout, Port Arthur, Ont. | James H. Young, Core Bay, Ont. | Wade Steamship Co., Ltd., 39 Bedford Row, Halifax, N.S. | The St. Maurice Construction Company, Ltd., 83 Craig St. W., Montreal, Que. | The Minister of Marine and Fisheries, Ottawa, Ont. | Quebec Harbour Commissioners, Quebec, Que. | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que. | The Northern Fish Co., Ltd., Selkirk, Man. | The Owens Lumber Co., Ltd., Montreal, Que. | John R. Binning, Montreal, Que. | Alfred Harris, North Vancouver, B.C. | The Port Arthur Construction Co., Ltd., Port Arthur, Ont. | Algona Central & Hudson Bay Railway Co., Sault Ste. Marie, Ont. |                   |

\*Formerly "Tadema," \*Formerly "Lake Manitoba," a recovered Wreck. \*Formerly "Earl," \*Formerly "Orillia," \*Formerly a sailing vessel, \*Formerly name "Daily," \*Formerly name "Saturn."

ALPHABETICAL LIST of Vessels Steam on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—*Abréviations*: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Paddle—à aubes; Sc., Screw—à hélice, © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vapeurs à moteurs sont en *italiques*.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'encregistrement. | Built<br>Constructé en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en c. v. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|--|------------------------|---------------------------------------|---|---|--|---------------------------------|--|---|---|
| 122626       | J. Howard                       | Chartham, N. B.                              | 1908                   | Newcastle, N. B.                      | 45 0  | 11 5  | 5 0  | 16                              | 11   | 10 sc.  | Timothy W. Crocker, Newcastle, N. B.  |
| 138798       | J. Miller                       | Quebec                                       | 1917                   | Be-aux-Coudres, Que.                  | 38 3  | 15 7  | 5 3  | 10                              | 10   | 2 sc.   | Joseph Miller, Bersimis, Que.   |
| 112269       | J. Paul                         | Montreal                                     | 1901                   | Sorel, Que.                           | 40 0  | 11 1  | 4 8  | 19                              | 13   | 3 sc.   | Arthur Laforee and Arthur Belanger, J. O., Lachimo, Que.                              |
| 41737        | Jack                            | Quebec                                       | 1919                   | Montmagne, Que.                       | 56 4  | 14 4  | 6 0  | 40                              | 15   | 4 sc.   | Price Bros. & Co., Ltd., 56 St. Peter St., Quebec, Que.                               |
| 126263       | Jack C.                         | Toronto                                      | 1907                   | Fesserton, Ont.                       | 43 0  | 10 0  | 4 0  | 19                              | 13   | 3 sc.   | John C. Keenan, Owen Sound, Ont.  |
| 122391       | Jack Stuart                     | Victoria                                     | 1908                   | Victoria, B. C.                       | 60 0  | 13 0  | 3 5  | 36                              | 18   | 3 sc.   | Archibald Stuart, Duncan, B. C.   |
| 122293       | Jack Winton                     | Prince Albert                                | 1907                   | Prince Albert, Sask.                  | 50 0  | 15 0  | 2 5  | 19                              | 12   | 3 pt.   | Prince Albert Lumber Co., Ltd., Prince Albert, Sask.                                  |
| 137935       | Jack                            | Vancouver                                    | 1912                   | Vancouver, B. C.                      | 32 2  | 9 5   | 4 0  | 12                              | 8  | 1 sc.   | Margaret S. Smith, Kildonan, B. C.  |
| 134512       | James H. Shrigley               | Montreal                                     | 1881                   | Milwaukee, Wis., U.S.A.               | 171 0   | 31 2  | 11 5   | 531                             | 400  | 65 sc.  | Charles A. Barnard, Montreal, Que.  |
| 133902       | James Howden                    | Sorel  | 1902                   | Sorel, Que.                           | 90 6  | 22 0  | 8 6  | 177                             | 66   | 44 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 111511       | James Holly                     | St. John, N. B.                              | 1901                   | St. John, N. B.                       | 48 0  | 13 8  | 6 5  | 31                              | 24   | 5 sc.   | Alex. B. Holly, et al., St. John, N. B.   |
| 96844        | James McKewen                   | Sarnia                                       | 1893                   | Sarnia, Ont.                          | 52 5  | 12 5  | 5 0  | 36                              | 24   | 30 sc.  | The Blind River Transportation Co., Ltd., Blind River, Ont.                           |
| 121948       | James Morgan                    | Sorel  | 1906                   | Hull, Que.                            | 52 0  | 11 6  | 4 8  | 21                              | 8  | 4 sc.   | Lyon Cohen, Montreal, Que.  |
| 110971       | James Neilson                   | Chartham, N. B.                              | 1904                   | Chartham, N. B.                       | 61 0  | 14 5  | 5 7  | 31                              | 21   | 8 sc.   | James P. Burchill, Nelson, N. B.  |
| 103223       | James Prendergast               | Cornwall                                     | 1914                   | Kingston, Ont.                        | 60 1  | 15 3  | 9 4  | 64                              | 34   | 16 sc.  | James Prendergast, Cornwall, Ont.   |
| 100943       | James Playfair                  | Port Burwell                                 | 1894                   | Collingwood, Ont.                     | 50 0  | 11 6  | 6 0  | 26                              | 18   | 3 sc.   | Erwin Tedford, et al., J. O., Port Burwell, Ont.                                      |
| 130632       | James S. Gregory                | St. John, N. B.                              | 1911                   | St. John, N. B.                       | 58 2  | 16 2  | 7 3  | 53                              | 36   | 14 sc.  | James S. Gregory, St. John, N. B.   |
| 92307        | James Storey                    | Port Arthur                                  | 1888                   | Collingwood, Ont.                     | 63 0  | 14 2  | 7 3  | 49                              | 33   | 5 sc.   | Geo. H. Fincont, Port Arthur, Ont.  |
| 116316       | James W. Follette               | Montreal                                     | 1881                   | Gibraltar, Mich., U.S.A.              | 207 2   | 35 6  | 12 0   | 756                             | 540  | 88 sc.  | George Hull Coal Company of Canada, Ltd., 273 Craig St. W., Montreal, Que.            |
| 121709       | James Whalen                    | Port Arthur                                  | 1905                   | Toronto, Ont.                         | 108 0   | 24 0  | 13 0   | 313                             | 156  | 66 sc.  | The Canadian Towing and Wrecking Co., Ltd., Port Arthur, Ont.                         |
| 130334       | Janet                           | Charlottetown                                | 1912                   | Belle River, P.E.I.                   | 55 4  | 15 4  | 5 8  | 35                              | 34   | 1 sc.   | Duncan J. Riley, Belle River, P.E.I.  |
| 117191       | Jap.                            | Kenora                                       | 1905                   | Kenora, Ont.                          | 23 0  | 6 0   | 2 5  | 3                               | 2  | 1 sc.   | Scott & Hudson Building Co., Ltd., Kenora, Ont.                                       |
| 100033       | Ussamine                        | Toronto                                      | 1892                   | Toronto, Ont.                         | 112 4   | 21 9  | 7 4  | 298                             | 184  | 18 sc.  | The Toronto Ferry Co., Ltd., Toronto, Ont.  |
| 133790       | Jason B.                        | St. Andrews                                  | 1916                   | Conceville, N. S.                     | 46 1  | 13 6  | 5 9  | 18                              | 12   | 1 sc.   | Frank Blackeman, Grand Harbour, N. B.   |
| 122064       | Jean                            | Montreal                                     | 1905                   | Montreal, Que.                        | 35 8  | 3 6   | 3 6  | 7                               | 4  | 1 sc.   | Henri Hervieux, Montreal, Que.  |
| 133794       | Jean F.                         | Port Stanley                                 | 1917                   | Port Stanley, Ont.                    | 52 0  | 15 4  | 5 4  | 25                              | 17   | 3 sc.   | Duncan McDonald, Port Dover, Ont.   |
| 138231       | Jean Jacques II.                | Montreal                                     | 1916                   | Three Rivers, Que.                    | 56 2  | 12 4  | 3 8  | 33                              | 19   | 4 sc.   | Maxime Cloutier, Grandes Piles, Que.  |
| 133069       | Jean MacNamara                  | Ottawa                                       | 1916                   | Ottawa, Ont.                          | 56 4  | 13 3  | 5 8  | 41                              | 26   | 3 sc.   | McLachlin Bros., Ltd., Arnprior, Ont.   |
| 144593       | Jean Nicolet                    | Montreal                                     | 1920                   | Nicolet, Que.                         | 59 5  | 14 1  | 4 8  | 27                              | 20   | 2 sc.   | J. Alphonse Savigny and J. Alonzo Boisvert, Nicolet, Que.                             |
| 134665       | Jean Steedman                   | Victoria                                     | 1917                   | Victoria, B. C.                       | 245 7   | 43 8  | 21 0   | 1,577                           | 1,253                                      | 18 sc.  | Canada West Coast Navigation Co., Ltd., 1312 Standard Bank Bldg., Vancouver, B. C.    |



SESSIONAL PAPER No. 22

| No.    | Name             | Port of Origin   | Tonnage | Speed | Engine | Remarks |
|--------|------------------|--|---------|-------|--------|---------|
| 138105 | Jeanne Alice     | Montreal   | 80      | 7     | 17     | 2       |
| 138106 | Sorel            | Valleyfield, Que.  | 96      | 2     | 22     | 3       |
| 138145 | Jeanne d'Arc     | Sorel, Que.  | 65      | 5     | 105    | 6       |
| 138155 | Jeanette R.      | Trois Rivieres, Que.   | 113     | 4     | 26     | 3       |
| 141399 | Jeanette R.      | Buffalo, N.Y., U.S.A.  | 57      | 7     | 144    | 56      |
| 138274 | Jedway           | Stoveston, B.C.  | 57      | 6     | 51     | 37      |
| 138229 | Jellway          | Dorval, Que.   | 43      | 5     | 6      | 11      |
| 134174 | Jellway          | Albion, N.S.   | 49      | 6     | 25     | 22      |
| 130713 | Janet B.         | Kenora, Ont.   | 44      | 0     | 20     | 13      |
| 137000 | Janet C.         | Hantsville, Ont.   | 37      | 8     | 17     | 12      |
| 100795 | Jeanne Jean      | New Westminster, B.C.  | 29      | 8     | 4      | 4       |
| 138343 | Jeanne Marie     | Sheet Harbour, N.S.  | 43      | 2     | 25     | 22      |
| 107814 | Jeanne Marie     | Port Harbrough, Ont.   | 33      | 8     | 7      | 3       |
| 130735 | Jeanie P.S.      | Stoveston, B.C.  | 59      | 5     | 34     | 32      |
| 130794 | Jericho          | North Vancouver, B.C.  | 67      | 0     | 44     | 44      |
| 138195 | Jerry D.         | Port Monton, N.S.  | 34      | 3     | 9      | 10      |
| 126128 | Jeska            | Kingston, Ont.   | 108     | 0     | 24     | 4       |
| 138396 | Jessen, J. H.    | Kingston, Ont.   | 189     | 7     | 3      | 107     |
| 112069 | Jessie           | Tanook, N.S.   | 42      | 6     | 3      | 14      |
| 111787 | Jessie B.        | Bayonne, Mich., U.S.A.   | 31      | 0     | 7      | 5       |
| 120043 | Jessie B.        | Roseport, Ont.   | 76      | 0     | 61     | 31      |
| 107744 | Jessie Bain      | Clayton, N.Y., U.S.A.  | 29      | 0     | 4      | 3       |
| 134097 | Jessie Ellen     | Vancouver, B.C.  | 70      | 8     | 50     | 41      |
| 70288  | Jessie Hall      | Vancouver, B.C.  | 29      | 3     | 67     | 41      |
| 97009  | Jessie Hamme     | Port Arthur, Ont.  | 83      | 5     | 57     | 29      |
| 138780 | Jessie Island    | St. Catharines, Ont.   | 62      | 9     | 3      | 40      |
| 110245 | Jessie M.        | Victoria, B.C.   | 51      | 8     | 6      | 31      |
| 117115 | Jessie Mac       | Sault Ste. Marie   | 42      | 0     | 4      | 8       |
| 138398 | Jessie Vancross  | Vancouver, B.C.  | 61      | 5     | 57     | 39      |
| 74019  | Jewel            | North Vancouver, B.C.  | 240     | 5     | 1,481  | 1,268   |
| 141429 | Jin and Brill    | Shelburne, N.S.  | 69      | 6     | 62     | 49      |
| 134072 | Joe Baker        | Shelburne, N.S.  | 26      | 5     | 4      | 6       |
| 116378 | Joe Dudley       | Seattle, Wash., U.S.A.   | 36      | 0     | 12     | 8       |
| 131084 | Joe Goodwin      | Buffalo, N.Y., U.S.A.  | 70      | 0     | 8      | 6       |
| 138351 | Jollie D.        | Toronto, Ont.  | 48      | 4     | 6      | 26      |
| 111670 | John             | Sorel, Que.  | 62      | 6     | 38     | 19      |
| 130714 | John A. Minor    | Pl. Fortune, Que.  | 55      | 6     | 19     | 13      |
| 130435 | John B. Ketchum  | Kenora, Ont.   | 50      | 8     | 40     | 27      |
| 2nd.   |                  | Toledo, O., U.S.A.   | 193     | 0     | 1,109  | 763     |
| 137947 | John C. Mann     | Ashland, Wis., U.S.A.  | 61      | 7     | 6      | 23      |
| 141251 | John C. Stoneham | Milbridge, Me., U.S.A.   | 60      | 2     | 3      | 15      |
| 130387 | John E. Monk     | Sandusky, Ohio, U.S.A.   | 72      | 0     | 58     | 40      |
| 111805 | John E. Russell  | Richard's Landing, Ont.  | 54      | 0     | 26     | 14      |
| 141758 | John F. Morrow   | Toledo, O., U.S.A.   | 246     | 0     | 4      | 1,154   |
| 130758 | John H. Spruff   | Vancouver, B.C.  | 53      | 3     | 40     | 27      |
| 92387  | John Haggart     | Perth, Ont.  | 17      | 5     | 6      | 8       |
| 126013 | John Hancock     | Granville Ferry, N.S.  | 59      | 0     | 48     | 29      |
| 138519 | John Haman       | Annapolis Royal, Ont.  | 71      | 0     | 52     | 43      |
| 138896 | John Hunsader    | Port Dalhousie, Ont.   | 71      | 0     | 6      | 0       |
|        |                  | Sturgeon Bay, Wis., U.S.A.   | 96      | 0     | 26     | 0       |
|        |                  | Sault Ste. Marie, Ont.   | 25      | 3     | 231    | 95      |
|        |                  | Formerly "Ojibway" and "A. J. Tymon"   |         |       |        |         |
|        |                  | Formerly "Hermann Hressing"  |         |       |        |         |
|        |                  | Formerly "W. J. Smith"   |         |       |        |         |
|        |                  | Formerly name "New Island Wanderer"  |         |       |        |         |
|        |                  | Formerly "Ostris II"   |         |       |        |         |
|        |                  | Formerly a sailing vessel.   |         |       |        |         |
|        |                  | Foreign name "Planet"  |         |       |        |         |
|        |                  | Des. L. Ally, Montreal, and Edgards, Ally, Pierreville, Que., I.O.               |         |       |        |         |
|        |                  | Charles E. Abbott, St. Valleys field, Que.                                       |         |       |        |         |
|        |                  | Thomas Page, Trois Rivieres, Que.  |         |       |        |         |
|        |                  | The St. James-McNaughton Line, Ltd., 75 Common St., Montreal, Que.               |         |       |        |         |
|        |                  | Kootenai, Ont., Vancouver, B.C.  |         |       |        |         |
|        |                  | The Royal St. Lawrence Yacht Club, 6 St. Sacrement St. Montreal, Que.            |         |       |        |         |
|        |                  | William McMillan and Lancelan McKay, Lockport, N.S.                              |         |       |        |         |
|        |                  | Thomas Campbell, Port William, Ont.  |         |       |        |         |
|        |                  | Romanus Cochrill, Hantsville, Ont.   |         |       |        |         |
|        |                  | J. A. Charles, New Westminster, B.C.   |         |       |        |         |
|        |                  | Peter Lamb, Port Harbrough, Ont.   |         |       |        |         |
|        |                  | C. B. McAllister, Port Harbrough, Ont.   |         |       |        |         |
|        |                  | Oswald Daubines, M.O. Hacketts Cove, N.S.  |         |       |        |         |
|        |                  | Arthur G. Baskwill, Vancouver, B.C.  |         |       |        |         |
|        |                  | Simson H. Colp and Herman H. Stuard, J. O., Port Monton, N.S.                    |         |       |        |         |
|        |                  | Edward McKenzie, Smiths Falls, Ont., and John F. Sowards, Kingston, Ont.         |         |       |        |         |
|        |                  | Clarence Leary, Little Tonawock, N.S.  |         |       |        |         |
|        |                  | Stanley Barton, Peterborough, Ont.   |         |       |        |         |
|        |                  | Victoria Fishing Co., Ltd., Victoria, B.C.                                       |         |       |        |         |
|        |                  | Wm. and Daniel Alexander, J. O., Nipigon, Ont.                                   |         |       |        |         |
|        |                  | Michael Normande, Montreal, Que.   |         |       |        |         |
|        |                  | Brooks Bulluck Cedar Co., Ltd., 907 Rogers Bldg., Vancouver, B.C.                |         |       |        |         |
|        |                  | The Russell Timber Co., Ltd., Port Arthur, Ont.                                  |         |       |        |         |
|        |                  | The Minister of Public Works, Ottawa, Ont.                                       |         |       |        |         |
|        |                  | Genchi Kodama, and Aikimatsu Tabata, J. O., Vancouver, B.C.                      |         |       |        |         |
|        |                  | Alphonse Metvier, Algoma Mills, Ont.   |         |       |        |         |
|        |                  | Edward J. Coyle and James H. Greer, Vancouver, B.C.                              |         |       |        |         |
|        |                  | Canada West Coast Navigation Co., Ltd., 312 Standard Bank Bldg., Vancouver, B.C. |         |       |        |         |
|        |                  | Miss Mary E. Young, M. O., Halifax, N.S.   |         |       |        |         |
|        |                  | Mrs. James Galbraith and Edward Brown, Vancouver, B.C.                           |         |       |        |         |
|        |                  | F. T. Blundon, Prince Rupert, B.C.   |         |       |        |         |
|        |                  | The Great Lakes Dredging and Contracting Co., Ltd., Ottawa, Ont.                 |         |       |        |         |
|        |                  | Stephen P. Alean and John J. Harrigan, Port Dalhousie, Ont.                      |         |       |        |         |
|        |                  | Alphonse Deroclers, Sorel, Que.  |         |       |        |         |
|        |                  | Piedmont Ranger, Carillon, Que.  |         |       |        |         |
|        |                  | Keewatin Lumber Co., Ltd., Keewatin, Ont.  |         |       |        |         |
|        |                  | George Hall Coal Company of Canada, Ltd., 273 Craig St. W., Montreal, Que.       |         |       |        |         |
|        |                  | Montreal Transportation Co., Ltd., Montreal, Que.                                |         |       |        |         |
|        |                  | Chas. R. Stoneham, et al., Yarmouth, N.S.  |         |       |        |         |
|        |                  | Charles R. Hackett, Amherstburg, Ont.  |         |       |        |         |
|        |                  | Toronto Harbour Commissioners, Toronto, Ont.                                     |         |       |        |         |
|        |                  | Geo. Hall Coal Co. of Canada, Ltd., 211 McGill St., Montreal, Que.               |         |       |        |         |
|        |                  | Minister of Public Works for British Columbia, Victoria, B.C.                    |         |       |        |         |
|        |                  | John B. Moore, Oshington, Ont.   |         |       |        |         |
|        |                  | Bernard Dolan, Granville, Ferry, N.S.  |         |       |        |         |
|        |                  | Lawrence Solman, Toronto, Ont.   |         |       |        |         |
|        |                  | The Spanish River Pulp & Paper Mills, Ltd., Sault Ste. Marie, Ont.               |         |       |        |         |

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—*Mercatons*: J.C.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Paddle—à aubes; Sc., Screw—à hélice.  
 © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'inscription. | Built.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10 <sup>es</sup> . | Breadth in feet and 10ths.<br>Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths.<br>Profondeur en pieds et 10 <sup>es</sup> . | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en C.V. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|--|------------------------|---------------------------------------|--|--|---|---------------------------------|--|--|---|
| 167136       | John J. Noble                   | Goderich                                 | 1901                   | Godérich, Ont.                        | 68 1   | 15 1   | 6 9   | 33                              | 23   | 13 sc.   | Dominion Fish Co., Ltd., Winnipeg, Man.   |
| 94919        | John Lozge                      | Southampton                              | 1863                   | Godérich, Ont.                        | 76 0   | 13 8   | 5 5   | 37                              | 25   | 133 sc.  | John Lozge, Southampton, Ont.   |
| 167137       | John McKay                      | Godérich                                 | 1903                   | Godérich, Ont.                        | 68 1   | 15 1   | 6 9   | 34                              | 23   | 14 sc.   | Daniel McKay, Cockburn Isl., Ont.   |
| 41666        | John McMartin                   | Toronto                                  | 1920                   | Pickering, Ont.                       | 62 0   | 15 6   | 6 0   | 55                              | 25   | 61 sc.   | Pine Lake Lumber Co., Ltd., Pickering, Ont.   |
| 136521       | John Pratt                      | Montreal                                 | 1911                   | Sorel, Que.                           | 80 5   | 22 1   | 11 4  | 166                             | 78   | 54 sc.   | Stacomes-McNaughton Line, Ltd., 75 Common St., Montreal, Que.                         |
| 139233       | John R. Moore                   | Port Stanley                             | 1911                   | Port Stanley, Ont.                    | 68 0   | 16 6   | 9 0   | 63                              | 43   | 6 sc.  | Pearl M. Moore, Port Stanley, Ont.  |
| 130431       | John R. Stoyer                  | Surin                                    | 1911                   | Collingwood, Ont.                     | 75 0   | 18 2   | 8 1   | 91                              | 45   | 27 sc.   | The Mississauga Towing Co., Ltd., Blind River, Ont.                                   |
| 117121       | John Randall                    | Kingston                                 | 1905                   | Kingston, Ont.                        | 104 4  | 27 8   | 6 3   | 133                             | 53   | 131 sc.  | Harold F. Randall, Seely's Bay, Ont.  |
| 88241        | John Rolph                      | Toronto                                  | 1883                   | Deseronto, Ont.                       | 136 6  | 27 8   | 10 3  | 421                             | 212  | 32 sc.   | Point Anne Quarries, Ltd., Toronto, Ont.  |
| 141372       | John Rugee                      | Montreal                                 | 1888                   | Milwaukee, Wis., U.S.A.               | 233 5  | 35 3   | 18 8  | 1,261                           | 765  | 69 sc.   | Geo. Hall Co. of Canada, Ltd., 211 McGill St., Montreal, Que.                         |
| 134266       | John Schell                     | Midland                                  | 1915                   | Waukegan, Ont.                        | 36 2   | 10 0   | 3 7   | 18                              | 11   | 2 hp.  | The Georgian Bay Lumber Co., Ltd., Waukegan, Ont.                                     |
| 136522       | John Young                      | Montreal                                 | 1910                   | Sorel, Que.                           | 84 5   | 22 0   | 8 1   | 170                             | 77   | 48 sc.   | Harbour Commissioners of Montreal, 57 Common St., Montreal, Que.                      |
| 141508       | Johannie W.                     | Quebec                                   | 1912                   | Quebec, Que.                          | 39 4   | 11 8   | 5 3   | 16                              | 9  | 2 sc.  | Quebec Towing & Transportation Co., Ltd., 46 St. James St., Quebec, Que.              |
| 130698       | <i>Jolly Mac.</i>               | Vancouver                                | 1911                   | Vancouver, B.C.                       | 53 2   | 11 0   | 5 0   | 26                              | 18   | 9 sc.  | William J. Butt, Vancouver, B.C.  |
| 100669       | <i>Jop.</i>                     | Kingston                                 | 1895                   | Newboro', Ont.                        | 62 2   | 7 8  | 3 6   | 11                              | 7  | 9 sc.  | John Paul, Newboro', Ont.   |
| 134416       | <i>Jorb.</i>                    | Vancouver                                | 1914                   | Vancouver, B.C.                       | 28 3   | 9 0  | 3 6   | 5                               | 3  | 1 sc.  | Frederick A. Tully, Vancouver, B.C.   |
| 167804       | Joseph                          | St. John, N.B.                           | 1899                   | St. John, N.B.                        | 58 6   | 16 4   | 7 4   | 54                              | 37   | 17 sc.   | John D. Mitchell, St. John, N.B.  |
| 137993       | <i>Joseph A.</i>                | Aricat                                   | 1909                   | Tanquer, N.S.                         | 44 0   | 10 0   | 6 6   | 15                              | 15   | 1 sc.  | Martin Nathusee, Main-d'Isle, N.S.  |
| 167621       | <i>Joseph A.</i>                | New Westminster                          | 1898                   | Leake, B.C.                           | 80 0   | 21 0   | 4 5   | 147                             | 93   | 31 hp.   | British Yukon Navigation Co., Ltd., Vancouver, B.C.                                   |
| 130626       | <i>Joseph Lester.</i>           | Yarmouth                                 | 1912                   | Pubnico, N.S.                         | 41 0   | 12 4   | 5 0   | 15                              | 14   | 3 sc.  | Joseph R. Amiro, West Pubnico, N.S.   |
| 163047       | <i>Joseph Taylor.</i>           | Ottawa                                   | 1894                   | La Coudre, Que.                       | 37 0   | 15 7   | 3 6   | 17                              | 9  | 20 hp.   | J. R. Booth, Ottawa, Ont.   |
| 130499       | Joyful                          | New Westminster                          | 1912                   | New Westminster, B.C.                 | 49 0   | 14 0   | 5 1   | 31                              | 18   | 8 sc.  | Canadian Tug Boat Co., Ltd., Vancouver, B.C.  |
| 138168       | Joyland                         | Montreal                                 | 1884                   | Detroit, Mich., U.S.A.                | 250 5  | 37 0   | 14 3  | 1,845                           | 1,070                                      | 88 sc.   | Montreal Transportation Company, Ltd., 14 Place Royale, Montreal, Que.                |
| 121734       | <i>Juanita.</i>                 | Vancouver                                | 1906                   | Vancouver, B.C.                       | 19 8   | 7 2  | 2 2   | 3                               | 2  | 1 sc.  | Albert French, Vancouver, B.C.  |
| 103936       | Jubilee                         | Chatham, N.B.                            | 1897                   | Douglasgow, N.B.                      | 43 9   | 11 0   | 4 8   | 17                              | 11   | 3 sc.  | William Anderson, Church Point, N.B.  |
| 103645       | Jubilee                         | Kingston                                 | 1897                   | Kingston, Ont.                        | 84 2   | 15 4   | 5 0   | 117                             | 78   | 10 sc.   | La Cie de Navigation Ville-Marie, Quebec, Que.  |
| 137901       | Julia S.                        | Toronto                                  | 1908                   | 8th Boston, Mass., U.S.A.             | 42 0   | 8 4  | 3 6   | 9                               | 6  | 2 sc.  | Leo Kirvin, Calandar, Ont.  |
| 126445       | Julia V.                        | Kenora                                   | 1908                   | Kenora, Ont.                          | 56 0   | 12 0   | 4 0   | 42                              | 22   | 2 sc.  | Frederick J. Shortt, Kenora, Ont., and Jas. C. Simpson, Winnipeg, Man., J.O.          |

SESSIONAL PAPER No. 22

| 106580 | Julian V. O'Brien | Collingswood       | Buffalo, N.Y., U.S.A.    | 70 0  | 16 5 | 8 2       | 59    | 31    | 29 sc.     | Port Arthur Construction Co., Ltd., Toronto, Ont.   |
|--------|-------------------|--------------------|--------------------------|-------|------|-----------|-------|-------|------------|---|
| 1882   | 129860            | Montreal           | Sorel, Que.              | 68 0  | 14 8 | 6 0       | 62    | 29    | 24 sc.     | Robidoux Land Co., Ltd., 441 LaGaucheliere St. W., Montreal, Que.                         |
| 1912   | 141837            | Montreal           | Duluth, Minn., U.S.A.    | 251 0 | 43 7 | 22 2      | 2,456 | 140   | 30 sc.     | Julius Kessler Corp., Ltd., 125 St. James St., Montreal, Que.                             |
| 1914   | 131216            | Montreal           | Laluce, Me., U.S.A.      | 60 5  | 13 7 | 6 6       | 35    | 18    | 9 sc.      | Atlantic Dredging Co., Ltd., Louisville, N.S.   |
| 1897   | 131217            | Sydney, N.S.       | Malbone Bay, N.S.        | 35 0  | 8 6  | 3 7       | 6     | 12    | 1 sc.      | William Roche, Roche's Wharf, Halifax, N.S.   |
| 1907   | 122421            | Halifax            | Barrington Passage, N.S. | 38 8  | 9 8  | 4 8       | 13    | 12    | 1 sc.      | John C. Martin, Ketch Harbour, N.S.   |
| 1919   | 138696            | Barrington Passage | Godertich, Ont.          | 62 0  | 14 0 | 6 0       | 28    | 19    | 40 sc.     | John B. Paine, Toronto, Ont.  |
| 1887   | 90764             | Godertich          |                          |       |      |           |       |       |            |   |
| 1920   | 141637            | La Have            | Liverpool, N.S.          | 125 8 | 27 6 | 11 0      | 196   | 109   | 7 sc.      | Southern Salvage Co., Ltd., et al., Liverpool, N.S.                                       |
| 1911   | 137944            | Vancouver          | Vancouver, B.C.          | 42 0  | 9 3  | 4 6       | 15    | 10    | 2 sc.      | Cargill Co. of Canada, Ltd., 915 Government St., Victoria, B.C.                           |
| 1918   | 141818            | Vancouver          | Vancouver, B.C.          | 26 0  | 9 2  | 3 9       | 8     | 6     | 1 sc.      | Thos. A. Edge, Vancouver, B.C.  |
| 1909   | 134472            | Montreal           | Penetanguishene, Ont.    | 34 9  | 7 5  | 2 4       | 4     | 3     | 2 sc.      | John B. Stacey, Coughnawaga, Que.   |
| 1918   | 140853            | Vancouver          | Vancouver, B.C.          | 52 6  | 14 3 | 6 0       | 47    | 16    | 3 sc.      | The Canadian Fishing Co., Ltd., Gore Ave., Vancouver, B.C.                                |
| 1920   | 141788            | New Westminster    | Steveston, B.C.          | 42 2  | 10 3 | 4 9       | 17    | 11    | 1 sc.      | Kanazuchi Kanamoto, Steveston, B.C.   |
| 1920   | 141611            | Victoria           | Victoria, B.C.           | 36 2  | 10 8 | 5 5       | 12    | 6     | 13 sc.     | Geo. C. Kyle, Victoria, B.C.  |
| 1920   | 141789            | New Westminster    | Steveston, B.C.          | 40 5  | 9 9  | 5 3       | 14    | 8     | 1 sc.      | Naomoto Akane, Steveston, B.C.  |
| 1909   | 96989             | Kaslo              | Kootenay Lake, B.C.      | 62 0  | 13 5 | 6 0       | 51    | 35    | 13 sc.     | C. Sweeney, Vancouver, B.C.   |
| 1921   | 12175             | Toronto            | Toronto, Ont.            | 63 0  | 9 3  | 4 0       | 22    | 15    | 4 sc.      | H. M. Mowat, Toronto, Ont.  |
| 1915   | 137969            | Montreal           | Montreal, Que.           | 58 4  | 18 4 | 5 9       | 58    | 23    | 6 sc.      | The Minister of Public Works, Ottawa, Ont.  |
| 1905   | 906               | Kenora             | Kenora, Ont.             | 70 0  | 14 5 | 4 0       | 76    | 52    | 3 sc.      | Albert Robertson and Russell E. Doucet, J.O., Kenora, Ont.                                |
| 1910   | 121912            | Kathleen           |                          |       |      |           |       |       |            |   |
| 1907   | 126031            | Liverpool          | Liverpool, N.S.          | 75 1  | 16 4 | 7 1       | 63    | 38    | 10 sc.     | The Minister of Railways and Canals, Ottawa, Ont.   |
| 1923   | 112235            | Kathleen           | St. John, N.B.           | 38 7  | 7 4  | 3 5       | 6     | 4     | 8 sc.      | David McPherson, Lancaster, N.B.  |
| 1920   | 141639            | Kathleen Conrad    | La Have                  | 113 8 | 26 0 | 10 3      | 141   | 132   | 2 sc.      | Joseph Conrad, M.O., Upper La Have, N.S.  |
| 1905   | 126355            | Kathleen D.        | Isle aux Coudures, Que.  | 46 8  | 15 5 | 5 0       | 28    | 19    | 2 sc.      | J. T. Donohue, Charles Donohue, Murray Bay, Que., and Sir E. Forget, Montreal, Que., J.O. |
| 1896   | 103687            | Katie              | Toronto                  | 30 0  | 6 7  | 2 8       | 4     | 3     | — sc.      | C. P. Chisholm, Oakville, Ont.  |
| 1907   | 107871            | Kawartha           | Bobcaygeon, Ont.         | 46 0  | 9 6  | 3 6       | 17    | 11    | 8 sc.      | William Burgoyne, Fenelon Falls, Ont.   |
| 1907   | 126794            | Vancouver          | Steveston, B.C.          | 39 0  | 8 8  | 4 5       | 11    | 8     | 2 sc.      | Skeena River Fisheries, Ltd., Vancouver, B.C.   |
| 1907   | 130914            | Vancouver          | North Vancouver, B.C.    | 54 2  | 13 9 | 5 4       | 27    | 18    | 2 sc.      | The Packers Steamship Co., Ltd., Vancouver, B.C.  |
| 1913   | 134459            | Toronto            | Loring, Ont.             | 69 0  | 14 7 | 3 9       | 85    | 52    | 8 sc.      | Arthur Walton, Loring, Ont.   |
| 1914   | 130224            | Owen Sound         | Owen Sound, Ont.         | 30 9  | 9 0  | 6 6       | 10    | 6     | 1 sc.      | John C. Keenan, Owen Sound, Ont.  |
| 1909   | 126548            | Kaybee             | Vancouver, B.C.          | 42 4  | 10 0 | 5 0       | 23    | 14    | 2 sc.      | The Minister of Marine and Fisheries, Ottawa, Ont.  |
| 1907   | 130265            | Kealey             | River Desert, Que.       | 36 0  | 12 0 | 3 3       | 20    | 14    | 2 pa.      | Gilmour & Hughson, Ltd., Ottawa, Ont.   |
| 1905   | 126411            | Keegan             | Toronto, Ont.            | 58 5  | 10 2 | 5 0       | 20    | 14    | 2 sc.      | Tennagami Steamboat & Hotel Co., Ltd., Tennagami, Ont.                                    |
| 1924   | 122414            | Keenan             | Midland, Ont.            | 91 0  | 20 8 | 10 0      | 133   | 91    | 37 1/2 sc. | Keenan Towing Co., Ltd., Owen Sound, Ont.   |
| 1910   | 103680            | Kenora             | Owen Sound, Ont.         | 119 9 | 28 0 | 8 3       | 486   | 269   | 298 sc.    | John F. Wallar, Winnipeg, Man.  |
| 1907   | 125985            | Koewatin           | Kenora, Ont.             | 336 5 | 43 8 | 23 6      | 3,856 | 2,479 | 2 pa.      | Canadian Pacific Railway Co., Montreal, Que.  |
| 1912   | 127189            | Kegabonga          | Govan, G.B.              | 36 0  | 16 0 | 3 3       | 14    | 2     | 1 sc.      | Gilmour & Hughson, Ltd., Ottawa, Ont.   |
| 1919   | 141703            | Keiniewisk         | Kegabonga Lake, Que.     | 29 9  | 6 6  | 3 7       | 3     | 2     | — sc.      | Simoon R. Craft, Amos, Que.   |
| 1917   | 134176            | Keith Cann         | Amos, Que.               | 120 0 | 25 8 | 11 8      | 299   | 177   | 53 sc.     | Hugh Cann & Son, Ltd., Yarmouth, N.S.   |
| 1920   | 150271            | Kelowna            | Shelburne, N.S.          | 89 0  | 19 4 | 8 0       | 96    | 35    | 27 sc.     | Canadian Pacific Railway Co., Montreal, Que.  |
| 1919   | 141296            | Kemano             | Okanagan Landing, B.C.   | 30 5  | 9 2  | 3 9       | 9     | 6     | 1 sc.      | Western Packers, Ltd., 1405 Standard Bank Bldg., Vancouver, B.C.                          |
| 1919   | 141439            | Kemi               | Vancouver, B.C.          | 25 4  | 7 6  | 3 5       | 6     | 4     | 3/4 sc.    | David Laiti, Sointula, B.C.   |
| 1904   | 130974            | Kenahoon           | Toronto, Ont.            | 30 6  | 6 7  | 3 7       | 4     | 3     | 1 sc.      | Alexander McIvor, Little Current, Ont.  |
| 1907   | 107745            | Kenivring          | Smith's Falls, Ont.      | 104 4 | 20 8 | 6 7       | 145   | 70    | 25 sc.     | Edward Smith, Storrington, Ont.   |
| 1882   | 88329             | Kenogami           | Quebec, Que.             | 48 7  | 12 8 | 5 0       | 21    | 14    | 10 sc.     | Evan J. Price, Quebec, Que.   |
| 1914   | 92715             | Kenome             | Quebec, Que.             | 54 2  | 13 5 | 6 9       | 18    | 7     | 1 sc.      | Jonathan B. Marsh, Economy, N.S.  |
| 1923   | 124235            | Kenora             | Truro, N.S.              | 249 9 | 20 5 | 1 9 7 1/2 | 1,289 | 161   | 161 sc.    | Jonathan B. Marsh, Economy, N.S.  |
|        |                   |                    | Dumbarton, G.B.          | 249 9 | 42 6 | 3 9       | 1,289 | 161   | 161 sc.    | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                           |

\*Formerly "Resolute."

\*Formerly "Winnanna", a recovered wreck.

\*Formerly "L. Robidoux."

\*Formerly "F. O." and a sailing vessel.

\*Formerly "William A. Haskell."

\*Formerly sailing vessel.

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations - Abréviations: **JO.**, Joint Owners - propriétaires conjoints; **MO.**, Managing owner - propriétaires gérant; **Pa.**, Paddle - à aubes; **Sc.**, Screw - à hélice. © Equipped with Wireless - Muni de la T.S.F. - Nomes of Motor Vessels in Italics - Les noms des vapeurs à moteurs sont en italiques.

| Official No.             | Name of Ship.    | Port of Registry.   | Built.       | Where Built.                | Length in feet and inches.   | Breadth in feet and inches. | Depth in feet and inches.      | Gross Tonnage. | Registered Tonnage. | H.P. of Engines and Mode of Propulsion. | Owner or Managing Owner, and Address.   |
|--------------------------|------------------|---------------------|--------------|-----------------------------|------------------------------|-----------------------------|--------------------------------|----------------|---------------------|---|---|
| N <sup>o</sup> officiel. | Nom du navire.   | Port d'inscription. | Construit en | Lieu de construction.       | Longueur en pieds et toises. | Largeur en pieds et toises. | Profondeur en pieds et toises. | Tonnage brut.  | Tonnage enregistré. | C.V. et mode de propulsion.             | Armateur ou propriétaire gérant, et adresse.                                      |
| 103773                   | Kenton           | St. John, N.B.      | 1896         | Pictou, N.S.                | 59 6                         | 14 8                        | 6 1                            | 46             | 31                  | 14 sc.                                  | James S. Gregory, St. John, N.B.  |
| 130637                   | Kevonik          | St. John, N.B.      | 1910         | St. John, N.B.              | 23 9                         | 5 2                         | 2 4                            | 2              | 1                   | 3 sc.                                   | Freeman Carter, St. John, N.B.  |
| 122583                   | Kermeos          | New Westminster     | 1908         | Yarmouth, N.S.              | 34 0                         | 9 6                         | 4 0                            | 8              | 4                   | 2 sc.                                   | Geo. S. Lee, Halifax, N.S.  |
| 126172                   | Kerland          | Ottawa              | 1907         | New Westminster, B.C.       | 39 5                         | 8 9                         | 4 8                            | 11             | 7                   | 1 sc.                                   | W. J. Kerr, Ltd., New Westminster, B.C.   |
| 116332                   | Kesler           | Port Arthur         | 1903         | Vancouver, B.C.             | 126 0                        | 24 0                        | 12 2                           | 31             | 188                 | 59 sc.                                  | Panning Island, Ltd., Old Jewry London, E.C., England.                            |
| 116379                   | Kestrel          | Port Arthur         | 1904         | Port Arthur, Ont.           | 36 5                         | 9 5                         | 4 0                            | 13             | 9                   | 3 sc.                                   | E. C. Tripp, Cloud Bay, Ont.  |
| 111594                   | Kewanee          | Winnipeg            | 1900         | Toronto, Ont.               | 38 0                         | 8 0                         | 3 5                            | 7              | 5                   | 3 sc.                                   | Mrs. Mary Schell, Graydonhurst, Ont.  |
| 130278                   | Kezope           | Chatham, N.B.       | 1912         | Selkirk, Man.               | 53 0                         | 10 9                        | 5 0                            | 26             | 18                  | 4 sc.                                   | David J. Lalonde, Oakville, Man.  |
| 138652                   | Keybank          | Montreal            | 1916         | Hamack, N.B.                | 41 0                         | 11 7                        | 4 6                            | 13             | 11                  | 1 sc.                                   | Pierre F. Ache, Shippigan, N.B.   |
| 131111                   | Keybell          | Victoria            | 1912         | Collingwood, Ont.           | 258 0                        | 42 6                        | 17 2                           | 1,730          | 1,251               | 953 sc.                                 | The Keystone Transportation Company of Canada, Ltd., 53 Craig St., Montreal, Que. |
| 131036                   | Kid              | Victoria            | 1898         | U.S.A.                      | 28 8                         | 9 0                         | 3 7                            | 9              | 8                   | 1 sc.                                   | Harold D. Payne, Satarua Is., B.C.  |
| 133868                   | Kikapou          | Vancouver           | 1913         | Vancouver, B.C.             | 30 5                         | 12 2                        | 4 5                            | 10             | 7                   | 1 sc.                                   | William H. Taylor, Vancouver, B.C.  |
| 132391                   | Kikau            | New Westminster     | 1914         | Steveston, B.C.             | 35 0                         | 9 0                         | 4 2                            | 10             | 7                   | 1 sc.                                   | Iwakochi Sozaki, Steveston, B.C.  |
| 100059                   | Kilbarne         | Vancouver           | 1887         | Alexandra Bay, N.Y., U.S.A. | 45 0                         | 7 0                         | 3 7                            | 15             | 10                  | 10 sc.                                  | R. J. Brodie, Smith's Falls, Ont.   |
| 138162                   | Kildah           | Vancouver           | 1916         | Vancouver, B.C.             | 58 9                         | 11 3                        | 6 3                            | 44             | 30                  | 10 sc.                                  | Kildaha Packing Company, Ltd., 193 Hastings St. E., Vancouver, B.C.               |
| 100109                   | Kildare          | Hamilton            | 1901         | Hamilton, Ont.              | 32 0                         | 7 5                         | 3 6                            | 5              | 4                   | 3 sc.                                   | William Ladarelle, Hamilton, Ont.   |
| 09888                    | Kildonan         | Vancouver           | 1891         | Victoria, B.C.              | 68 3                         | 14 2                        | 6 9                            | 51             | 32                  | 14 sc.                                  | Eyans, Coleman & Evans, Ltd., Vancouver, B.C.                                     |
| 132810                   | Kildrar          | Vancouver           | 1913         | Vancouver, B.C.             | 32 4                         | 12 2                        | 5 5                            | 47             | 40                  | 2 sc.                                   | Walker C. Bloomfield, Vancouver, B.C.   |
| 17114                    | Kilbrayney Belle | Collingwood         | 1892         | Collingwood, Ont.           | 52 0                         | 12 0                        | 5 6                            | 28             | 19                  | 3 sc.                                   | The Maitland Ranch & Lumber Co., Ltd., Walkerville, Ont.                          |
| 131106                   | Kildak           | Vancouver           | 1914         | Nanaimo, B.C.               | 56 7                         | 14 6                        | 7 2                            | 41             | 28                  | 3 sc.                                   | Northern B.C. Fisheries, Ltd., 101 Winch Bldg., Vancouver, B.C.                   |
| 141722                   | Kiltash          | Vancouver           | 1920         | Vancouver, B.C.             | 87 6                         | 20 4                        | 10 3                           | 135            | 60                  | 9 sc.                                   | Western Packers, Ltd., 1414/510 Hastings St. W., Vancouver, B.C.                  |
| 138480                   | Kimble           | Parrissboro         | 1914         | Port Greenville, N.S.       | 43 0                         | 11 0                        | 4 0                            | 13             | 5                   | 6 sc.                                   | James E. George, Parrissboro, N.S.  |
| 131145                   | Kincospat        | Vancouver           | 1912         | Nanaimo, B.C.               | 43 9                         | 10 2                        | 4 5                            | 15             | 10                  | 5 sc.                                   | Northern B.C. Fisheries, Ltd., 101 Winch Bldg., Vancouver, B.C.                   |
| 120828                   | Kimburn          | Lancaster           | 1910         | Mahono Bay, N.S.            | 104 2                        | 21 6                        | 10 5                           | 168            | 79                  | 283 sc.                                 | The North Bay Steamship Co., Ltd., Port Hood, N.S.                                |
| 140955                   | Kindaka          | New Westminster     | 1918         | Steveston, B.C.             | 56 5                         | 13 2                        | 3 8                            | 9              | 6                   | 1 sc.                                   | Dan Daniels, Cloosee, B.C.  |
| 121207                   | King Albert      | Charlottetown       | 1901         | Nova Scotia                 | 23 0                         | 13 5                        | 5 0                            | 23             | 10                  | 10 sc.                                  | Pascal C. Gallant, Summerside, P.E.I.   |
| 110213                   | King Bird        | Quebec              | 1898         | Sorel, Que.                 | 34 8                         | 6 0                         | 3 0                            | 5              | 4                   | 1 sc.                                   | Chas. Fagge, Three Rivers, Que.   |

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| 106318 | King Edward  | Belleville         | 1907 | 50 5  | 9 9  | 5 1   | 24    | 16    | 2 sc.   | Mrs. Emma J. Darling, Callander, Ont.  |
|--------|--------------|--------------------|------|-------|------|-------|-------|-------|---------|--|
| 138663 | King Philip  | Barrington Passage | 1918 | 37 4  | 10 4 | 4 8   | 14    | 12    | 1 sc.   | Stanley E. O'Brien, Clarks Harbour, N.S.   |
| 134063 | Kiwoac       | Vancouver          | 1914 | 38 9  | 10 4 | 4 3   | 18    | 12    | 1 sc.   | Kingome Navigation Co., Ltd., Vancouver, B.C.  |
| 133880 | Kiwoac       | Vancouver          | 1909 | 30 7  | 11 2 | 5 2   | 15    | 10    | 2 sc.   | Tommy Nakatuka, Claxton, B.C.  |
| 138168 | Kiwoac No. 1 | Vancouver          | 1916 | 37 0  | 11 2 | 5 2   | 15    | 10    | 1 sc.   | Pratt Packing Co., Ltd., 304 Winch Bldg., Vancouver, B.C.  |
| 116885 | Kingfisher   | Kenora             | 1904 | 67 0  | 14 7 | 10 2  | 77    | 52    | 19 sc.  | Porto Fomento Lumber Co., Ltd., St. Boniface, Man.   |
| 111654 | Kingston     | Toronto, Ont.      | 1901 | 288 0 | 36 2 | 13 3  | 2,923 | 1,369 | 273 pa. | The Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                                |
| 94760  | Kingsville   | St. John, N.B.     | 1889 | 47 5  | 14 2 | 7 5   | 37    | 25    | 40 sc.  | John D. Sewell, Gibson, N.B.   |
| 122938 | Kingsway     | Vancouver          | 1906 | 125 0 | 22 1 | 11 6  | 97    | 100   | 55 sc.  | The Canadian Fishing Co., Ltd., Vancouver, B.C.  |
| 137943 | Kipi         | Vancouver          | 1915 | 32 6  | 9 5  | 4 6   | 13    | 9     | 7 sc.   | Orchard Minamimaye, Eburne, B.C.   |
| 121973 | Kiara        | Victoria           | 1908 | 37 0  | 10 7 | 4 3   | 12    | 9     | 2 sc.   | Chief Commissioner of Lands, Victoria, B.C.  |
| 138172 | Kipling      | Prince Rupert      | 1904 | 58 5  | 8 6  | 4 9   | 16    | 11    | 3 sc.   | The Grandy Consolidated Mining, Smelting & Power Company, Ltd., 718 Granville St., Vancouver, B.C. |
| 83159  | Kismet       | Belleville         | 1894 | 36 4  | 7 2  | 3 0   | 5     | 4     | 10 sc.  | D. D. Burrell, Belleville, Ont.  |
| 138608 | Kiaka        | New Westminster    | 1917 | 52 0  | 13 5 | 5 9   | 30    | 20    | 4 sc.   | Ononoteit Ferarish, Steveston, B.C.  |
| 139290 | Kiara        | Vancouver          | 1910 | 45 0  | 9 0  | 3 9   | 14    | 10    | 1 sc.   | Ononoteit Higashi, Nanaimo, B.C.   |
| 141012 | Kigora       | Vancouver          | 1918 | 53 0  | 14 2 | 6 0   | 41    | 16    | 1 sc.   | The Canadian Fishing Co., Ltd., Gore Ave., Vancouver, B.C.   |
| 126206 | Kivona       | Vancouver          | 1908 | 43 0  | 9 3  | 4 8   | 18    | 12    | 1 sc.   | Alfred E. Fain, Vancouver, B.C.  |
| 126617 | Kikaka       | Prince Rupert      | 1911 | 30 5  | 9 0  | 3 1   | 7     | 5     | 1 sc.   | Pater Bases, M.O., Hartley Bay, B.C.   |
| 126736 | Kitlap       | Vancouver          | 1910 | 56 1  | 13 0 | 5 8   | 34    | 18    | 4 sc.   | Western Packers, Ltd., 44 Standard Bank Bldg., Vancouver, B.C.                                     |
| 116240 | Kitie        | Weymouth           | 1891 | 27 0  | 10 4 | 3 5   | 5     | 5     | 1 sc.   | Wain S. Lant, Weymouth, N.S.   |
| 126424 | Kittimouse   | Vancouver          | 1909 | 21 7  | 9 4  | 3 2   | 5     | 2     | 1 sc.   | John William Paine, Victoria, B.C.   |
| 134352 | Kitwaka      | Montreal           | 1911 | 48 0  | 11 3 | 7 0   | 23    | 16    | 2 sc.   | Oscar E. Fleming, Wexford, Ont.  |
| 134297 | Kitty S.     | New Westminster    | 1914 | 32 0  | 8 0  | 4 2   | 17    | 11    | 1 sc.   | George E. Sellens, Port Langley, B.C.  |
| 133844 | Kitnaga      | Vancouver          | 1913 | 44 0  | 12 0 | 4 6   | 17    | 11    | 9 sc.   | The Packers Steamship Co., Ltd., Vancouver, B.C.   |
| 141727 | Ki-an-Che    | Vancouver          | 1919 | 41 3  | 11 6 | 5 0   | 25    | 14    | 7 sc.   | Napleski Timber Co., Ltd., 197 Standard Bank Bldg., Vancouver, B.C.                                |
| 126202 | Klathum      | Vancouver          | 1907 | 63 9  | 14 4 | 6 5   | 43    | 29    | 5 sc.   | Edwin D. Taylor, Vancouver, B.C.   |
| 130915 | Klatava      | Toronto            | 1912 | 39 0  | 10 0 | 5 0   | 15    | 10    | 3 sc.   | The Packers Steamship Co., Ltd., Vancouver, B.C.   |
| 116257 | Klein        | Toronto            | 1903 | 33 0  | 13 4 | 5 5   | 24    | 16    | 2 sc.   | Mrs. Elizabeth A. Knowles, Toronto, Ont.   |
| 141305 | Kekane       | Vancouver          | 1914 | 55 0  | 13 3 | 5 5   | 19    | 7     | 2 sc.   | John D. McAlroy, Butehead, B.C.  |
| 126942 | Kluhane      | Victoria           | 1910 | 44 5  | 12 0 | 5 7   | 21    | 14    | 2 sc.   | Isaac Taylor and Wm. St. Duny, J.O., White Horse, Y. T.  |
| 129076 | Kluhne       | Vancouver          | 1908 | 35 0  | 8 0  | 3 8   | 9     | 7     | 1 sc.   | H. Bell-Irving & Co. Ltd., Vancouver, B.C.   |
| 130451 | Knap         | Victoria           | 1911 | 35 0  | 8 0  | 3 8   | 9     | 7     | 1 sc.   | Charles F. Todd, Victoria, B.C.  |
| 126204 | Kobe         | Vancouver          | 1908 | 41 0  | 10 0 | 4 1   | 15    | 10    | 1 sc.   | P. A. Jones and S. B. Simpson, J.O., New Westminster, B.C.   |
| 135522 | Koeye        | Vancouver          | 1916 | 52 6  | 13 2 | 6 0   | 31    | 21    | 4 sc.   | Northern B.C. Fisheries, Ltd., 101 Winch Bldg., Vancouver, B.C.                                    |
| 106305 | Kokanee      | New Westminster    | 1896 | 142 5 | 24 8 | 5 7   | 348   | 165   | 19 pa.  | Canadian Pacific Railway Co., Montreal, Que.   |
| 138623 | Komba        | Winnipeg           | 1916 | 40 6  | 9 3  | 4 3   | 17    | 11    | 1 sc.   | The Bishop of Mackenzie River Corporation (Sole), Fort Chipewyan, Alta.                            |
| 126833 | Konomic      | Vancouver          | 1910 | 57 0  | 12 6 | 6 0   | 33    | 22    | 2 sc.   | Fredrick T. Schooley, Vancouver, B.C.  |
| 91901  | Korona       | Montreal           | 1886 | 344 0 | 40 2 | 26 5  | 1,871 | 600   | 3 sc.   | Quebec Steamship Co., 42 St. Sacrament St., Montreal, Que.   |
| 141327 | Koska        | New Westminster    | 1919 | 34 8  | 8 5  | 3 6   | 8     | 5     | 1 sc.   | Takuzo Nazata, Steveston, B.C.   |
| 141531 | Kosiga       | New Westminster    | 1919 | 38 6  | 9 1  | 4 2   | 11    | 6     | 4 sc.   | Takuzo Terashita, Steveston, B.C.  |
| 138483 | Kobo         | New Westminster    | 1916 | 28 6  | 7 2  | 3 6   | 5     | 4     | 1 sc.   | Shizumaru Iwasaki, Steveston, B.C.   |
| 128672 | Kopusa II    | Prince Rupert      | 1917 | 32 6  | 9 0  | 4 0   | 9     | 6     | 1 sc.   | Mary Shrubbsal, Prince Rupert, B.C.  |
| 126328 | Kain         | Vancouver          | 1907 | 23 4  | 6 0  | 2 6   | 4     | 2     | 1 sc.   | Henry E. Forrer, Vancouver, B.C.   |
| 134646 | Kallat       | Victoria           | 1916 | 42 4  | 8 8  | 5 3   | 14    | 8     | 1 sc.   | Sarah J. Mayne, Island P.O., B.C.  |
| 134274 | Kalpatlos    | Victoria           | 1913 | 31 2  | 8 6  | 4 8   | 10    | 6     | 1 sc.   | Northern B.C. Fisheries, Ltd., 101 Winch Bldg., Vancouver, B.C.                                    |
| 134643 | Karp         | Victoria           | 1914 | 42 2  | 9 6  | 3 8   | 14    | 9     | 1 sc.   | Albert Braunberg, Nanaimo, B.C.  |
| 121758 | Kuskanook    | Vancouver          | 1906 | 193 5 | 30 9 | 1 008 | 548   | 32    | pa.     | Canadian Pacific Ry., Co., Montreal, Que.  |
| 141425 | Kawana       | Vancouver          | 1915 | 35 6  | 11 0 | 3 9   | 17    | 11    | 1 sc.   | Jas. D. Grant and John Thomas, J.O., Vancouver, B.C.   |
| 130318 | Kwasind      | Toronto            | 1912 | 71 0  | 15 0 | 5 7   | 47    | 32    | 8 sc.   | The Royal Canadian Yacht Club, Toronto, Ont.   |
| 141838 | Kwe Kwe      | Montreal           | 1918 | 20 2  | 4 5  | 1 3   | 4     | 0     | 3 sc.   | Alfred Vedina, Amos, Que.  |

\*Formerly "Fredrick A." †Formerly "Monmouthshire" ‡Formerly "Rosina K." §Formerly a sailing vessel ¶Formerly name "Sunshine."

ALPHABETICAL List of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—Abréviations: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Paddle—à aubes; Sc., Screw—à hélice. © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in Italic—Les noms des vapeurs à moteurs sont en italique.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built<br>Construction | Where Built.<br>Lieu de construction. | Length in feet and 10ths. | Breadth in feet and 10ths. | Largeur en pieds et 10es. | Depth in feet and 10ths. | Gross Tonnage.<br>Poids brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.   | Owner of Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|-----------------------|---------------------------------------|---------------------------|----------------------------|---------------------------|--------------------------|-------------------------------|--|---|---|
| 126884       | <i>Kyac</i>                     | Vancouver                                   | 1910                  | North Vancouver, B.C.                 | 55 0                      | 13 3                       | 6 2                       | 29                       | 30                            | 3 sc...                                    | Packer's Steamship Co. Ltd., Vancouver, B.C.  |   |
| 138164       | <i>Kynoch</i>                   | Vancouver                                   | 1916                  | Steveston, B.C.                       | 45 3                      | 14 6                       | 5 7                       | 39                       | 21                            | 2 sc...                                    | Cosse-Milhard Packing Company, Ltd., 597 Hastings St. W., Vancouver, B.C.                   |   |
| 130699       | <i>Kyrielle</i>                 | Vancouver                                   | 1893                  | Port Blakely, Wash., U.S.A.           | 38 2                      | 12 9                       | 6 1                       | 11                       | 10                            | 1 sc...                                    | Wm. C. Schein, Vancouver, B.C.  |   |
| 134566       | <i>L. A. D.</i>                 | New Westminster                             | 1914                  | Steveston, B.C.                       | 42 0                      | 10 4                       | 4 2                       | 16                       | 11                            | 2 sc...                                    | The Preston Packing Co., Ltd., 739 Hastings St, Vancouver, B.C.                             |   |
| 126510       | <i>L. C. J. V.</i>              | Victoria                                    | 1909                  | Victoria, B.C.                        | 97 6                      | 8 8                        | 3 8                       | 9                        | 6                             | 21 sc...                                   | Monk, Vancouver, Port Alberni, B.C.   |   |
| 141020       | <i>L. H. R.</i>                 | Vancouver                                   | 1917                  | Roberts Creek, B.C.                   | 39 0                      | 8 2                        | 3 8                       | 7                        | 4                             | 1 sc...                                    | Frank H. Roberts, Roberts Creek, B.C.   |   |
| 131390       | <i>L. O. B. Co.</i>             | Ottawa                                      | 1912                  | Duck Island, Ont.                     | 42 6                      | 9 7                        | 5 2                       | 10                       | 11                            | 21 sc...                                   | The Lorr Ottawa Boom Co. Ltd., Ottawa, Ont.   |   |
| 141057       | <i>L. H. Fleet</i>              | Lancaster                                   | 1919                  | Tuncoke, N.S.                         | 45 0                      | 13 0                       | 5 4                       | 17                       | 15                            | 1 sc...                                    | Obadiah and Holland Fleet, Blanford, N.S.   |   |
| 138770       | <i>L. M. Smith</i>              | Halifax                                     | 1919                  | Sheet Harbour, N.S.                   | 62 0                      | 20 0                       | 8 0                       | 67                       | 62                            | 1 sc...                                    | R. H. Martin, Sheet Harbour, N.S. and R. C. Smith, Halifax, N.S.                            |   |
| 141815       | <i>L. O. Bill</i>               | Vancouver                                   | 1920                  | North Vancouver, B.C.                 | 45 3                      | 13 5                       | 6 3                       | 28                       | 19                            | 2 sc...                                    | Edward Ingham, Vancouver, B.C. and Wm. Burrows, N. Vancouver, B.C.                          |   |
| 126153       | <i>L. Paul</i>                  | Sorel                                       | 1909                  | Sorel, Que.                           | 55 2                      | 14 0                       | 7 2                       | 23                       | 16                            | 1 sc...                                    | Alphonse Desrochers, Sorel, Que.  |   |
| 138795       | <i>L. Petite du Nord</i>        | Quebec                                      | 1913                  | Bic, Que.                             | 37 0                      | 13 5                       | 4 2                       | 16                       | 6                             | 4 sc...                                    | Mrs. N. P. Turgeon, Beauveville, Que.   |   |
| 130691       | <i>L. Original Jay</i>          | Montreal                                    | 1912                  | L'Original, Ont.                      | 54 2                      | 13 5                       | 5 1                       | 33                       | 16                            | 4 sc...                                    | Abithi Power & Paper Co., Ltd., 83 Craig St. W., Montreal, Que.                             |   |
| 130748       | <i>La Bohème</i>                | Vancouver                                   | 1880                  | Port Glasgow, G.B.                    | 35 0                      | 9 0                        | 4 6                       | 11                       | 8                             | 2 sc...                                    | Frederick G. Aldous, Victoria, B.C.   |   |
| 82778        | <i>La Canadienne</i>            | Ottawa                                      | 1884                  | U.S.A.                                | 154 3                     | 22 7                       | 10 9                      | 372                      | 227                           | 60 sc...                                   | The Abnatie Towing Co., Ltd., 35 Bedford Row, Halifax, N.S.                                 |   |
| 88616        | <i>La Haro Packet</i>           | Lancaster                                   | 1904                  | Malbone Bay, N.S.                     | 72 0                      | 21 4                       | 8 8                       | 73                       | 68                            | 1 sc...                                    | Hudson's Bay Co., Ltd., London, England   |   |
| 131013       | <i>La Jeannette</i>             | Quebec                                      | 1910                  | Chicoutimi, Que.                      | 28 8                      | 9 6                        | 2 7                       | 12                       | 8                             | 3 sc...                                    | Alfred Girard, St. Fugéennes, Que.  |   |
| 90884        | <i>La Tour</i>                  | Quebec                                      | 1888                  | Yarmouth, N.S.                        | 47 3                      | 20 7                       | 7 5                       | 154                      | 99                            | 30 sc...                                   | Lueth Cann & Son, Ltd., Yarmouth, N.S.  |   |
| 141363       | <i>La Yvette</i>                | Montreal                                    | 1907                  | Long Island City, N.Y., U.S.A.        | 44 0                      | 10 6                       | 5 0                       | 17                       | 15                            | 21 sc...                                   | Albert W. Atwater, Montreal, Que.   |   |
| 141743       | <i>La Rabator</i>               | Quebec                                      | 1918                  | Lanzon, Que.                          | 125 0                     | 23 4                       | 13 6                      | 317                      | 174                           | 61 sc...                                   | Gulf of St. Lawrence Shipping & Trading Co., Ltd., 406 Board of Trade Bldg., Montreal, Que. |   |
| 133901       | <i>La St. Pierre</i>            | Sorel                                       | 1901                  | Sorel, Que.                           | 90 0                      | 22 3                       | 8 5                       | 159                      | 57                            | 48 sc...                                   | The Minister of Marine and Fisheries, Ottawa, Ont.  |   |
| 131125       | <i>La Lachine</i>               | Ottawa                                      | 1912                  | Montreal, Que.                        | 40 0                      | 13 8                       | 6 4                       | 36                       | 15                            | 163 sc...                                  | The Minister of Railways and Canals, Ottawa, Ont.   |   |
| 133586       | <i>La Zadr</i>                  | Vancouver                                   | 1913                  | Steveston, B.C.                       | 33 2                      | 9 4                        | 4 2                       | 11                       | 7                             | 1 sc...                                    | Bloedel, Stewart & Welsh, Ltd., 510 Hastings St. W., Vancouver, B.C.                        |   |

LIST OF STEAM VESSELS

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| Number | Name                    | Port            | Tonnage | Engines | Speed | Class | Agent  |
|--------|-------------------------|-----------------|---------|---------|-------|-------|--|
| 134308 | <i>Leather Boy</i>      | New Westminster | 1912    | 30 0    | 8 0   | 3 0   | George W. Dixon, North Gabrielle, B.C.                               |
| 131122 | <i>Lady Auto</i>        | Ottawa          | 50 2    | 10 1    | 4 6   | 12    | Nelson Paquette, Rockland, Ont.                                      |
| 190680 | <i>Lady Evelyn</i> ○    | Quebec          | 189 0   | 26 1    | 9 5   | 192   | The Postmaster General, Ottawa, Ont.                                 |
| 130484 | <i>Lady Fraser</i>      | New Westminster | 35 2    | 9 0     | 1 2   | 14    | Lake Gibson, Pope, B.C.  |
| 122014 | <i>Lady Grey</i> ○      | Ottawa          | 172 0   | 32 2    | 15 9  | 294   | The Minister of Marine and Fisheries, Ottawa, Ont.                   |
| 112389 | <i>Lady Laurier</i> ○   | Quebec          | 214 9   | 34 2    | 17 2  | 439   | The Minister of Marine and Fisheries, Ottawa, Ont.                   |
| 107498 | <i>Lady Laurier</i>     | Quebec          | 22 0    | 5 5     | 2 5   | 2     | P. Rousseau, Quebec, Que.  |
| 138621 | <i>Lady Mackworth</i>   | Winnipeg        | 56 9    | 11 0    | 3 7   | 21    | Peace River Development Corporation, Ltd., 605 Credit                |
| 134203 | <i>Lady May 3rd</i>     | Charlottetown   | 76 8    | 16 2    | 6 3   | 40    | Ponger Bldg., Vancouver, B.C.  |
| 120951 | <i>Lady Mine</i>        | A. Victoria     | 59 0    | 21 9    | 8 4   | 58    | Finley J. G. McDougall, Belle River, P.E.I.                          |
| 110631 | <i>Lady Minto</i>       | Ottawa          | 141 0   | 41 6    | 8 0   | 403   | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                 |
| 130044 | <i>Lady Nymph</i>       | Vancouver       | 34 2    | 11 7    | 5 0   | 14    | John Cowdry, Vancouver, B.C.   |
| 130836 | <i>Lady Van</i>         | Vancouver       | 33 0    | 9 5     | 4 6   | 10    | John R. Payne, New Westminster, B.C.                                 |
| 78544  | <i>Lady of Gaspe</i>    | Quebec          | 229 7   | 31 0    | 16 1  | 237   | Novia Scotia Steamships, Ltd., 165 Hollis St., Halifax, N.S.         |
| 112151 | <i>Lady of the Lake</i> | Kingston        | 41 8    | 8 0     | 3 6   | 7     | Chas. J. Gibson, Toronto, Ont.                                       |
| 100280 | <i>Lady of the Lake</i> | Peterborough    | 60 0    | 10 5    | 3 9   | 33    | W. B. Kelly, Bridgenorth, Ont.                                       |
| 103661 | <i>Lady of the Lake</i> | Winnipeg        | 105 0   | 18 5    | 8 9   | 201   | Riverton Fish Co., Ltd., 908 Confederation Life Bldg., Win-          |
| 111975 | <i>Laird MacAulay</i>   | Southampton     | 74 0    | 17 0    | 7 8   | 88    | pipe, Man.   |
| 134494 | <i>Lake Annapolis</i>   | Vancouver       | 42 4    | 9 2     | 4 9   | 14    | Donald McAulay, Southampton, Ont.                                    |
| 134084 | <i>Lake Brudenell</i>   | Vancouver       | 44 2    | 12 2    | 4 9   | 15    | Sotaro Isogai, Vancouver, B.C.                                       |
| 88527  | <i>Lake Michigan</i>    | Hamilton        | 136 0   | 23 9    | 11 5  | 402   | Wm. H. Armstrong, Central Park, B.C.                                 |
| 90778  | <i>Lakeside</i>         | Toronto         | 121 0   | 26 0    | 9 3   | 348   | Point Anne Quarries, Ltd., Toronto, Ont.                             |
| 437906 | <i>Laketon</i> ○        | Toronto         | 416 0   | 30 0    | 24 0  | 4,423 | John E. Russell, Toronto, Ont.                                       |
| 126450 | <i>Lambton</i>          | Ottawa          | 108 0   | 25 1    | 12 7  | 323   | Mathews Steamship Co., Ltd., 703 Board of Trade Bldg., Toronto, Ont. |
| 109878 | <i>Lamonde</i>          | Kingston        | 59 0    | 10 0    | 4 0   | 33    | The Minister of Marine and Fisheries, Ottawa,                        |
| 141857 | <i>Launette</i>         | Montreal        | 58 0    | 13 0    | 4 5   | 27    | T. N. Martin, Glenora, Ont., Samuel J. Collier, Picton, Ont.         |
| 133985 | <i>Launette</i>         | New Westminster | 58 0    | 13 0    | 4 5   | 27    | and Jno. N. Palmateer, Cherry Valley, Ont.                           |
| 134462 | <i>Langemarek</i>       | Halifax         | 44 2    | 11 8    | 7 2   | 19    | Frank Bias, Annos, Que.  |
| 126858 | <i>Lansdowne</i>        | Sorel, Que.     | 78 5    | 18 2    | 7 4   | 40    | The British Columbia Sulphite Co., Ltd., Merchants Bank              |
| 88620  | <i>Lansdowne</i>        | Windsor, Ont.   | 294 0   | 41 3    | 13 0  | 1,571 | Bldg., Vancouver, B.C.   |
| 134356 | <i>Larprare V</i>       | Montreal        | 21 8    | 5 9     | 2 4   | 2     | James W. Harrison, Halifax, N.S.                                     |
| 103891 | <i>Larprare V</i>       | New Westminster | 42 2    | 9 6     | 3 6   | 10    | The Minister of Marine and Fisheries, Ottawa, Ont.                   |
| 140012 | <i>Larprare Chief</i>   | Vancouver       | 35 3    | 9 5     | 4 0   | 11    | Grand Trunk Railway Co., Montreal, Que.                              |
| 117092 | <i>Laas of Gouville</i> | Archard         | 39 3    | 12 5    | 5 7   | 16    | Dalviela Meloche, Laprairie, Que.                                    |
| 112225 | <i>Latona</i>           | St. John, N.B.  | 53 9    | 12 9    | 5 1   | 29    | Fred Robertson Lumber Co., Ltd., Revelstoke, B.C.                    |
| 85531  | <i>Laura</i>            | Chatham, N.B.   | 53 3    | 10 5    | 4 9   | 19    | Geo. C. South, Vancouver, B.C.                                       |
| 116989 | <i>Laura A</i>          | Halifax         | 54 0    | 12 0    | 5 0   | 24    | Annie Landry, Petit de Grat, N.S.                                    |
| 141450 | <i>Laura B</i>          | Kingston        | 54 0    | 12 0    | 5 0   | 24    | The St. John River Log Driving Co., Ltd., Devon, N.B.                |
| 117130 | <i>Laura M. Levy</i>    | Kingston        | 54 0    | 12 0    | 5 0   | 24    | John C. Miller, Derby, N.B.  |
| 107278 | <i>Laura M. Levy</i>    | Kingston        | 54 0    | 12 0    | 5 0   | 24    | G. C. Allan, Fort Frances, Ont.                                      |
| 130916 | <i>Laurel Point</i>     | Vancouver       | 40 2    | 10 6    | 5 6   | 12    | Thos. M. Kirkwood, Montreal, Que.                                    |
| 141607 | <i>Laurel Point</i>     | Vancouver       | 40 2    | 10 6    | 5 6   | 12    | George A. Whitmarsh, Gamaque, Ont.                                   |
| 133867 | <i>Laurel Warden</i>    | Victoria        | 56 0    | 14 0    | 4 6   | 25    | Mrs. Besse Marshall, Rustico, P.E.I.                                 |
| 124855 | <i>Laurentia</i>        | Montreal        | 90 5    | 11 0    | 4 4   | 19    | Thomas McConnell, Lindsay, Ont.                                      |
| 113641 | <i>Laurentia</i> ○      | Quebec          | 119 0   | 22 2    | 7 7   | 357   | H. Bell Irving & Co., Ltd., Vancouver, B.C.                          |
| 130518 | <i>Lauret C</i>         | Waymouth        | 149 0   | 24 0    | 11 1  | 355   | Ling Choi and Ling Hop, Victoria, B.C.                               |
|        |                         |                 |         |         |       |       | Robert Purchart, Tod Inlet, B.C.                                     |
|        |                         |                 |         |         |       |       | Horace C. Stott, Valleyfield, Que.                                   |
|        |                         |                 |         |         |       |       | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal,           |
|        |                         |                 |         |         |       |       | Que.   |
|        |                         |                 |         |         |       |       | Wm. L. Comeau, Comeauville, N.S.                                     |
|        |                         |                 |         |         |       |       | "Zaza," formerly "Deerbound,"  |
|        |                         |                 |         |         |       |       | formerly a sailing vessel.   |
|        |                         |                 |         |         |       |       | formerly "Stranger,"   |
|        |                         |                 |         |         |       |       | formerly "Saxona," a recovered wreck.                                |
|        |                         |                 |         |         |       |       | formerly "King Edward,"  |

Foreign name "Kelpic" 3Formerly, "Foxhound," 4Formerly sailing vessel and "Mahone Bay Packet," 5Formerly "Stranger," 6Formerly "Rustigoche" and "Ruthlin." 7Foreign name "Saxona," a recovered wreck. 8Formerly "Stranger," 9Formerly "King Edward," 10Formerly "Lorancia."

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—*A.O.*, Joint Owners; proprietaires conjoints; *M.O.*, Managing owner—propriétaires gérants; *P.*, Paddle—à aubes; *S.*, Screw—à hélice.  
 ©Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vapeurs à moteurs sont en *italiques*.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en c.v. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, adresse. |
|--------------|---------------------------------|---|------------------------|---------------------------------------|---|---|--|---------------------------------|--|--|--|
| 138350       | <i>Laurin</i> .....             | Vancouver                                   | 1910                   | Vancouver, B.C.                       | 33 5  | 9 0   | 3 4  | 410                             | 5  | 1 sc.  | Joseph C. Sorey, Vancouver, B.C.   |
| 138351       | <i>Lauzon</i> .....             | Quebec                                      | 1910                   | Lauzon, Que.                          | 423 3   | 24 9  | 11 0   | 410                             | 261  | 32 sc.   | Lewis Ferry, Ltd., Lewis, Que.   |
| 138352       | <i>Lauri</i> .....              | Montreal                                    | 1912                   | Montreal, Que.                        | 33 8  | 10 0  | 3 2  | 9                               | 6  | 1 sc.  | Georges Harvey, Montreal, Que.   |
| 134353       | <i>Lauré No. 1</i> .....        | Montreal                                    | 1911                   | Montreal, Que.                        | 33 2  | 7 2   | 3 1  | 4                               | 4  | 1 sc.  | Georges Harvey, Montreal, Que.   |
| 134354       | <i>Lauré No. 2</i> .....        | Montreal                                    | 1912                   | Montreal, Que.                        | 33 0  | 6 0   | 3 4  | 2                               | 2  | 1 sc.  | Joseph F. Moray, Montreal, Que.  |
| 134355       | <i>Lauré No. 3</i> .....        | Montreal                                    | 1915                   | Montreal, Que.                        | 33 0  | 5 3   | 2 7  | 2                               | 2  | 1 sc.  | Joseph Harvey, Montreal, Que.  |
| 133356       | <i>Lavallée</i> .....           | Sorel                                       | 1912                   | Sorel, Que.                           | 81 2  | 21 7  | 10 8   | 195                             | 84   | 40 sc.   | Minister of Marine and Fisheries, Ottawa, Ont.                                     |
| 130357       | <i>Laurin</i> .....             | Vancouver                                   | 1910                   | Tanook, N.S.                          | 81 2  | 10 3  | 5 9  | 12                              | 11   | 3 sc.  | Robert S. McKay, Yarmouth, N.S.  |
| 130358       | <i>Laurin</i> .....             | Sorel                                       | 1912                   | Sorel, Que.                           | 84 2  | 21 7  | 10 8   | 213                             | 82   | 40 sc.   | The Minister of Marine and Fisheries, Ottawa, Ont.                                 |
| 132359       | <i>Lavoie</i> .....             | Montreal                                    | 1913                   | North Hatley, Que.                    | 45 6  | 10 9  | 5 2  | 18                              | 10   | 4 sc.  | Port Aux Quilles Lumber Co., Ltd., 112 St. James St., Montreal, Que.               |
| 130360       | <i>Laverne B.</i> .....         | Arichat                                     | 1891                   | Louisdale, N.S.                       | 29 6  | 9 8   | 4 8  | 11                              | 10   | 1 sc.  | Laverne B. Sampson, Louisdale, N.S.  |
| 103147       | <i>Le Colm.</i> .....           | Quebec                                      | 1891                   | Robert, Que.                          | 78 8  | 23 8  | 4 4  | 173                             | 109  | 1 pa.  | Quebec Development Co., Ltd., Montreal, Que.                                       |
| 138064       | <i>Le Pas.</i> .....            | Ottawa                                      | 1916                   | Fort Coulonge, Que.                   | 44 4  | 18 0  | 2 4  | 17                              | 11   | 1 pa.  | Theophilo Vaillancourt, Fort Coulonge, Que.  |
| 138414       | <i>Le Pas.</i> .....            | Winnipeg                                    | 1914                   | Selkirk, Man.                         | 50 0  | 11 5  | 4 6  | 23                              | 16   | 2 sc.  | The Minister of Public Works, Ottawa, Ont.   |
| 134128       | <i>Le Progress.</i> .....       | Quebec                                      | 1914                   | Lauzon, Que.                          | 126 5   | 34 2  | 11 0   | 465                             | 242  | 37 sc.   | La Corporation de la Cité des Trois-Rivières, Que.                                 |
| 137510       | <i>Le Quésnay</i> .....         | Toronto                                     | 1919                   | Toronto, Ont.                         | 251 0   | 43 7  | 20 0   | 7,742                           | 1,570                                      | 146 sc.  | The Nova Scotia Transportation Co., Ltd., Canada Life Bldg., Toronto, Ont.         |
| 116226       | <i>Le Roberval</i> .....        | Quebec                                      | 1902                   | Roberval, Que.                        | 85 8  | 22 5  | 4 4  | 126                             | 71   | 10 pa.   | Le Banque Nationale, Quebec, Que.  |
| 117112       | <i>Le Roi</i> .....             | Vancouver                                   | 1905                   | Vancouver, B.C.                       | 108 3   | 21 6  | 12 0   | 196                             | 133  | 51 sc.   | Les Roi Toy Boat Co., Ltd., 905 Dominion Bldg., Vancouver, B.C.                    |
| 116320       | <i>Le Roy Brooks.</i> .....     | Amherstburg                                 | 1891                   | Toledo Ohio, U.S.A.                   | 71 3  | 15 2  | 8 1  | 61                              | 42   | 19 sc.   | Jolin S. McQueen, Amherstburg, Ont.  |
| 100040       | <i>Les</i> .....                | Brookville                                  | 1897                   | Kingston, Ont.                        | 46 0  | 9 5   | 4 1  | 9                               | 7  | 4 sc.  | J. McGraw, Brookville, Ont.  |
| 122291       | <i>Lesbré</i> .....             | Victoria                                    | 1908                   | Victoria, B.C.                        | 123 5   | 28 8  | 11 1   | 323                             | 198  | 23 sc.   | Crescent Shipping Co., Ltd., Victoria, B.C.  |
| 133227       | <i>Lefebvre</i> .....           | Chatham, N.B.                               | 1913                   | Lamack, N.B.                          | 35 0  | 11 0  | 5 0  | 13                              | 11   | 1 sc.  | André M. Robitaille, Chatham, N.B.   |
| 133764       | <i>Legat Limit.</i> .....       | Victoria                                    | 1913                   | Victoria, B.C.                        | 30 0  | 4 5   | 2 2  | 2                               | 2  | 1 sc.  | Frank Masters, Victoria, B.C.  |
| 141839       | <i>Lehigh</i> .....             | Montreal                                    | 1880                   | Wyandotte, Mich., U.S.A.              | 247 9   | 35 6  | 15 3   | 1,506                           | 888  | 183 sc.  | Great Hall, Coal Co. of Canada, Ltd., 211 McGill St., Montreal, Que.               |
| 112333       | <i>Leighton McCarthy</i> .....  | Collingwood                                 | 1920                   | Lewis, Que.                           | 63 0  | 13 6  | 6 6  | 36                              | 25   | 10 sc.   | Thomas Dreyer and Stowart Dreyer, Collingwood, Ont.                                |
| 121977       | <i>Leila R.</i> .....           | Victoria                                    | 1906                   | Vancouver, B.C.                       | 36 0  | 9 0   | 3 6  | 10                              | 5  | 3 sc.  | Frank C. Straford and Thomas W. Allan, Victoria, B.C.                              |
| 133770       | <i>Leila R.</i> .....           | Victoria                                    | 1903                   | Victoria, B.C.                        | 49 3  | 11 5  | 6 5  | 22                              | 12   | 2 sc.  | The Minister of Lands, Victoria, B.C.  |
| 122599       | <i>Leina and Frances.</i> ..... | St. Andrews                                 | 1909                   | Lalob, Me., U.S.A.                    | 40 1  | 12 2  | 4 8  | 14                              | 12   | 1 sc.  | Judson L. Gupitt, Grand Harbour, Grand Manan, N.B.                                 |
| 107842       | <i>Leona</i> .....              | St. John's                                  | 1898                   | St. Williams, Ont.                    | 45 0  | 11 5  | 5 3  | 14                              | 8  | 19 sc.   | Edward W. Moss and Allan Ross, J. O., Trp. of Dunn, Ont.                           |
| 122079       | <i>Leona</i> .....              | Toronto                                     | 1906                   | Hamilton, Ont.                        | 25 5  | 6 2   | 2 7  | 3                               | 2  | 1 sc.  | Henry Louis Bastien, Hamilton, Ont.  |



SESSIONAL PAPER No. 22

| 1911   | Tacoma, Wash., U.S.A. | 50 3  | 15 0 | 5 8  | 34    | 17    | 4 sc.   | British Columbia and Labrador Fisheries, Ltd., 114 Belmont Bk., Victoria, B.C.                      |
|--------|-----------------------|-------|------|------|-------|-------|---------|---|
| 126801 | Sault Ste. Marie      | 62 0  | 15 0 | 5 8  | 47    | 32    | 4 sc.   | The Victoria Harbour Lumber Co., Ltd., Toronto, Ont.  |
| 126070 | Lena Mac              | 33 5  | 12 2 | 5 4  | 12    | 11    | 1 sc.   | J. A. McDougall, Kingston, P.E.I.   |
| 122342 | Toronto               | 35 0  | 7 6  | 3 8  | 7     | 4     | 3 sc.   | The Upper Ontario Steamboat Co., Ltd., New Liskeard, Ont.   |
| 137991 | Lena S.               | 31 6  | 9 8  | 4 6  | 11    | 11    | 2 sc.   | John H. Balcom, Petit de Grat, N.S.   |
| 88453  | Archeat               | 61 0  | 17 8 | 7 5  | 66    | 42    | 30 pa.  | John Marchison, Grand River, N.S.   |
| 122278 | Monreal               | 38 0  | 8 3  | 4 0  | 8     | 6     | 7 sc.   | The Seven Islands Company, Montreal, Que.   |
| 103707 | Lena                  | 44 0  | 11 0 | 5 0  | 15    | 5     | 10 sc.  | W. F. B. Smith, Hampstead, Middlesex, Eng.  |
| 138349 | Halifax               | 61 0  | 13 4 | 6 4  | 28    | 24    | 2 sc.   | James W. Harrison, Halifax, N.S.  |
| 107893 | Leo                   | 34 9  | 7 4  | 3 0  | 7     | 1     | 1 sc.   | John A. Cooke, Grenville, Que.  |
| 130973 | Collingwood           | 26 8  | 6 2  | 3 0  | 3     | 2     | 3 sc.   | Charles A. Dillane, Little Current, Ont.  |
| 138112 | New Westminster       | 29 0  | 6 7  | 3 1  | 4     | 3     | 4 sc.   | Louis True, Steveston, B.C.   |
| 141742 | Quebec                | 158 8 | 36 2 | 15 1 | 866   | 646   | 15 sc.  | Transportation & Shipping Co., Ltd., 99 Dalhousie St., Quebec, Que.                                 |
| 130759 | Vancouver             | 44 0  | 9 8  | 4 1  | 14    | 9     | 2 sc.   | John A. Abercrombie, Vancouver, B.C.  |
| 131170 | Lanenburg             | 40 6  | 10 5 | 5 6  | 12    | 11    | 2 sc.   | Alexander Greek, M.O., Blue Rocks, N.S.   |
| 138675 | Halifax               | 34 5  | 11 6 | 4 8  | 12    | 11    | 1 sc.   | John J. Smith, Sumbro, N.S.   |
| 122595 | Halifax               | 56 0  | 17 3 | 6 2  | 27    | 24    | 3 sc.   | John Chasson and Wm. Devaux, Eastern Harbour, N.S.  |
| 135531 | Vancouver             | 32 0  | 7 8  | 3 0  | 5     | 4     | 4 sc.   | Alfred W. LePage, Vancouver, B.C.   |
| 141223 | Lepce                 | 25 1  | 8 4  | 3 8  | 7     | 5     | 4 sc.   | James V. Goldsmith and Vincent Meakin, J. O., Vancouver, B.C.                                       |
| 226558 | Vancouver             | 36 0  | 7 1  | 3 2  | 6     | 4     | 1 sc.   | Alfred G. Deighton, Van Anda, B.C.  |
| 130614 | Let Me Pass           | 20 4  | 8 2  | 3 4  | 6     | 4     | 1 sc.   | Augustus H. Aldridge, South Pender Island, B.C.   |
| 126842 | Victoria              | 133 3 | 34 9 | 11 0 | 419   | 281   | 32 sc.  | Levis Ferry, Ltd., Levis, Que.  |
| 133904 | Quebec                | 96 0  | 19 9 | 8 3  | 188   | 88    | 48 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.  |
| 100519 | Annapolis Royal       | 73 8  | 25 0 | 7 6  | 98    | 80    | 3 sc.   | Wm. M. Tupper, Annapolis Royal, N.S.  |
| 141313 | Vancouver             | 35 8  | 9 0  | 3 9  | 13    | 8     | 1 sc.   | Martin Warnock, Pender Harbour, B.C.  |
| 138625 | Liard River           | 51 8  | 16 8 | 3 0  | 113   | 77    | 34 pa.  | The Hudson's Bay Co., 1 Lime St., London, Eng.  |
| 26155  | Lib                   | 62 5  | 14 1 | 2 6  | 31    | 15    | 4 sc.   | W. J. Tinn, Montreal, Que., and S. Thompson, Toronto, Ont., J.O.                                    |
| 162759 | Liberty               | 76 5  | 20 3 | 7 5  | 96    | 42    | 76 sc.  | The Minister of Militia and Defence, Ottawa, Ont.   |
| 122380 | Vancouver             | 30 0  | 7 4  | 3 1  | 7     | 5     | 2 sc.   | John Valente, Vancouver, B.C.   |
| 94767  | Owen Sound            | 30 0  | 7 1  | 3 0  | 5     | 4     | 1 sc.   | Chas. Martin, Jr., Sarnock, Ont.  |
| 133817 | Lillian G.            | 42 0  | 10 5 | 5 5  | 12    | 11    | 3 sc.   | David Graves, Chester, N.S.   |
| 138175 | Lillian M.            | 40 2  | 9 6  | 5 0  | 15    | 9     | 1 sc.   | Minard E. Crowell, Vancouver, and the G. W. Nickerson Co., Ltd., Federal Bldg., Prince Rupert, B.C. |
| 138177 | Lillian S.            | 40 0  | 10 5 | 4 5  | 11    | 7     | 2 sc.   | Samuel Curney, Prince Rupert, B.C.  |
| 85843  | Chatham, N.B.         | 64 9  | 17 1 | 7 8  | 72    | 49    | 60 sc.  | Ralph W. Hendry, Halifax, N.S.  |
| 116848 | Lillie Steumann       | 45 0  | 12 0 | 6 3  | 19    | 13    | 2 sc.   | Union Bank of Canada, Winnipeg, Man.  |
| 122395 | Halifax               | 163 0 | 27 0 | 13 0 | 373   | 311   | 94 sc.  | The Minister of the Naval Service, Ottawa, Ont.   |
| 94985  | Lilly                 | 51 3  | 14 2 | 5 5  | 22    | 15    | 3 sc.   | The Victoria Harbour Lumber Co., Ltd., Toronto, Ont.  |
| 80920  | St. John, N.B.        | 123 9 | 21 4 | 7 2  | 209   | 132   | 40 pa.  | The St. John River Log Driving Co., Devon, N.B.   |
| 103374 | Lilly May             | 32 0  | 10 3 | 5 6  | 11    | 3     | 2 sc.   | Ceo. Demiss, Penetanguishene, Ont.  |
| 130571 | Zilono                | 53 8  | 8 3  | 3 0  | 8     | 6     | 1 sc.   | Wm. Russel Jaynes, New Westminster, B.C.  |
| 107255 | Lily                  | 32 0  | 6 6  | 3 0  | 8     | 6     | 1 sc.   | Alexander Cairns, New Westminster, B.C.   |
| 104369 | Lily                  | 20 7  | 9 0  | 4 6  | 12    | 8     | 2 sc.   | Wm. Hickey and Robert Kelly, Vancouver, B.C.  |
| 33627  | Lily M. Hodge         | 39 7  | 13 9 | 7 2  | 15    | 9     | 2 sc.   | The Leport Cold Storage Co., Ltd., Lockport, N.S.   |
| 141842 | Lima                  | 59 8  | 10 9 | 2 3  | 32    | 20    | 2 sc.   | Joseph F. Ford, Montreal, Que.  |
| 15099  | Limit                 | 59 0  | 10 9 | 2 3  | 32    | 20    | 2 sc.   | Willard J. Messy, Vancouver, B.C.   |
| 103275 | Lina                  | 53 2  | 11 0 | 5 8  | 18    | 13    | 1 sc.   | Wm. H. Logan, Co. Ed., Peggville, N.B.  |
| 130358 | Lina May              | 50 0  | 11 0 | 5 6  | 18    | 13    | 1 sc.   | Ed. Poirer, West Archa, N.S.  |
| 117008 | Linda                 | 52 0  | 13 4 | 5 9  | 17    | 10    | 3 sc.   | Daniel T. Wilson, Archa, N.S.   |
|        |                       |       |      |      |       |       |         | The Canada Fish Products Ltd., 39 Old Broad St., London, E. M.                                      |
| 122502 | Linda                 | 30 8  | 8 6  | 4 2  | 8     | 6     | 1 sc.   | D. M. Moore, Vancouver, B.C.  |
| 123801 | Linda                 | 375 4 | 52 0 | 27 6 | 4,677 | 2,002 | 490 sc. | Lincoln Steamship Co., Ltd., 35 Bedford Row, Halifax, N.S.  |
| 126723 | Lintonia              | 82 4  | 14 7 | 5 2  | 38    | 40    | 8 sc.   | Charles F. Gray, Lakefield, Ont.  |

\*Foreign name "Peter Smith."

\*Foreign name "Quickstep" and a Sailing Vessel.

\*Formerly a sailing vessel.

## ALPHABETICAL. List of Steam Vessels on Registry Books in Canada, December 31, 1920.

## LISTE ALPHABÉTIQUE DES VAPEURS INSCRITS DANS LES REGISTRES MARITIMES DU CANADA AU 31 DÉCEMBRE 1920.

Abbreviations—Abréviations: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Paddle—à aubes; Sc., Screw—à hélice.  
 © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship<br>Nom du navire | Port of Registry<br>Port d'enregistrement | Built<br>Constructé | Where Built<br>Lieu de construction | Length in feet and 10ths<br>Longueur en pieds et 10es. | Breadth in feet and 10ths<br>Largeur en pieds et 10es. | Depth in feet and 10ths<br>Profondeur en pieds et 10es. | Gross Tonnage<br>Tonnage brut | Registered Tonnage<br>Tonnage enregistré | H.P. of Engines and Mode of Propulsion<br>c.-v. et mode de propulsion | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|-------------------------------|---|---------------------|-------------------------------------|--|--|---|-------------------------------|--|---|---|
| 112187       | Lion                          | Toronto                                   | 1902                | Dunlurch, Ont.                      | 31 5   | 7 3  | 2 7   | 5                             | 3  | 1 sc.   | Albert McCallum, Toronto, Ont.  |
| 126493       | Lisgar                        | Montreal                                  | 1900                | Sorel, Que.                         | 41 8   | 22 1   | 10 7  | 21 0                          | 118                                      | 46 sc.  | The Minister of Public Works, Ottawa, Ont.  |
| 122272       | Lisgar                        | Winnipeg                                  | 1910                | Saskatoon, Man.                     | 41 0   | 13 7   | 5 0   | 20                            | 18                                       | 2 sc.   | The Minister of Public Works, Ottawa, Ont.  |
| 111459       | Little Bobs                   | Winnipeg                                  | 1902                | Saskatoon, Man.                     | 38 0   | 9 2  | 3 5   | 13                            | 9  | 1 sc.   | Winnipeg General Power Co., Ltd., Winnipeg, Man.                                      |
| 122202       | Little Dan                    | Amherst                                   | 1908                | West Bay, N.S.                      | 35 0   | 10 0   | 4 0   | 0                             | 4  | 1 sc.   | William A. Downey, Amherst, N.S.  |
| 92758        | Little Emily                  | Quebec                                    | 1889                | Quebec, Que.                        | 28 0   | 8 0  | 3 2   | 0                             | 4  | 7 sc.   | Louis Gagnon, Pentecost River, Que.   |
| 138830       | Little Jessie                 | Lunenburg                                 | 1890                | South Boston, Mass., U.S.A.         | 48 6   | 13 2   | 7 5   | 22                            | 21                                       | 5 sc.   | Gilbert Rodmond, Liscomb, N.S.  |
| 130327       | Little Queen                  | Kingston                                  | 1911                | Cape Vincent, N.Y., U.S.A.          | 41 6   | 9 5  | 5 5   | 15                            | 10                                       | 3 sc.   | Grant Pyke, Wolfe Island, Ont.  |
| 126447       | Lizbeth                       | Kenora                                    | 1909                | Fort Frances, Ont.                  | 45 0   | 10 4   | 4 0   | 25                            | 11                                       | 3 sc.   | Rat Portage Lumber Co., Ltd., St. Boniface, Man.                                      |
| 103467       | Lizzie May                    | Archat                                    | 1900                | River Bourgeois, N.S.               | 40 0   | 12 4   | 5 9   | 11                            | 12                                       | 13 sc.  | Simon and Michel Le Blanc, J. O., Petit de Grat, N.S.                                 |
| 107181       | Lizzie May                    | Goderich                                  | 1897                | Goderich, Ont.                      | 55 0   | 12 1   | 4 8   | 18                            | 12                                       | 12 sc.  | John Harrison & Sons Co., Ltd., Owen Sound, Ont.                                      |
| 111555       | Liano                         | Toronto                                   | 1900                | Toronto, Ont.                       | 61 3   | 8 0  | 3 8   | 14                            | 9  | 2 sc.   | Charles W. Archer, Bracebridge, Ont.  |
| 130806       | Lo Oibee                      | Vancouver                                 | 1911                | Vancouver, B.C.                     | 64 0   | 13 0   | 4 6   | 40                            | 27                                       | 2 sc.   | Harbour Navigation Co., Ltd., 423 Hamilton St., Vancouver, B.C.                       |
| 130932       | Loofler II                    | Montreal                                  | 1912                | Montreal, Que.                      | 42 5   | 9 4  | 6 0   | 12                            | 8  | 24 sc.  | Ralph Burnett, Montreal, Que.   |
| 130901       | Loatinda                      | Vancouver                                 | 1912                | Vancouver, B.C.                     | 50 8   | 11 5   | 7 2   | 31                            | 21                                       | 4 sc.   | Engle Timber Co., Ltd., 707 North West Bldg., Vancouver, B.C.                         |
| 133820       | Lobelia L.                    | Lunenburg                                 | 1913                | Little Tuncook, N.S.                | 48 5   | 13 0   | 7 8   | 25                            | 24                                       | 3 sc.   | Fredrick and David Appolly, Burin, Nfld.  |
| 131065       | Lois M. C.                    | Lunenburg                                 | 1912                | Tuncook, N.S.                       | 40 4   | 10 2   | 6 0   | 13                            | 12                                       | 3 sc.   | Alvin Cross, Threcock, N.S.   |
| 122633       | Lolita                        | Kingston                                  | 1904                | Gamaquoque, Ont.                    | 24 6   | 5 5  | 2 3   | 12                            | 1  | 1 sc.   | William Funnell, Gamaquoque, Ont.   |
| 121836       | Lolita                        | St. John, N.B.                            | 1897                | Roston, Mass., U.S.A.               | 46 1   | 10 0   | 4 8   | 14                            | 10                                       | 28 sc.  | L. J. Whippley, Carleton Place, N.B.  |
| 120853       | Long Sault                    | Quebec                                    | 1911                | Sorel, Que.                         | 65 0   | 17 6   | 6 5   | 69                            | 28                                       | 3 sc.   | Lachance, Limitée, 105 Dalhousie St., Quebec, Que.                                    |
| 131057       | Longfald                      | Toronto                                   | 1911                | Moon Falls, Ont.                    | 63 0   | 10 0   | 3 2   | 22                            | 15                                       | 3 sc.   | Henry Arnold, Moon Falls, Muskoka, Ont.   |
| 90531        | Longueil                      | Montreal                                  | 1884                | Montreal, Que.                      | 170 1  | 57 5   | 9 1   | 379                           | 231                                      | 75 pa   | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                       |
| 141344       | Loos O.                       | Ottawa                                    | 1915                | Sorel, Que.                         | 130 0  | 25 0   | 3 0   | 357                           | 136                                      | 663 sc.   | The Minister of the Naval Service, Ottawa, Ont.                                       |
| 111791       | Lord Beatty                   | St. John, N.B.                            | 1902                | Port Hawkesbury, N.S.               | 68 0   | 17 9   | 8 9   | 88                            | 39                                       | 94 sc.  | Rupert W. Wigmore, St. John, N.B.   |
| 108624       | Lord Dufferin                 | Montreal                                  | 1898                | Jarrow-on-Tyne, G.B.                | 400 0  | 48 7   | 28 6  | 4,664                         | 3,007                                    | 500 sc.   | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                       |
| 110506       | Lord Ormonde                  | Quebec                                    | 1899                | Low Walker-on-Tyne, G.B.            | 360 0  | 46 2   | 27 2  | 3,914                         | 2,533                                    | 320 sc.   | Ocean Steamship Co., Ltd., Coristine Bldg., Montreal, Que.                            |
| 111501       | Lord Roberts                  | St. John, N.B.                            | 1900                | St. John, N.B.                      | 61 0   | 16 5   | 7 6   | 56                            | 38                                       | 16 sc.  | Blake A. Ferguson, St. John, N.B.   |
| 137447       | Lord Strathcona               | Montreal                                  | 1915                | Sunderland, G.B.                    | 455 0  | 58 0   | 31 0  | 7,335                         | 7,184                                    | 613 sc.   | Lord Strathcona Steamship Co., Ltd. (Inc. 1920), 42 St. Sacrament St., Montreal, Que. |

SESSIONAL PAPER No. 22

| No.      | Name                  | Home Port          | Registered | Tonnage | Capacity | Speed | Engine                        | Remarks  |
|----------|-----------------------|--------------------|------------|---------|----------|-------|-------------------------------|--|
| 9947 7/8 | Lord Strathcona       | Quebec             | 1902       | 1600    | 37.2     | 13.6  | South Shelds, G.B.            |  |
| 116728   | Lord Wolsey           | St. John, N.B.     | 1905       | 68.8    | 15.0     | 8.0   | Parrishoro, N.S.              | The Quebec Salvage & Wrecking Co., Ltd., Montreal, Que.  |
| 121816   | Loren B. Snow         | Yarmouth           | 1906       | 89.8    | 24.6     | 10.0  | Lunenburg, N.S.               | John U. Seeley, St. John, N.B.   |
| 122480   | Loretta               | Ottawa             | 1907       | 77.2    | 17.0     | 7.7   | Toronto, Ont.                 | Jas. M. Walker, Yarmouth, N.S.   |
| 107816   | Loriette              | Peterborough       | 1899       | 38.2    | 7.7      | 2.9   | Lakefield, Ont.               | The Minister of Railways and Canals, Ottawa, Ont.  |
| 133080   | Loriot                | Ottawa             | 1914       | 31.4    | 7.5      | 3.8   | Hull, Que.                    | Melville Strickland, Lakefield, Ont.   |
| 100758   | Lorna Doone           | Toronto            | 1893       | 36.0    | 8.0      | 4.2   | Orillia, Ont.                 | Cleophas Lauriault, Hull, Que.   |
| 122525   | Lorna Doone           | Vancouver          | 1907       | 37.0    | 10.1     | 4.6   | Vancouver, B.C.               | W. H. Edwards, Bracondale, Ont.  |
| 94500    | Lorne                 | Prince Rupert      | 1889       | 151.0   | 26.0     | 13.2  | Victoria, B.C.                | William Turner, Vancouver, B.C.<br>The Grand Trunk Pacific Railway Co., McGill St., Montreal, Que. |
| 117035   | Lorne Hale            | Sault Ste. Marie   | 1893       | 37.3    | 10.1     | 3.8   | Simcoe, Ont.                  | James Joseph McFadden, Sault Ste. Marie, Ont.  |
| 133066   | Lorone                | Victoria           | 1901       | 68.0    | 18.8     | 7.4   | Ballard, Wash., U.S.A.        | Alexander McKenzie and Arthur Pike, Victoria, B.C.   |
| 123458   | Lothbriere            | Sorel              | 1903       | 146     | 23.2     | 7.8   | Sorel, Que.                   | The Minister of Marine and Fisheries, Ottawa, Ont.   |
| 122477   | Lothie                | Ottawa             | 1907       | 43.0    | 2.0      | 1.2   | Cumberland, Ont.              | Charles McLeod, Masson, Que.   |
| 135370   | Lothie B.             | Canso              | 1910       | 42.0    | 10.4     | 5.3   | Tancook, N.S.                 | Roland Bottiller and Creighton Young, Port Bickerton, N.S.   |
| 138292   | Lothie M. Blanche     | Vancouver          | 1916       | 37.0    | 7.3      | 2.2   | Vancouver, B.C.               | James C. Hutchison, Chilliwack, B.C.   |
| 130688   | Lothie N.             | Lunenburg          | 1911       | 40.8    | 10.1     | 5.4   | Tancook, N.S.                 | Silas Lant, M.O., Chester, N.S.  |
| 111547   | Lothie N.             | Vancouver          | 1900       | 58.0    | 14.0     | 7.7   | Irving, B.C.                  | Marsh-Hutton-Powers Co., Ltd., New Westminster, B.C.   |
| 126341   | Lothie and Marguerite | Vancouver          | 1900       | 58.0    | 14.0     | 7.7   | Irving, B.C.                  | Marsh-Hutton-Powers Co., Ltd., New Westminster, B.C.   |
| 133676   | Lothys II.            | Barrington Passage | 1908       | 62.9    | 14.4     | 6.0   | Allendale, N.S.               | St. Mary's Bay Steamship Company, Ltd., Little River, N.S.   |
| 117025   | Louis A.              | Halifax            | 1912       | 40.0    | 11.2     | 6.0   | Halifax, N.S.                 | Edwin F. Keeffe, Halifax, N.S.   |
| 126631   | Louis Joseph          | Sydney, N.S.       | 1903       | 25.5    | 6.6      | 3.5   | Port Hawkesbury, N.S.         | L. A. Petrie, Glace Bay, N.S.  |
| 130625   | Louis P.              | Quebec             | 1911       | 70.8    | 17.9     | 4.9   | Stc. Anne de Chicoutimi, Que. | Joseph Gagnon, Ste. Anne de Chicoutimi, Que.   |
| 134491   | Louis Philippe        | Yarmouth           | 1914       | 74.0    | 19.6     | 8.3   | Shedburne, N.S.               | Louis P. D'Entremont, et al., West Pubnico, N.S.   |
| 100126   | Louisa                | Wallaceburg        | 1902       | 55.0    | 9.6      | 4.0   | Wallaceburg, Ont.             | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                                    |
| 132409   | Louisa                | Victoria           | 1912       | 23.4    | 7.2      | 3.7   | Victoria, B.C.                | Fred B. Wallace, Midland, Ont.   |
| 132858   | Loup Garou            | Montreal           | 1908       | 53.5    | 11.4     | 6.4   | Tétreaultville, Que.          | Thomas Beuchamp Tye, Victoria, B.C.  |
| 132834   | Loup Marin            | Quebec             | 1917       | 47.0    | 9.9      | 3.7   | St. Method, Que.              | Charles O. Clark, Westmont, Que.   |
| 55547    | Lowmoor               | Sorel              | 1882       | 47.0    | 9.5      | 7.0   | St. Method, Que.              | Joseph Matte, St. Method, Que.   |
| 134609   | Loyalist              | St. John, N.B.     | 1909       | 27.5    | 6.0      | 3.6   | Portland, N.B.                | Thomas C. Simpson, Montreal, Que.  |
| 134609   | Luzana                | Winnipeg           | 1912       | 51.0    | 12.4     | 6.5   | Selkirk, Man.                 | Thos. Miller, St. John, N.B.   |
| 136495   | Luzatic               | Vancouver          | 1909       | 39.0    | 9.2      | 4.9   | Davis Creek, B.C.             | William G. Purvis, Selkirk, Man.   |
| 137992   | Luzatic               | Archeat            | 1915       | 29.0    | 9.0      | 4.6   | Louisdale, N.S.               | Frank W. Smith, et al., Maywood, B.C.  |
| 103969   | Lucia                 | Montreal           | 1898       | 59.9    | 15.7     | 6.8   | Sorel, Que.                   | Benjamin Marchant, Louisdale, N.S.   |
| 116801   | Luciana               | Sorel              | 1913       | 42.4    | 13.0     | 6.0   | Sorel, Que.                   | Mrs. Thomas Simpson, Montreal, Que.  |
| 138742   | Lucile M.             | Yarmouth           | 1904       | 75.0    | 17.6     | 9.0   | Sorel, Que.                   | Iazarus Cohen, Montreal, Que.  |
| 107671   | Lucille               | Toronto            | 1889       | 62.0    | 11.2     | 4.2   | Meteghan, N.S.                | The Yarmouth Trading Co., Ltd., Yarmouth, N.S.   |
| 141405   | Lucille B. Young      | Lunenburg          | 1919       | 44.2    | 12.0     | 6.1   | Detroit, Mich., U.S.A.        | The C. Beck Mfg. Co., Ltd., Penetanguishene, Ont.  |
| 121688   | Lucille               | Quebec             | 1905       | 47.5    | 14.0     | 6.3   | Tancook, N.S.                 | Demas C. Young, M.O., Tancook, N.S.  |
| 88823    | Lucy                  | Midland            | 1870       | 120.0   | 19.0     | 7.6   | Portneuf, Que.                | A. Marchildon and L. E. Dufresac, Three Rivers, Que.   |
| 103890   | Lucy                  | Midland            | 1870       | 120.0   | 19.0     | 7.6   | Stegmaw South, Mich., U.S.A.  | The Midland Transportation Co., Ltd., Midland, Ont.  |
| 21757    | Lucy                  | Midland            | 1870       | 120.0   | 21.6     | 12.0  | Stegmaw South, Mich., U.S.A.  | The Midland Transportation Co., Ltd., Midland, Ont.  |
| 116846   | Lucy                  | Vancouver          | 1900       | 29.5    | 5.8      | 2.6   | Midland, Ont.                 | George H. West, Vancouver, B.C.  |
| 121871   | Lucy                  | Yarmouth           | 1906       | 42.2    | 11.5     | 5.4   | Port Hawkesbury, N.S.         | Fred W. Mosher, Halifax, N.S.  |
| 121831   | Lucy                  | Yarmouth           | 1906       | 45.0    | 11.2     | 5.4   | Tusket Wedge, N.S.            | Hilaire T. LeBlanc, Tusket Wedge, N.S.   |
| 80591    | Lucy                  | Toronto            | 1880       | 111.0   | 34.4     | 11.7  | St. John, N.B.                | The City of St. John, N.B.   |
| 116350   | Lulu Eddy             | Sault Ste. Marie   | 1888       | 60.0    | 13.3     | 6.0   | Toronto, Ont.                 | The Toronto Ferry Co., Ltd., Toronto, Ont.   |
| 112005   | Lulu M. Ray           | Port Arthur        | 1888       | 56.0    | 12.0     | 6.0   | West Bay City, Mich., U.S.A.  | C. S. Boone Dredging & Construction Co., Ltd., Toronto, Ont.                                       |
| 134272   | Luzara                | Victoria           | 1912       | 28.2    | 9.0      | 3.5   | Lunenburg, Wash., U.S.A.      | Samuel Forrest, Port William, Ont.   |
| 141608   | Luzara No. 3          | Victoria           | 1910       | 59.1    | 14.8     | 6.9   | Bellingham, Wash., U.S.A.     | Maurice F. Meredith, Victoria, B.C.  |
| 131074   | Luzara                | Lunenburg          | 1905       | 40.2    | 10.2     | 5.0   | Tancook, N.S.                 | Lunmi Bay Packing Co., Ltd., 604-744 Hastings St. W., Vancouver, B.C.                              |

Formerly a sailing vessel.

Foreign name.

Formerly "Fred L. M. Paint."

Formerly "Kezia" and "Challenge".

Formerly "Onaping."

Formerly "Magnolia," a recovered wreck.

ALPHABETICAL, List of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—*J.O.*, Joint Owners—propriétaires conjoints; *M.O.*, Managing owner—propriétaire gérant; *P.*, Paddle—à aubes; *S.*, Screw—à hélice.  
 © Equipped with Wireless—Muni de la T.S.F.—NAMES of Motor Vessels in Italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built<br>Construit | Where Built.<br>Lieu de construction. | Length in feet and 10ths. | Breadth in feet and 10ths. | Tareur en pieds et 10es. | Depth in feet and 10ths. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion. | Power, et mode de propulsion.                      | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|--------------------|---------------------------------------|---------------------------|----------------------------|--------------------------|--------------------------|---------------------------------|--|---|--|---|
| 132703       | <i>Isarda</i>                   | Vancouver                                   | 1912               | Vancouver, B.C.                       | 31 2                      | 8 0                        | 4 1                      | 10                       | 16                              | 7  | 1 sc.                                   | 1 sc.  | Thomas F. Greenhow, Vancouver, B.C.   |
| 137959       | Lanshand.                       | Vancouver                                   | 1915               | Vancouver, B.C.                       | 32 1                      | 9 6                        | 3 9                      | 8                        | 8                               | 6  | 1 sc.                                   | 1 sc.  | Robert Smith, Vancouver, B.C.   |
| 136834       | <i>Lynckson</i>                 | Victoria                                    | 1905               | Valdez Island, B.C.                   | 47 2                      | 10 8                       | 4 7                      | 22                       | 11                              | 6  | 4 sc.                                   | 4 sc.  | A. Thomas, et al., J.O., Valdez Island, B.C.  |
| 126056       | <i>Lynckson</i>                 | Vancouver                                   | 1908               | Vancouver, B.C.                       | 32 0                      | 8 0                        | 3 5                      | 8                        | 6                               | 1  | 1 sc.                                   | 1 sc.  | Canadian Fish & Cold Storage Co., Ltd., Prince Rupert, B.C.                           |
| 96789        | <i>Lynla J. Mason</i>           | Halifax                                     | 1890               | Tangier, N.S.                         | 54 3                      | 17 7                       | 1 5                      | 39                       | 37                              | 3  | 2 sc.                                   | 2 sc.  | Frank Young, Ariebad, N.S.  |
| 116858       | <i>Lyle</i>                     | Sarnia                                      | 1904               | Algonac, Mich., U.S.A.                | 30 0                      | 7 5                        | 2 8                      | 5                        | 3                               | 3  | 2 sc.                                   | 2 sc.  | Duncan J. Symes and Henry M. Smith, Coruna, Ont.                                      |
| 130975       | <i>Lynn B.</i>                  | Ottawa                                      | 1913               | Midland, Ont.                         | 30 0                      | 20 0                       | 9 1                      | 124                      | 84                              | 84   | 37 sc.                                  | 37 sc.   | The Minister of Railways and Canals, Ottawa, Ont.                                     |
| 126758       | <i>Lyon C.</i>                  | Montreal                                    | 1909               | Cornwall, Ont.                        | 53 3                      | 14 8                       | 6 6                      | 40                       | 19                              | 19   | 6 sc.                                   | 6 sc.  | Lyon Cohen, Montreal, Que.  |
| 134119       | M. C. M.                        | New Westminster                             | 1913               | New Westminster, B.C.                 | 69 3                      | 17 3                       | 6 9                      | 73                       | 46                              | 46   | 16 sc.                                  | 16 sc.   | Joseph Mayers, New Westminster, B.C.  |
| 130797       | M. T. Co. No. 1                 | Vancouver                                   | 1900               | Beach, Wash., U.S.A.                  | 46 5                      | 11 6                       | 4 4                      | 20                       | 14                              | 14   | 6 sc.                                   | 6 sc.  | A. M. Snider, Vancouver, B.C.   |
| 130607       | M. T. Co. No. 3                 | Vancouver                                   | 1908               | Tacoma, Wash., U.S.A.                 | 46 0                      | 12 6                       | 4 0                      | 15                       | 10                              | 10   | 3 sc.                                   | 3 sc.  | Geo. G. Bushby, Victoria, B.C.  |
| 141613       | M. P.                           | Victoria                                    | 1912               | Vancouver, B.C.                       | 40 0                      | 9 2                        | 5 0                      | 12                       | 8                               | 8  | 1 sc.                                   | 1 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 131048       | M. & F. No. 8                   | Sorel                                       | 1906               | Sorel, Que.                           | 264 0                     | 45 1                       | 2 050                    | 1 270                    | 1 270                           | 74 sc.                                     | 74 sc.                                  | The Minister of Marine and Fisheries, Ottawa, Ont. |   |
| 134365       | M. & F. Dredge No. 14.          | Sorel                                       | 1914               | Collingwood, Ont.                     | 223 0                     | 37 6                       | 13 0                     | 888                      | 332                             | 332  | 87 sc.                                  | 87 sc.   | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 134366       | M. & F. Dredge No. 15.          | Sorel                                       | 1914               | Collingwood, Ont.                     | 223 0                     | 37 6                       | 13 0                     | 888                      | 332                             | 332  | 87 sc.                                  | 87 sc.   | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 134364       | M. & F. Hopper Barge No. 1      | Sorel                                       | 1913               | Levis, Que.                           | 180 0                     | 32 1                       | 13 4                     | 676                      | 253                             | 253  | 74 sc.                                  | 74 sc.   | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 133952       | M. & F. Hopper Barge No. 2.     | Sorel                                       | 1915               | Collingwood, Ont.                     | 180 0                     | 32 1                       | 13 6                     | 743                      | 356                             | 356  | 77 sc.                                  | 77 sc.   | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 12143        | M. & W.                         | Kingston                                    | 1902               | Kingston, Ont.                        | 40 6                      | 10 1                       | 4 0                      | 8                        | 8                               | 6  | 8 sc.                                   | 8 sc.  | David A. Mitchell, Gananoque, Ont.  |
| 103252       | M. E. Corkum                    | Lancenburg                                  | 1916               | Lancenburg, N.S.                      | 39 6                      | 11 0                       | 5 2                      | 12                       | 11                              | 11   | 1 sc.                                   | 1 sc.  | Annad Corkum, Middle La Have, N.S.  |
| 103337       | M. E. Backett                   | Quebec                                      | 1894               | Quebec, Que.                          | 70 2                      | 18 8                       | 7 4                      | 78                       | 53                              | 53   | 75 sc.                                  | 75 sc.   | Wm. Backett, Quebec, Que.   |
| 122589       | M. E. Smith                     | Victoria                                    | 1907               | Victoria, B.C.                        | 30 0                      | 9 0                        | 5 8                      | 8                        | 4                               | 4  | 3 sc.                                   | 3 sc.  | James Christensen, et al., Victoria, B.C.   |
| 126508       | M. E. Werry                     | Sydney, N.S.                                | 1907               | Little Bras d'Or, N.S.                | 35 0                      | 11 2                       | 5 5                      | 14                       | 14                              | 14   | 3 sc.                                   | 3 sc.  | Daniel Landry, Point Aconi, Little Bras d'Or, N.S.                                    |
| 103571       | M. G. McDonald                  | Collingwood                                 | 1914               | Collingwood, Ont.                     | 70 0                      | 14 6                       | 6 0                      | 35                       | 24                              | 24   | 9 sc.                                   | 9 sc.  | James P. McDonald, Blind River, Ont.  |
| 137904       | M. H. Morris                    | Ariebad                                     | 1916               | Ecum Secum, N.S.                      | 37 0                      | 12 5                       | 5 4                      | 19                       | 19                              | 19   | 6 sc.                                   | 6 sc.  | Wm. Morris, Ecum Secum, N.S.  |
| 132026       | M. J. O'Brien                   | Port Arthur                                 | 1909               | O'Brien, Ont.                         | 100 0                     | 24 5                       | 4 0                      | 233                      | 159                             | 159  | 1 sc.                                   | 1 sc.  | The New Ontario Transportation Co., Ltd., Port Arthur, Ont.                           |
| 129343       | M. S. Kenney                    | Barrington Passage                          | 1909               | Sledbarne, N.S.                       | 44 0                      | 21 6                       | 8 2                      | 66                       | 66                              | 66   | 1 sc.                                   | 1 sc.  | Wm. H. Kenney, et al, Clarks Harbour, N.S.  |
| 92304        | M. Marec                        | Collingwood                                 | 1887               | Collingwood, Ont.                     | 71 0                      | 11 0                       | 4 6                      | 12                       | 9                               | 9  | 3 sc.                                   | 3 sc.  | The Sarnia Log-Floating Co., Ltd., Sarnia, Ont.                                       |

SESSIONAL PAPER No. 22

| No.    | Name                       | Home Port        | Tonnage | Length | Breadth | Speed | Engines | Remarks   |
|--------|----------------------------|------------------|---------|--------|---------|-------|---------|---|
| 140992 | M. Sienka                  | Toronto          | 128 3   | 26 0   | 9 5     | 284   |         |   |
| 126557 | Maagen                     | Vancouver        | 52 5    | 16 2   | 6 8     | 43    |         | Robb, G. Wetkell, Trenton, Ont.   |
| 117058 | Marbel D                   | Collingwood      | 64 0    | 15 0   | 6 6     | 38    |         | B. W. B. Navigation Co., Ltd., 525 Seymour St., Vancouver, B.C.           |
| 107289 | Marbel F                   | New Westminster  | 40 0    | 10 0   | 4 0     | 10    |         | The Rondeau Fish Co., Ltd., Eriau, Ont.                                   |
| 107365 | Marbel G                   | Toronto          | 36 0    | 8 3    | 3 3     | 5     |         | Matthew Watson Carross, Y.T.  |
| 141149 | Marbel Giron               | Victoria         | 42 0    | 10 0   | 4 6     | 13    |         | Wm. McMillan, Thompson, Penetanguishene, Ont.                             |
| 133069 | Marbel Juice               | Chatham, N.B.    | 41 0    | 10 5   | 4 4     | 12    |         | Elijah L. Round, Albert, B.C.   |
| 107195 | Marbel M                   | Port Elgin, Ont. | 39 0    | 7 0    | 3 6     | 7     |         | Philip Juice, Lunenburg, N.B.   |
| 100687 | Marbel MacDonald           | Toronto          | 64 0    | 14 3   | 7 8     | 42    |         | Andrew Campbell, Port Elgin, Ont.   |
| 138041 | Marcel H                   | Port Hawkesbury  | 45 0    | 11 7   | 5 2     | 12    |         | Henry J. Dickson, St. Catharines, Ont., and Daniel McGrath, Toronto, Ont. |
| 134074 | Marcel W                   | Vancouver        | 29 0    | 7 0    | 3 6     | 3     |         | Robert T. Matthews, et al., J. O. Queensport, N.S.                        |
| 103974 | Macmannan                  | Quebec           | 30 2    | 6 6    | 3 1     | 4     |         | G. A. Mackay and W. G. Scott, James Island, B.C.                          |
| 92922  | Macness O                  | Hamilton         | 178 4   | 24 1   | 16 3    | 529   |         | Megantic Fish and Game Club, Agnes, Que.                                  |
| 111940 | McCulloch                  | Lindsay          | 36 8    | 10 5   | 3 9     | 21    |         | Canada Steamship Lines, Ltd., 9 Victoria Sq., Montreal, Que.              |
| 117117 | McCulloch                  | Vancouver        | 64 0    | 14 7   | 6 7     | 39    |         | The Cassiar Packing Co., Ltd., 122-744 Hastings St. W., Vancouver, B.C.   |
| 126269 | MacKenzie                  | Chatham, N.B.    | 60 0    | 15 0   | 4 6     | 44    |         | Wm. H. Miller, Campbellton, N.B.  |
| 126440 | Mac (The)                  | Winnipeg         | 126 0   | 26 0   | 5 0     | 413   |         | The Hudson's Bay Co., 1 Lime St., London, G.B.                            |
| 138563 | MacLean                    | Shelburne        | 38 0    | 10 1   | 4 5     | 15    |         | Drum Lumber Mines, Ltd., 1115 Dominion Bldg., Vancouver, B.C.             |
| 138070 | MacLean                    | Ottawa           | 60 9    | 13 9   | 6 0     | 29    |         | J. S. Wells, Ltd., White Haven, N.S.                                      |
| 111568 | McLean Bros                | Toronto          | 22 3    | 5 0    | 2 1     | 2     |         | William McLean, Quyon, Que.   |
| 88321  | McNaughton                 | Montreal         | 92 0    | 18 4   | 8 4     | 137   |         | Frank H. McLean, Stratford, Ont.  |
| 130778 | Mac Ste. Marie             | Sault Ste. Marie | 83 0    | 18 4   | 7 1     | 146   |         | Henry J. Dickson, St. Catharines, Ont.                                    |
| 140959 | Maesin                     | Montreal         | 110 0   | 26 0   | 10 7    | 250   |         | James E. Pasternak, Kingsville, Ont.                                      |
| 138508 | Maesino                    | Montreal         | 74 0    | 22 6   | 10 5    | 140   |         | The Sincennes McNaughton Line, Ltd., 75 Common St., Montreal, Que.        |
| 83384  | Madeline                   | Toronto          | 69 0    | 18 5   | 5 1     | 39    |         | The Sincennes McNaughton Line, Ltd., 75 Common St., Montreal, Que.        |
| 130624 | Madeline A                 | Yarmouth         | 64 0    | 18 2   | 7 0     | 39    |         | Stephen L. Peir, Port Credit, Ont.  |
| 133861 | Madeline Dyer              | Vancouver        | 38 0    | 10 4   | 4 8     | 10    |         | Dennis D. Leblanc, Wedgeport, N.S.  |
| 141049 | Madeline E. Hob            | Lunenburg        | 112 0   | 26 2   | 11 5    | 154   |         | Stanley J. Steeves, et al., Vancouver, B.C.                               |
| 121984 | Madras                     | Victoria         | 97 5    | 20 0   | 10 1    | 155   |         | Russell Hebb, M.O., Lunenburg, N.S.                                       |
| 130477 | Madras P                   | Lunenburg        | 44 8    | 10 2   | 5 2     | 11    |         | The Minister of Agriculture, Ottawa, Ont.                                 |
| 130586 | Madras V                   | Halifax          | 91 2    | 23 8   | 8 2     | 112   |         | Armenious Strain, Oakland, N.S.   |
| 120243 | Madras V                   | Victoria         | 68 0    | 9 0    | 4 2     | 4     |         | James R. Laing, et al., Liscombe, N.S.                                    |
| 85405  | Magdalen                   | Magdalen Islands | 27 0    | 14 4   | 6 4     | 25    |         | Mrs. Charles G. Doering, Dunbar, B.C.                                     |
| 107316 | Magpie B                   | Halifax          | 98 6    | 21 6   | 8 8     | 135   |         | William E. Bigwood, Toronto, Ont.   |
| 131132 | Magpie K                   | Ottawa           | 46 5    | 16 2   | 5 9     | 25    |         | Georgetown Steamship Co., Ltd., Pictou, N.S.                              |
| 94752  | Magpie M                   | St. John, N.B.   | 68 3    | 16 3   | 8 7     | 66    |         | Norman Chandler, Chester, N.S.  |
| 111424 | Magpie W                   | Halifax          | 48 2    | 11 5   | 4 4     | 15    |         | The Minister of Public Works, Ottawa, Ont.                                |
| 126840 | Magpie Main                | Toronto          | 40 8    | 10 7   | 5 6     | 13    |         | James W. Gordon, North Sydney, N.S.                                       |
| 141454 | Magpie Marshall            | Halifax          | 150 0   | 30 0   | 11 3    | 385   |         | Oswald Dauphine and Abel E. Boutillier, Boutillier's Cove, N.S.           |
| 94683  | Magpie May                 | Collingwood      | 58 0    | 14 0   | 6 0     | 46    |         | David Schell, Gravenhurst, Ont.   |
| 100786 | Magpie Miller              | St. John, N.B.   | 78 5    | 24 0   | 6 6     | 146   |         | Maritime Wrecking & Salvage Co., Ltd., 286 St. James St., Montreal, Que.  |
| 90706  | Magpie R. King             | Montreal         | 50 0    | 13 0   | 6 0     | 27    |         | David G. Dobson, Midland, Ont.  |
| 116515 | Magpie                     | Quebec           | 86 0    | 19 8   | 10 5    | 127   |         | Canadian Dredging Co., Ltd., Midland, Ont.                                |
| 130875 | Magpie of Ecolit           | New Westminster  | 42 5    | 12 0   | 9 0     | 26    |         | Provincial Steamship Co., Ltd., 129 Upper Water St., Halifax, N.S.        |
|        | Formerly a sailing vessel. |                  |         |        |         |       |         | Butterfield, Mackie & Co., Ltd., Gore Ave., Vancouver, B.C.               |
|        | Formerly a sailing vessel. |                  |         |        |         |       |         | Formerly "C. W. Endress."   |
|        | Formerly a sailing vessel. |                  |         |        |         |       |         | Formerly "Eagle."   |
|        | Formerly a sailing vessel. |                  |         |        |         |       |         | Formerly "Fraser Ferry No. 1."  |

ALPHABETICAL LIST OF Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE DES vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—*Br.*: British; *C.*: Canadian; *F.*: Foreign; *M.O.*: Managing owner—propriétaire gérant; *P.A.*: Paid-up—à nabes; *S.C.*: Screw—à hélice.  
 Ⓞ Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Build<br>Construction | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10ths. | Breadth in feet and 10ths.<br>Largeur en pieds et 10ths. | Depth in feet and 10ths.<br>Profondeur en pieds et 10ths. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|-----------------------|---------------------------------------|--|--|---|---------------------------------|--|--|---|
| 90692        | Maid of the Mist.               | St. Catharines.                             | 1885                  | Niagara Falls, Ont.                   | 71 1   | 6 1  | 6 6   | 62                              | 33   | 75 se.   | "Maid of the Mist" Steamboat Co., Ltd., Niagara Falls, Ont.                           |
| 103925       | Maida Vale.                     | Port Carborough.                            | 1902                  | Hustings, Ont.                        | 46 5   | 9 3  | 4 0   | 19                              | 13   | 2 se.  | N. T. Lupton, Peterboro', Ont.  |
| 100058       | Maisonneuve I.                  | Ottawa.                                     | 1894                  | Smith's Falls, Ont.                   | 75 7   | 9 7  | 7 3   | 26                              | 18   | 9 se.  | Thomas C. Simpson, Montreal, Que.   |
| 138224       | Maisonneuve I.                  | Montreal.                                   | 1916                  | Montreal, Que.                        | 95 5   | 16 5   | 6 5   | 29                              | 46   | 11 se.   | Johnny Paquette, Champlain, Que.  |
| 107933       | Majestic.                       | Montreal.                                   | 1899                  | Toronto, Ont.                         | 110 0  | 21 9   | 5 3   | 275                             | 156  | 33 se.   | Crystal Steam Steamship Co., Ltd., Indianatown, N.B.                                  |
| 121771       | Majestic.                       | Winnipeg.                                   | 1904                  | Bad Throed, Man.                      | 84 6   | 17 5   | 6 2   | 110                             | 75   | 17 se.   | William J. Holmes, M.O., Winnipeg, Man.   |
| 131263       | Major.                          | Midland.                                    | 1915                  | Winnipeg, Man.                        | 292 6  | 41 0   | 20 1  | 2,149                           | 1,721                                      | 137 se.  | Great Lakes Transportation Co., Ltd., Midland, Ont.                                   |
| 131150       | Makakevi.                       | Vancouver.                                  | 1889                  | West Bay City, Mich., U.S.A.          | 35 1   | 11 2   | 4 0   | 11                              | 9  | 1 1/2 se.  | Wm. Slatley, Jr., Vancouver, B.C.   |
| 131180       | Makala.                         | Vancouver.                                  | 1913                  | U.S.A.                                | 47 2   | 13 3   | 7 0   | 22                              | 21   | 1 se.  | Wm. Peirce, Port Felix, N.S., and Ainsley W. Fuder, Canso, N.S.                       |
| 133778       | Makala.                         | Victoria.                                   | 1912                  | Vancouver, B.C.                       | 26 6   | 7 4  | 2 3   | 5                               | 3  | 3 se.  | William R. Macdonald and Laneclot H. Sheffield, Deep Bay, B.C.                        |
| 134655       | Makalat.                        | Victoria.                                   | 1917                  | Victoria, B.C.                        | 245 7  | 43 8   | 21 3  | 1,544                           | 1,169                                      | 18 se.   | Canada Steamship Lines, Ltd., 9 Victoria St., Montreal, Que.                          |
| 136904       | Makasin.                        | Ottawa.                                     | 1913                  | Dublin, Ireland                       | 162 4  | 27 1   | 13 1  | 392                             | 129  | 161 se.  | The Minister of the Naval Services, Ottawa, Ont.                                      |
| 107982       | Makimade.                       | Prince Rupert.                              | 1901                  | Oxetensburg, N.Y., U.S.A.             | 37 7   | 6 5  | 3 6   | 7                               | 5  | 3 se.  | Captain W. J. Murphy, Morrisburg, Ont.  |
| 150045       | Makimade.                       | Montreal.                                   | 1914                  | Scottdale, Wash., U.S.A.              | 43 0   | 12 8   | 5 0   | 20                              | 11   | 3 se.  | John Macgregor, V.C., Prince Rupert, B.C.   |
| 141815       | Makimade.                       | Montreal.                                   | 1917                  | Amos, Que.                            | 55 4   | 14 2   | 3 3   | 39                              | 23   | 2 se.  | Alfred Beauchemin et al., J.O., Amos, Que.  |
| 130133       | Makimade.                       | New Westminster.                            | 1888                  | Detroit, Mich., U.S.A.                | 252 0  | 40 2   | 18 5  | 1,651                           | 958  | 105 se.  | Alfred E. Matthews, Toronto, Ont.   |
| 107343       | Makimade.                       | New Westminster.                            | 1892                  | New Westminster, B.C.                 | 32 0   | 6 0  | 3 0   | 4                               | 4  | 1 se.  | A. M. Snider, Vancouver, B.C.   |
| 141432       | Makimade.                       | Halifax.                                    | 1919                  | Vancouver, B.C.                       | 16 1   | 11 0   | 6 5   | 32                              | 19   | 2 1/2 se.  | Edward Clapham, Vancouver, B.C.   |
| 107575       | Makimade.                       | Halifax.                                    | 1900                  | Bobeygeon, Ont.                       | 66 0   | 13 4   | 7 0   | 29                              | 21   | 3 se.  | Geo. A. Smith, Bobeygeon, Ont.  |
| 121910       | Makimade.                       | Montreal.                                   | 1905                  | Dartmouth, N.S.                       | 57 5   | 16 7   | 3 0   | 29                              | 21   | 3 se.  | Wilfred E. Veira, Busseterre Isl., B.W.I.   |
| 137977       | Makimade.                       | Quebec.                                     | 1899                  | Pocomoke, Md., U.S.A.                 | 64 9   | 16 9   | 7 1   | 39                              | 36   | 2 se.  | Joseph Perrault, Montreal, Que.   |
| 116211       | Manitouan.                      | Montreal.                                   | 1889                  | Bre, Que.                             | 50 2   | 13 0   | 5 0   | 29                              | 19   | 3 se.  | Stewart H. Dunn, Quebec, Que.   |
| 94579        | Manitoba.                       | Montreal.                                   | 1889                  | Owen Sound, Ont.                      | 303 0  | 33 1   | 14 7  | 2,616                           | 1,699                                      | 168 se.  | Canadian Pacific Railway Co., Montreal, Que.  |
| 107140       | Manitouan.                      | Goderich.                                   | 1903                  | Goderich, Ont.                        | 137 2  | 24 2   | 9 1   | 470                             | 297  | 42 se.   | Dominion Fish Co., Ltd., Winnipeg, Man.   |
| 111451       | Manitouan.                      | Winnipeg.                                   | 1900                  | Winnipegosis, Man.                    | 92 0   | 18 8   | 6 4   | 108                             | 59   | 7 se.  | The Booth Fisheries Co. of Canada, Ltd., Toronto, Ont.                                |
| 141836       | Manola.                         | Montreal.                                   | {1890}                | Cleveland, O., U.S.A.                 | 249 7  | 40 2   | 2 1   | 2,404                           | 1,333                                      | 191 se.  | Canada Steamship Lines, Ltd., 9 Victoria Sq., Montreal, Que.                          |
| 138294       | Manu Sani.                      | Vancouver.                                  | {1920}                | Lanzon, Que.                          | 43 0   | 7 5  | 4 0   | 13                              | 9  | 2 se.  | Thomas M. Heard Perry Company, North Vancouver, B.C.                                  |
| 107546       | Maple Leaf.                     | St. Andrews.                                | 1892                  | St. John, N.B.                        | 32 8   | 11 8   | 5 1   | 12                              | 7  | 1 se.  | Howard Rigby, St. Andrews, N.B.   |

SEASONAL PAPER No. 22

| No.    | Name                | Port               | Tonnage | Engines | Speed | Company   |
|--------|---------------------|--------------------|---------|---------|-------|---|
| 100533 | Maple Leaf          | Toronto            | 35      | 4       | 7     | Hiram Robinson, Ottawa, Ont.  |
| 116933 | Maple Leaf          | Victoria           | 32      | 4       | 5     | James Wintermute, et al., Ladysmith, B.C.   |
| 94763  | Mapleleaf           | Owen Sound         | 207     | 0       | 771   | Canada Steamship Line, Ltd., 9 Victoria Square, Montreal, Que.                    |
| 116954 | Maplebranch         | Sarnia             | 238     | 2       | 1,708 | The Northern Navigation Co., Ltd., Collingwood, Ont.                              |
| 121784 | Maplebrook          | Ottawa             | 233     | 0       | 1,515 | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                   |
| 141766 | Maplecourt          | Montreal           | 365     | 4       | 3,338 | Davie Shipbuilding & Repairing Co., Ltd., Lauzon, Lévis, Que.                     |
| 141762 | Mapledene           | Montreal           | 219     | 2       | 1,045 | Canada Steamship Lines, Ltd., Lauzon, Lévis, Que.                                 |
| 141589 | Maplepton           | Montreal           | 250     | 4       | 1,492 | Canada Steamship Lines, Ltd., 9 Victoria Sq., Montreal, Que.                      |
| 111966 | Maplegorge          | Pucon, Ont.        | 209     | 0       | 1,367 | Canada Steamship Lines, Ltd., 9 Victoria Sq., Montreal, Que.                      |
| 141588 | Maplegrange         | Montreal           | 194     | 2       | 925   | Canada Steamship Lines, Ltd., 9 Victoria Sq., Montreal, Que.                      |
| 134350 | Maplegreen          | Montreal           | 33      | 8       | 1,251 | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                   |
| 141752 | Mapleglue           | Montreal           | 175     | 1       | 821   | Canada Steamship Lines, Ltd., 9 Victoria Sq., Montreal, Que.                      |
| 129767 | Maplebeath          | Kinston            | 32      | 4       | 1,692 | Canada Steamship Lines, Ltd., 9 Victoria Sq., Montreal, Que.                      |
| 138230 | Maplehurst          | Montreal           | 254     | 2       | 1,297 | Canada Steamship Lines, Ltd., 9 Victoria Sq., Montreal, Que.                      |
| 123991 | Mapleburn           | Montreal           | 250     | 0       | 1,782 | Canada Steamship Lines, Ltd., 9 Victoria Sq., Montreal, Que.                      |
| 138556 | Mapatla             | Vancouver          | 35      | 0       | 4     | Nooka Packing Company, Ltd., 701 Birks Bldg., Vancouver, B.C.                     |
| 139897 | Maraue              | New Westminster    | 35      | 6       | 7     | Matcoln R. Wells, Burnie, B.C.  |
| 131147 | Marfish             | Vancouver          | 83      | 4       | 116   | Minister of Marine & Fisheries, Ottawa, Ont.                                      |
| 132418 | Margaret            | Prince Rupert      | 33      | 0       | 11    | Alfred Jansen, Sheet Rupert, B.C.   |
| 122123 | Margaret            | Halifax            | 92      | 8       | 195   | The Halifax & Sheet Harbour Steamship Co., Ltd., Halifax, N.S.                    |
| 135608 | Margaret            | Ottawa             | 182     | 4       | 276   | The Minister of Customs, Ottawa, Ont.   |
| 131016 | Margaret A. Mackett | Montreal           | 99      | 3       | 192   | George Hall Coal Company of Canada, Ltd., 273 Craig St. W., Montreal, Que.        |
| 138664 | Margaret B. Gorham  | Barrington Passage | 37      | 7       | 15    | Edward Gorham, et al., Woods Harbour, N.S.  |
| 150263 | Margaret Bay        | Vancouver          | 32      | 8       | 9     | Tomazo Sato, Vancouver, B.C.  |
| 141863 | Margaret Coughlan   | Vancouver          | 41      | 5       | 5,704 | Canadian Western Steamships, Ltd., 304 Crédit Foncier Bldg., Vancouver, B.C.      |
| 131075 | Margaret E.         | Charlottetown      | 39      | 8       | 11    | Alfred McLeod, French River, P.E.I.   |
| 136972 | Margaret F.         | Collingwood        | 56      | 2       | 31    | John P. Monck, Hamilton, Ont.   |
| 138533 | Margaret Haney      | Vancouver          | 240     | 5       | 1,372 | Canada West Coast Navigation Co., Ltd., 1312 Standard Bank Bldg., Vancouver, B.C. |
| 126649 | Margaret L.         | Port Dover         | 60      | 3       | 40    | Thomas H. Lowe, Port Dover, Ont.  |
| 130959 | Margaret M. Gray    | Halifax            | 54      | 2       | 25    | A. L. Smith, et al., J.O., Port Hood, N.S.  |
| 138025 | Margaret O.         | Kenora             | 43      | 2       | 24    | John A. Quick, Rainy River, Ontario.  |
| 126864 | Margaretville       | Amapolis Royal     | 93      | 8       | 107   | Martimeau Fish Corporation, Ltd., St. Nicholas Bldg., Montreal, Que.              |
| 138543 | Margery Irene       | Lunenburg          | 40      | 2       | 11    | Arthur Kirkc, M.O., Penant, N.S.  |
| 116690 | Marguerite          | Yonora             | 28      | 0       | 4     | M. H. and Robt. Smith, J.O., Fort Frances, Ont.                                   |
| 117176 | Marguerite          | Windsor, Ont.      | 23      | 0       | 4     | Joseph Arrent, Windsor, Ont.  |
| 119027 | Maria               | Quebec             | 69      | 2       | 3     | W. J. Proulx, Montreal, Que.  |
| 141708 | Marian II           | Quebec             | 13      | 9       | 27    | M. H. Gilmour, Galiano Isld., B.C.  |
| 108846 | Mariane             | Port Arthur        | 77      | 7       | 5     | The Rainy River Lumber Co., Ltd., Rainy River, Ont.                               |
| 111008 | Marie Anna          | Quebec             | 47      | 7       | 2     | Xavier Marvell and Joseph Dupont, St. Michel de Mistassini, Que.                  |
| 111708 | Marie C.            | Port Hawkesbury    | 64      | 0       | 36    | Donatiquis Bouchon, Petit de Grat, N.S.   |
| 130781 | Marie H. LeBlanc    | Port Hawkesbury    | 38      | 0       | 18    | Gabriel LeBlanc, Miramichi, N.S.  |
| 107876 | Marie Louise        | Lindsay            | 52      | 7       | 25    | Jos. Briggs Park, Lindsay, Ont.   |
| 92754  | Marie Louise        | Quebec             | 57      | 7       | 99    | La Compagnie Générale du Port de Chicoutimi, Chicoutimi, Que.                     |
| 111627 | Mario Louise        | Quebec             | 37      | 7       | 6     | Joseph Veilleux, Alma Ville, Shawanigan Falls, Que.                               |

1 Formerly "Gladys," 2 Foreign name "Charlotte S." 3 Formerly a sailing vessel. 4 Foreign name "Pauline." 5 Foreign name "E.M. Peck." 6 Formerly "Soutang." 7 Formerly "Jonic" and "Caba." 8 Formerly "Bickerdike" and "Arabia." 9 Foreign name "Northwest." 10 Formerly "Thomas Crosby." 11 Foreign name "Wyoming." 12 Formerly "Fairfax." 13 Formerly "Maplehill" and "Nipigon." 14 Formerly "Omaha." 15 Foreign name "Pawnee." 16 Formerly "Fowler." 17 Formerly "Cudillac." 18 Formerly "Seguin."

ALPHABETICAL. List of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE DES VAPEURS INSCRITS DANS LES REGISTRES MARITIMES DU CANADA AU 31 DÉCEMBRE 1920.

Abbreviations: **J.O.**, Joint Owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Partide—à parts; **Se.**, Screw—à hélice.   
 Equipped with Wireless—Muni de la T. S. F.—Names of Motor Vessels in italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Construction. | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10ths. | Breadth in feet and 10ths.<br>Largeur en pieds et 10ths. | Depth in feet and 10ths.<br>Profondeur en pieds et 10ths. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en c. v. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant et adresse. |
|--------------|---------------------------------|---|-------------------------|---------------------------------------|--|--|---|---------------------------------|--|---|--|
| 134003       | <i>Marie Noelle</i>             | Chatham, N.B.                               | 1914                    | Charlottetown, N.B.                   | 26 0   | 12 0   | 5 0   | 12                              | 11   | 1 86  | Fabien D. Landry, Caraquet, N.B.   |
| 121662       | Marie Noelle                    | Quebec                                      | 1905                    | St. Alexis, Que.                      | 45 6   | 12 8   | 5 4   | 24                              | 16   | 10 86   | Joseph Page, St. Alexis, Que.  |
| 130772       | Marion                          | Sault-Stg. Marie                            | 1883                    | Chicago, Ill., U.S.A.                 | 69 0   | 15 3   | 7 6   | 40                              | 8  | 17 86   | Stephen Sheppard, Sault-Stg. Marie, Ont.   |
| 133884       | <i>Marie Express No. 1</i>      | Vancouver                                   | 1913                    | Vancouver, B.C.                       | 73 0   | 14 5   | 6 5   | 65                              | 31   | 17 86   | Marie Navigation & Engineering Co., Ltd., 621 Bidwell St. Vancouver, B.C.            |
| 85657        | Marion                          | Halifax                                     | 1876                    | New York, N.Y., U.S.A.                | 142 4  | 26 5   | 8 0   | 475                             | 269  | 49 144  | Bras d'Or Steamboat Co., Ltd., North Sydney, N.S.                                    |
| 116946       | Marion                          | Kenora                                      | 1904                    | Prince Albert, Sask.                  | 64 0   | 12 0   | 2 8   | 32                              | 21   | 1 86  | Eds. Doucet, Prince Albert, Sask.  |
| 117074       | Marion                          | Toronto                                     | 1905                    | Sombra, Ont.                          | 34 7   | 10 0   | 3 8   | 9                               | 6  | 1 86  | W. F. Ball, Sombra, Ont.   |
| 22527        | Marion                          | Vancouver                                   | 1907                    | Vancouver, B.C.                       | 26 0   | 9 0  | 4 5   | 13                              | 9  | 1 86  | John Cassidy, Melwood, Alberta.  |
| 141510       | <i>Marion B.</i>                | Halifax                                     | 1913                    | Montreal, Que.                        | 27 0   | 10 0   | 5 2   | 13                              | 7  | 1 86  | Price Bros. & Co., Ltd., 56 St. Peters St., Quebec, Que.                             |
| 138764       | <i>Marion Grace</i>             | Halifax                                     | 1908                    | Port Beaulieu, N.S.                   | 87 5   | 19 6   | 9 3   | 109                             | 82   | 3 86  | James F. Ross, Halifax, N.S.   |
| 116682       | Marion Irving                   | Leitchfield                                 | 1908                    | Port Beaulieu, N.S.                   | 60 2   | 15 0   | 6 0   | 41                              | 24   | 6 86  | John H. Kelley, New Carlisle, Que.   |
| 226820       | <i>Marion Mosher</i>            | Lambert                                     | 1910                    | Quebec, N.S.                          | 105 0  | 25 0   | 10 5  | 121                             | 84   | 11 86   | Collin Winters, et al., Riverport, N.S.  |
| 126916       | <i>Marion K.</i>                | Halifax                                     | 1910                    | Halifax, N.S.                         | 51 5   | 13 6   | 6 2   | 22                              | 20   | 1 86  | Wm. C. Poyer, East Jeddore, N.S.   |
| 130283       | Marion                          | St. Catharines                              | 1912                    | Buffalo, N.Y., U.S.A.                 | 50 2   | 11 5   | 5 3   | 19                              | 13   | 2 86  | Geo. Snyder, Berrie, Ont.  |
| 130979       | Mariska                         | Montreal                                    | 1890                    | Cleveland, Ohio, U.S.A.               | 297 0  | 40 3   | 21 2  | 2,702                           | 1,694                                      | 255 86  | Transatlantic Steamship Co., Ltd., 286 St. James St., Montreal, Que.                 |
| 141258       | <i>Maripie B.</i>               | Yarmouth                                    | 1920                    | Wedport, N.S.                         | 68 6   | 18 0   | 6 7   | 61                              | 38   | 13 86   | Leonard Fisheries, Ltd., Montreal, Que.  |
| 226259       | <i>Mark Tustin</i>              | Lambert                                     | 1910                    | Lambert, N.S.                         | 42 8   | 10 6   | 5 6   | 12                              | 11   | 1 86  | William Wright, Blue Rocks, N.S.   |
| 111873       | Markland                        | Yarmouth                                    | 1902                    | Yarmouth, N.S.                        | 47 0   | 12 6   | 5 0   | 22                              | 15   | 6 86  | C. S. P. Robbins and R. S. McKay, J. O., Yarmouth, N.S.                              |
| 319655       | Marona                          | Sydney, N.S.                                | 1912                    | Tantriville, N.S.                     | 45 0   | 13 0   | 6 9   | 16                              | 13   | 7 86  | Jas. H. Crookshanks, Sydney, N.S.  |
| 341184       | Marora                          | New Westminister                            | 1916                    | Westport, B.C.                        | 34 3   | 7 9  | 3 6   | 8                               | 5  | 1 86  | Matsuro Morishima, Steveston, B.C.   |
| 138708       | Markard                         | Vancouver                                   | 1918                    | New Island, B.C.                      | 25 9   | 10 5   | 4 5   | 11                              | 7  | 1 86  | Heber L. Clifton, Hartley Bay, B.C.  |
| 122615       | Marston                         | Godsrich                                    | 1914                    | Godsrich, Ont.                        | 62 0   | 16 0   | 8 8   | 64                              | 44   | 24 86   | The Shipping Controller, London, Eng.  |
| 102422       | Marston                         | Vancouver                                   | 1893                    | Bowling, G.B.                         | 140 0  | 24 0   | 10 5  | 324                             | 124  | 70 86   | Coastwise Steamship & Barge Co., Ltd., 813-710 Granville St., Vancouver, B.C.        |
| 83160        | Marston                         | Bellville                                   | 1896                    | Marmora, Ont.                         | 35 0   | 8 7  | 4 5   | 13                              | 9  | 6 86  | Geo. B. Blocker, Marmora, Ont.   |
| 110473       | Marshall W.                     | Chatham, N.B.                               | 1905                    | Chatham, N.B.                         | 31 4   | 13 0   | 3 0   | 6                               | 4  | 4 86  | W. A. Bryenton, Derby, N.B.  |
| 11067        | Marcello                        | St. John, N.B.                              | 1893                    | Jemseg, N.B.                          | 51 5   | 13 0   | 6 0   | 34                              | 23   | 11 86   | Murray McL. Holly and Alexander B. Holly, St. John, N.B.                             |
| 13107        | Marcello                        | Port Arthur                                 | 1901                    | Wyandotte, Mich., U.S.A.              | 349 0  | 41 4   | 24 0  | 3,396                           | 2,010                                      | 161 86  | Canada Steamship Lines, Ltd., 9 Victoria Sq., Montreal, Que.                         |
| 124216       | Marcel N.                       | Vancouver                                   | 1909                    | Vancouver, B.C.                       | 33 0   | 9 5  | 4 5   | 13                              | 9  | 3 86  | Mrs. Ames Asser, Victoria, B.C.  |
| 126220       | Marvis                          | Vancouver                                   | 1908                    | Vancouver, B.C.                       | 56 6   | 17 6   | 7 7   | 69                              | 47   | 22 86   | Pacific Construction Co., Ltd., 508 Hastings St. W., Vancouver, B.C.                 |



SESSIONAL PAPER No. 22

| 71214  | Mary                | Montreal        | 1875 | Port Huron, Mich., U.S.A. | 65 4  | 16 0 | 8 6   | 53  | 34  | 37 sec.  | Montreal Transportation Co., Ltd., 14 Place Royale, Montreal, Que.            |
|--------|---------------------|-----------------|------|---------------------------|-------|------|-------|-----|-----|----------|---|
| 117027 | Mary                | Sydney, N.S.    | 1905 | Mahone Bay, N.S.          | 49 2  | 14 8 | 6 6   | 28  | 24  | 2 sec.   | Job W. Dobson, Sydney, N.S.   |
| 61154  | Mary A. Laughlin    | Toronto         | 1913 | Sydney, N.S.              | 48 0  | 10 5 | 5 0   | 23  | 12  | 42 sec.  | Thomas Gauthier, Montreal, Que.   |
| 74500  | Mary Ann            | Petron, N.S.    | 1880 | Buffalo, N.Y., U.S.A.     | 50 5  | 12 3 | 6 7   | 25  | 17  | 40 sec.  | O. Smith, Richibucto, N.B.  |
| 99911  | Mary Battle         | Montreal        | 1888 | Wallace, N.S.             | 57 4  | 13 4 | 8 8   | 30  | 14  | 44 sec.  | Maritime Wrecking & Salvage Co., Ltd., 286 St. James St., Montreal, Que.      |
| 126399 | Mary Blanche        | Parrsboro'      | 1912 | Southampton, Ont.         | 130 0 | 26 0 | 9 4   | 275 | 157 | 44 sec.  | Charles T. White & Son, Ltd., East Apple River, N.S.                          |
| 150242 | Mary Currie         | Halifax         | 1917 | Port Greenville, N.S.     | 61 2  | 16 0 | 6 0   | 44  | 25  | 24 sec.  | Wm. McPartridge, et al., Halifax, N.S.  |
| 117026 | Mary E. Daisley     | Sydney, N.S.    | 1905 | Sorel, Que.               | 84 0  | 19 2 | 10 0  | 112 | 51  | 24 sec.  | A. Daisley, Dingwall, N.S.  |
| 103821 | Mary Ellen          | Cornwall        | 1896 | Aspy Bay, N.S.            | 54 3  | 12 5 | 4 3   | 17  | 16  | 46 sec.  | J. Jessner and M. Jessner, Cornwall, Ont.                                     |
| 107839 | Mary F. Graf        | Victoria        | 1898 | Cornwall, Ont.            | 57 4  | 13 4 | 8 8   | 30  | 14  | 26 pa.   | The British Yukon Navigation Co., Ltd., 589 Granville St., Vancouver, B.C.    |
| 141458 | Mary Francis Whalen | Halifax         | 1917 | Seattle, Wash., U.S.A.    | 177 6 | 33 7 | 6 0   | 804 | 544 | 24 sec.  | Thos. M. Kirkwood, Montreal, Que.   |
| 140994 | Mary H. Boyce       | Toronto         | 1888 | Montreal, Que.            | 84 0  | 19 2 | 10 0  | 113 | 14  | 64 sec.  | Ontario Transportation & Pulp Co., Ltd., Thorold, Ont.                        |
| 134164 | Mary H. Cann        | Yarmouth        | 1914 | Sagshaw, Mich., U.S.A.    | 81 0  | 34 0 | 13 7  | 864 | 478 | 14 sec.  | Hugh Cann & Son, Ltd., Yarmouth, N.S.   |
| 131157 | Mary I. Robertson   | Peterboro       | 1914 | Mahone Bay, N.S.          | 69 4  | 17 4 | 7 4   | 58  | 24  | 2 sec.   | Fred A. Robertson and Paul J. Maloney, Cornwall, Ont.                         |
| 133069 | Mary K.             | Halifax         | 1913 | Glen Ross, Ont.           | 37 0  | 11 6 | 4 2   | 8   | 5   | 1 sec.   | Simcoe Guyotche, et al., River Bourgeois, N.S.                                |
| 122345 | Mary L.             | Toronto         | 1907 | Lancok, N.S.              | 45 0  | 11 4 | 5 8   | 15  | 12  | 6 sec.   | Theophile Light, Penetanguishene, Ont.  |
| 111769 | Mary Louise         | Kingston        | 1902 | Pentang, Ont.             | 40 0  | 10 0 | 4 2   | 10  | 6   | 3 sec.   | Jehouda Ooon, Morton, Ont.  |
| 141027 | Mary M. Christopher | Prince Rupert   | 1918 | Portland, Ont.            | 77 2  | 15 9 | 6 7   | 28  | 13  | 24 sec.  | W. T. Keegan and Chas. E. Larkin, Prince Rupert, B.C.                         |
| 141061 | Mary Mabel          | Archeat         | 1919 | N. Vancouver, B.C.        | 45 2  | 13 5 | 6 7   | 25  | 12  | 4 sec.   | Henry Sampson, M.O., Louisdale, N.S.  |
| 131071 | Mary Maudie         | Montréal        | 1912 | Louisdale, N.S.           | 34 6  | 10 0 | 5 0   | 11  | 10  | 4 sec.   | George Johnson, West Dover, N.S.  |
| 121825 | Mary P. Hill        | Montreal        | 1898 | West Dover, N.Y., U.S.A.  | 40 2  | 10 0 | 5 5   | 11  | 10  | 42 sec.  | The Montreal Transportation Co., Ltd., 14 Place Royale, Montreal, Que.        |
| 97019  | Mary R.             | St. Catharines  | 1897 | Ogdensburg, N.Y., U.S.A.  | 82 2  | 30 3 | 10 2  | 104 | 43  | 27 sec.  | Great Lakes Transportation Co., Ltd., Midland, Ont.                           |
| 137927 | Mary Rae            | Chatham, N.B.   | 1915 | Port Colborne, Ont.       | 47 3  | 16 0 | 9 6   | 44  | 30  | 1 sec.   | W. S. Loggie Co., Ltd., Chatham, N.B.   |
| 141804 | Mary Roberta        | Vancouver       | 1920 | Traacadie, N.B.           | 42 9  | 9 5  | 4 5   | 12  | 10  | 2 sec.   | Otto C. Jacobson, Victoria, B.C.  |
| 130311 | Mary Stewart        | Toronto         | 1882 | St. Catharines, Ont.      | 71 0  | 15 2 | 8 8   | 37  | 18  | 28 sec.  | Camduan Stewart Co., Ltd., Cherry St., Toronto, Ont.                          |
| 135837 | Mary S. T. La       | Chatham, N.B.   | 1910 | Doughtstown, N.B.         | 53 5  | 30 6 | 5 0   | 29  | 18  | 1 sec.   | William M. Sullivan, Red Bank, N.B.   |
| 141460 | Mary Smith          | Halifax         | 1917 | Pre d'en haut, N.B.       | 61 5  | 20 9 | 4 7   | 49  | 33  | 1 sec.   | Sifroid Gautreau, Pre d'en haut, N.B.   |
| 137923 | Mary Swan           | Chatham, N.B.   | 1915 | Sorel, Que.               | 84 0  | 19 2 | 10 0  | 98  | 50  | 24 sec.  | Alex. Smith, Dartmouth, N.S.  |
| 130650 | Mary Wiant          | Vancouver       | 1911 | Escuminac, N.B.           | 34 8  | 11 5 | 5 0   | 12  | 7   | 1 sec.   | W. S. Loggie Co., Ltd., Chatham, N.B.   |
| 141822 | Masako              | New Westminster | 1919 | Vancouver, B.C.           | 34 8  | 3 2  | 4 0   | 10  | 7   | 1 sec.   | Rugh M. Wood, North Arm, Burrard Inlet, B.C.                                  |
| 121913 | Mascoe              | Kenora          | 1900 | Steveston, B.C.           | 33 6  | 8 2  | 3 0   | 6   | 2   | 1 sec.   | Nossboro Odl, Steveston, B.C.   |
| 94764  | Mascott             | Owen Sound      | 1890 | Detroit, Mich., U.S.A.    | 39 0  | 12 5 | 3 0   | 8   | 14  | 20 sec.  | George Drewry, Kenora, Ont.   |
| 105349 | Masotte             | Lanenburg       | 1890 | Meaford, Ont.             | 57 7  | 14 6 | 4 9   | 21  | 14  | 25 sec.  | James Pilgrim, Meaford, Ont.  |
| 100396 | Masotte             | Hamilton        | 1890 | Dartmouth, N.S.           | 52 4  | 10 3 | 6 0   | 35  | 24  | 25 sec.  | G. W. Naas, Lunenburg, N.S.   |
| 141173 | Masotte             | New Westminster | 1913 | Hamilton, Ont.            | 58 4  | 16 6 | 3 9   | 39  | 26  | 36 sec.  | William C. Gidley, Hamilton, Ont.   |
| 138076 | Mason               | Ottawa          | 1917 | New Westminster, B.C.     | 115 1 | 23 5 | 12 5  | 245 | 91  | 2 sec.   | West Coast Towing and Salvage Co., Ltd., 740 Hastings St. W., Vancouver, B.C. |
| 129529 | Mastodon            | Vancouver       | 1910 | Masson, Que.              | 36 0  | 30 0 | 3 2   | 14  | 10  | 102 sec. | Alphonse Lafontaine, Masson, Que.   |
| 117018 | Mataue              | Quebec          | 1903 | Renfrew, G.B.             | 200 3 | 26 6 | 12 5  | 748 | 435 | 3 sec.   | The Manager of Public Works, Ottawa, Ont.                                     |
| 107436 | Mather              | Montreal        | 1903 | Sandy Bay, Que.           | 61 5  | 13 0 | 3 2   | 48  | 13  | 31 sec.  | Louis E. Verest, Melville, Que.   |
| 109676 | Mattada H.          | Montreal        | 1899 | Toronto, Ont.             | 87 5  | 19 0 | 10 2  | 68  | 22  | 30 sec.  | Keewatin Lumber Co., Ltd., Keewatin, Ont.                                     |
| 120476 | Mataue              | Vancouver       | 1904 | Sorel, Que.               | 72 0  | 20 1 | 10 3  | 113 | 61  | 31 sec.  | Succowan Navigation Line, Ltd., Montreal, Que.                                |
| 120476 | Mataue              | Vancouver       | 1904 | Sorel, Que.               | 40 0  | 10 1 | 3 2   | 113 | 61  | 31 sec.  | Keewatin Navigation Line, Ltd., Montreal, Que.                                |
| 134115 | Mataue              | Vancouver       | 1911 | Vancouver, B.C.           | 82 3  | 21 0 | 5 0   | 117 | 11  | 40 sec.  | British Columbia Cement Co., Ltd., Toronto, Ont.                              |
| 131063 | Mataue              | Vancouver       | 1913 | Steveston, B.C.           | 42 8  | 9 5  | 3 6   | 17  | 11  | 1 sec.   | David Burke, Steveston, B.C.  |
| 122902 | Maud                | Lanenburg       | 1905 | Vancouver, N.S.           | 42 0  | 10 3 | 5 8   | 12  | 4   | 3 sec.   | Thos. M. Kirkwood, Montreal, Que.   |
| 126503 | Maud Alban          | Victoria        | 1900 | Laniflor, Ont.            | 32 5  | 7 0  | 3 2   | 14  | 3   | 4 sec.   | D. Raymond, Dundas, Ont.  |
| 141808 | Maud Annis          | Victoria        | 1900 | Long Lake, B.C.           | 39 0  | 8 1  | 3 2   | 10  | 7   | 4 sec.   | Johnson & Carswell, Ltd., Long Lake, B.C.                                     |
| 107172 | Maud C.             | Port Arthur     | 1897 | Suswap Lake, B.C.         | 65 0  | 15 5 | 4 5   | 94  | 64  | 1 sec.   | Arrow Lakes Lumber Co., Ltd., Kamloops, B.C.                                  |
|        |                     |                 |      | Rossport, Ont.            | 30 0  | 9 2  | ..... | 5   | 3   | 1 sec.   | Thos. Craigie, Rossport, Ont.   |

†Formerly "D. J. Burke." †Formerly "No. 505."

‡Formerly "Lillie Smith." ‡Formerly "Mars."

‡Formerly a sailing vessel. ‡Recovered wreck.

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—*Abbreviations*: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Paddle—à aubes; Sc., Screw—à hélice. ©Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No.<br>N <sup>o</sup> officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10 <sup>es</sup> . | Breadth in feet and 10ths.<br>Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths.<br>Profondeur en pieds et 10 <sup>es</sup> . | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode<br>e. v. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--|---------------------------------|---|------------------------|---------------------------------------|--|--|---|---------------------------------|--|--|---|
| 116481                                   | Maude                           | Wallaceburg                                 | 1902                   | Wallaceburg, Ont.                     | 60 2   | 13 5   | 5 0   | 19                              | 13   | 3 sc.  | William H. Bidon, et al., J. O., Chatham, Ont.  |
| 107832                                   | Maude Moore                     | Peterborough                                | 1890                   | Peterborough, Ont.                    | 42 4   | 8 4  | 3 5   | 4                               | 12 sc.                                     | W. J. Shadracs, Oceanian Mills, B.C.                     |   |
| 111592                                   | Mavis                           | St. Andrews                                 | 1900                   | St. John, N.B.                        | 33 4   | 14 6   | 8 1   | 29                              | 20   | 1 sc.  | Worce Aldred and Vincent Vennel, Vetchpool, N.B.                                      |
| 122592                                   | Mavour                          | Vancouver                                   | 1907                   | Vancouver, B.C.                       | 52 4   | 9 3  | 3 6   | 13                              | 19   | 1 sc.  | Wm. Plumbert and W. L. Cameron, Vancouver, B.C.                                       |
| 134095                                   | May                             | Vancouver                                   | 1914                   | Vancouver, B.C.                       | 32 4   | 9 6  | 4 2   | 16                              | 11   | 1 sc.  | Wm. P. Kaine, Vancouver, B.C.   |
| 138615                                   | May Aitken                      | Chatham, N.B.                               | 1918                   | Port Burwell, N.B.                    | 33 0   | 17 0   | 5 5   | 33                              | 35   | 12 sc.   | The New West Steamship Co., Ltd., New West, N.B.                                      |
| 97109                                    | Max I.                          | Port Burwell                                | 1911                   | Port Burwell, Ont.                    | 67 5   | 15 0   | 7 2   | 40                              | 27   | 5 sc.  | Geo. A. Van Ooster, Port Burwell, Ont.  |
| 107192                                   | Maxie                           | Toronto                                     | 1898                   | Meaford, Ont.                         | 44 0   | 11 2   | 3 8   | 16                              | 11   | 2 1/2 sc.  | Patrick J. Meslery, Toronto, Ont.   |
| 126001                                   | Maxwell, A.                     | Southampton                                 | 1891                   | U.S.A. West Bay City, Mich.           | 80 0   | 21 0   | 7 3   | 98                              | 66   | 21 sc.   | Edwin Tedford and Alvin J. Mesines, Port Burwell, Ont.                                |
| 85292                                    | May                             | Quebec                                      | 1881                   | Southampton, Ont.                     | 41 0   | 12 2   | 5 8   | 21                              | 14   | 7 sc.  | M. J. and W. J. Hackett, J.O., Quebec, Que.   |
| 107460                                   | May                             | Vancouver                                   | 1899                   | Baffalo, N.Y. U.S.A.                  | 29 0   | 8 7  | 3 3   | 8                               | 5  | 1 sc.  | C. C. Bates, Clear Creek, Ont.  |
| 97105                                    | May B.                          | Port Burwell                                | 1901                   | Vancouver, B.C.                       | 49 0   | 10 1   | 3 6   | 10                              | 6  | 6 sc.  | Judson F. Clark, Vancouver, B.C.  |
| 122356                                   | May C.                          | Kingston                                    | 1907                   | Port Burwell, Ont.                    | 29 0   | 6 6  | 2 7   | 4                               | 2  | 1 sc.  | Prastus F. Cooke, Ganarone, Ont.  |
| 103929                                   | May Flower                      | Peterborough                                | 1897                   | Peterborough, Ont.                    | 25 5   | 6 4  | 3 0   | 6                               | 4  | 5 sc.  | Elizabeth Demell, Peterborough, Ont.  |
| 94987                                    | May Queen                       | Pictou, N.S.                                | 1892                   | Charlottetown, P.E.I.                 | 53 3   | 16 0   | 5 8   | 36                              | 18   | 40 sc.   | Fred. Magee, Ltd., Port Elgin, N.B.   |
| 140986                                   | Mayflower                       | Toronto                                     | 1890                   | Toronto, Ont.                         | 140 2  | 28 2   | 6 8   | 189                             | 119  | 29 pa.   | The Toronto Ferry Co., Ltd., Toronto, Ont.  |
| 130769                                   | Mayflower No. 3                 | New Westminster                             | 1918                   | Steveston, B.C.                       | 38 3   | 8 5  | 3 9   | 11                              | 7  | 13 sc.   | Kami Schara Murao, Steveston, B.C.  |
| 85521                                    | Mayhue                          | Quebec                                      | 1899                   | Wolfe Island, Ont.                    | 25 0   | 6 2  | 2 4   | 1                               | 63   | 1 sc.  | Mrs. Laura L. Hinckley, Wolfe Island, Ont.  |
| 126428                                   | Meander                         | Hamilton                                    | 1884                   | New York, U.S.A.                      | 118 1  | 16 1   | 9 1   | 112                             | 63   | 51 sc.   | North East Co., Ltd., 7 Carré Notre-Dame, Quebec, Que.                                |
| 100754                                   | Modena                          | Toronto                                     | 1899                   | Toronto, Ont.                         | 101 0  | 20 0   | 5 7   | 146                             | 87   | 50 sc.   | Lawrence Solman, Toronto, Ont.  |
| 121039                                   | Meg                             | Halifax                                     | 1906                   | Gravenhurst, Ont.                     | 142 6  | 25 6   | 8 5   | 377                             | 256  | 30 sc.   | Gibson Larmer & Shingle Co., Ltd., 1022/837 Hastings St. W., Vancouver, B.C.          |
| 131012                                   | Melrose                         | Quebec                                      | 1912                   | Dartmouth, N.S.                       | 17 5   | 5 8  | 3 0   | 2                               | 4  | 1 sc.  | The Muskoka Lakes Navigation and Hotel Co., Ltd., Toronto, Ont.                       |
| 99833                                    | Melville Dollar                 | Vancouver                                   | 1892                   | Three Rivers, Que.                    | 70 8   | 27 2   | 5 3   | 65                              | 23   | 91 pa.   | Dr. F. Gordon Zwicker, Halifax, N.S.  |
| 121212                                   | Menadora                        | Vancouver                                   | 1905                   | Port Glasgow, G.B.                    | 156 2  | 25 8   | 11 3  | 420                             | 180  | 96 sc.   | Robert F. Grant, Three Rivers, Que.   |
| 111917                                   | Menadora                        | Midland                                     | 1901                   | Port Glasgow, G.B.                    | 370 0  | 50 0   | 26 7  | 4304                            | 2804                                       | 241 sc.  | T. W. B. Landon, Vancouver, B.C.  |
|  |                                 |   |                        | Midland, Ont.                         | 67 5   | 16 0   | 6 3   | 73                              | 50   | 20 sc.   | Dollar Steamship Lines, Ltd., 1112 Standard Bank Bldg. Vancouver, B.C.                |
|  |                                 |   |                        |                                       |  |  |   |                                 |  |  | Midland Towing & Wrecking Co., Ltd., Midland, Ont.                                    |

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| 136501 | Menzies         | Montreal           | 1917 | Saunaur, Que.                | 37 7  | 6 9  | 1 6  | 7    | 4    | 1 se.     | The St. Maurice Construction Co., Ltd., 83 Craig St. W., Montreal, Que.                             |
|--------|-----------------|--------------------|------|------------------------------|-------|------|------|------|------|-----------|---|
| 111590 | Mermaid         | Peterborough       | 1901 | Millbrook, Ont.              | 32 3  | 7 3  | 3 2  | 11   | 7    | 5 se.     | Dr. Henry A. Turner, Millbrook, Ont.  |
| 130452 | Merry Sea       | Vancouver          | 1911 | Vancouver, B.C.              | 54 3  | 10 0 | 5 9  | 25   | 19   | 4 se.     | The Minister of the Naval Service, Ottawa, Ont.   |
| 116590 | Morsey          | Chatham, N.B.      | 1904 | Liverpool, N.S.              | 69 6  | 15 6 | 6 9  | 42   | 27   | 16 se.    | The Non-Res. Dredging and Construction Co., Ltd., Loggieville, N.B.                                 |
| 133924 | Merveil         | Chatham, N.B.      | 1913 | Lanark, N.B.                 | 45 0  | 11 4 | 5 5  | 17   | 12   | 1 se.     | Arthur J. Leys, Lanark, N.B.  |
| 138129 | Merril          | New Westminster    | 1916 | Steveston, B.C.              | 42 0  | 8 6  | 4 6  | 33   | 9    | 1 se.     | Kanekichi Y. Inaba, Steveston, B.C.   |
| 140924 | Messines        | Ottawa             | 1917 | Toronto, Ont.                | 130 0 | 23 5 | 13 5 | 320  | 204  | 59 se.    | The Minister of the Naval Service, Ottawa, Ont.   |
| 141457 | Metak           | Halifax            | 1907 | Sorel, Que.                  | 84 0  | 19 2 | 10 0 | 113  | 32   | 24 se.    | Thos. R. Kirby, St. Catharines, Que.  |
| 107950 | Meleor          | St. Catharines     | 1902 | Port Robinson, Ont.          | 52 0  | 16 4 | 9 1  | 47   | 16   | 10 se.    | Daniel McGrath, St. Catharines, Ont.  |
| 107084 | Meleor          | Ottawa             | 1897 | Opeanicon, B.C.              | 130 5 | 27 0 | 7 4  | 299  | 204  | 165 se.   | La Compagnie de Navigation, Ville Marie, Que.   |
| 134091 | Metra           | Vancouver          | 1914 | Vancouver, B.C.              | 61 1  | 14 0 | 6 0  | 44   | 33   | 3 se.     | The Minister of the Investigation, Ottawa, Ont.   |
| 130521 | Mianus          | Vancouver          | 1912 | Tanook, N.C.                 | 45 2  | 10 8 | 6 0  | 15   | 14   | 1 se.     | David Dugan, McCreely & Co., Ltd., at, Vancouver, B.C.  |
| 126960 | Miawa           | Vancouver          | 1911 | Victoria, B.C.               | 48 0  | 12 6 | 5 8  | 25   | 15   | 3 se.     | McLennan, McCleary & Co., Ltd., at, Vancouver, B.C.   |
| 121055 | Michael Davitt  | Montreal           | 1885 | Tonawanda, N.Y., U.S.A.      | 52 8  | 13 6 | 6 4  | 43   | 236  | 33 se.    | Thos. C. Simpson, Boat Chair Co., Ltd., Owen Sound, Ont.  |
| 94843  | Michigan        | Montreal           | 1885 | Detroit, Mich., U.S.A.       | 117 0 | 24 0 | 9 5  | 408  | 236  | 33 se.    | The North America Boat Chair Co., Ltd., Owen Sound, Ont.  |
| 134227 | Michigan        | Midland            | 1911 | St. Joseph, Mich., U.S.A.    | 40 5  | 8 8  | 3 8  | 10   | 2    | 2 se.     | David McAndrew, Montreal, Que.  |
| 103575 | Midland         | Midland            | 1896 | Midland, Ont.                | 62 0  | 13 0 | 6 8  | 56   | 38   | 16 se.    | Manley Chew, Midland, Ont.  |
| 116661 | Midland King    | Midland            | 1903 | Collingwood, Ont.            | 356 5 | 48 0 | 28 0 | 2965 | 2450 | 151 se.   | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                                     |
| 116669 | Midland Prince  | Midland            | 1907 | Collingwood, Ont.            | 436 0 | 55 0 | 27 0 | 6133 | 4560 | 136 se.   | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                                     |
| 141299 | Mike            | Vancouver          | 1919 | Vancouver, B.C.              | 52 6  | 15 2 | 7 1  | 35   | 24   | 7 1/2 se. | Gitaro Kayonogi, Elburso, B.C.  |
| 111426 | Mikado          | Halifax            | 1802 | Dartmouth, N.S.              | 61 3  | 17 6 | 5 7  | 44   | 30   | 3 1/2 se. | Pekkers Steamship Co., Ltd., 517 Granville St., Vancouver, B.C.                                     |
| 140999 | Mike            | Toronto            | 1919 | Burk's Falls, Ont.           | 52 8  | 13 0 | 3 5  | 57   | 34   | 8 se.     | Albert A. Acar, Burk's Falls, Ont.  |
| 141182 | Mike O.         | New Westminster    | 1917 | New Westminster, B.C.        | 38 3  | 10 6 | 4 4  | 13   | 9    | 1 se.     | Pekkers Steamship Co., Ltd., 517 Granville St., Vancouver, B.C.                                     |
| 100666 | Mildred         | Belleville         | 1895 | Gananoque, Ont.              | 34 5  | 7 3  | 3 0  | 5    | 3    | 9 se.     | J. A. Wheeler, Belleville, Ont.   |
| 103267 | Mildred         | St. John, N.B.     | 1897 | Cambridge, N.B.              | 54 0  | 14 7 | 7 0  | 40   | 27   | 13 se.    | Walter H. Wasson, Parrshoro, N.S.   |
| 116265 | Mildred         | Toronto            | 1903 | Toronto, Ont.                | 70 0  | 10 0 | 3 5  | 39   | 25   | 10 se.    | E. R. Wood, Toronto, Ont.   |
| 150217 | Mildred F.      | Barrington Passage | 1920 | Clarks Harbour, N.S.         | 33 8  | 10 7 | 5 2  | 12   | 12   | 1 1/2 se. | Maurice A. Nickerson, Clarks Harbour, N.S.  |
| 133783 | Mildred McColl  | St. Andrews        | 1912 | East Boothbay, Maine, U.S.A. | 58 0  | 12 4 | 6 6  | 35   | 24   | 3 se.     | The Minister of the Naval Service, Ottawa, Ont.   |
| 122201 | Milicote        | Amherst, N.S.      | 1906 | Port Hawkesbury, N.S.        | 70 0  | 15 0 | 6 3  | 53   | 45   | 8 1/2 se. | Nathaniel Curry, Amherst, N.S.  |
| 133032 | Milda           | Barrington Passage | 1916 | Port Clyde, N.S.             | 35 9  | 9 8  | 5 2  | 13   | 12   | 3 se.     | Sexton Powell and Leroy Slate, Upper Port La Tour, N.S.   |
| 133680 | Mill Bay A.     | Prince Rupert      | 1918 | Mill Bay, B.C.               | 55 0  | 14 0 | 7 2  | 39   | 19   | 3 se.     | Taichi Machida, Mill Bay, B.C.  |
| 107305 | Millie K.       | Windsor, N.S.      | 1900 | Whitewater, N.S.             | 48 0  | 13 0 | 5 2  | 20   | 7    | 10 se.    | James D. Ellis, Kingsport, N.S.   |
| 111856 | Mills           | Owen Sound         | 1903 | Owen Sound, Ont.             | 38 0  | 9 9  | 4 0  | 11   | 4    | 4 se.     | Norman Trotter, Little Current, Ont.  |
| 131218 | Mimosa          | Sydney, N.S.       | 1911 | Sydney, N.S.                 | 25 2  | 6 9  | 3 8  | 4    | 7    | 4 se.     | Cyril G. Rockett, Sydney, N.S.  |
| 125773 | Mina Brea       | Toronto            | 1909 | Greenock, G.B.               | 300 3 | 49 2 | 26 5 | 4145 | 2560 | 400 se.   | International Petroleum Co., Ltd., 311 Dominion Bank Bldg., Toronto, Ont.                           |
| 126529 | Mina G.         | Ottawa             | 1910 | Horseshoe Bay, Que.          | 45 0  | 13 2 | 5 7  | 23   | 15   | 4 se.     | The Minister of Public Works, Ottawa, Ont.  |
| 126174 | Mina W.         | Vancouver          | 1908 | Steveston, B.C.              | 35 5  | 9 1  | 3 7  | 7    | 5    | 3 se.     | The Church and Mense Board of the Presbyterian Church in Canada, Confederation Bldg., Toronto, Ont. |
| 130720 | Mimaki          | Kenora             | 1914 | Kenora, Ont.                 | 59 7  | 13 4 | 5 0  | 63   | 36   | 3 se.     | Duglas Cummings and Thomas H. Graham, J.O., Dryden, Ont.  |
| 130715 | Mimasin         | Kenora             | 1911 | The Pas, Man., U.S.A.        | 60 0  | 13 2 | 5 0  | 38   | 26   | 6 se.     | George R. Baneroff, The Pas, Man.   |
| 134247 | Ming            | Toronto            | 1903 | New York, N.Y., U.S.A.       | 56 0  | 10 5 | 4 3  | 20   | 13   | 5 se.     | Frank W. Callihart, Toronto, Ont.   |
| 107361 | Mimitaga        | Toronto            | 1898 | Midland, Ont.                | 77 3  | 16 5 | 8 4  | 73   | 29   | 23 se.    | Robert Weddell, Trenton, Ont.   |
| 103881 | Mink            | Ottawa             | 1896 | Gordon Creek, Que.           | 51 2  | 16 0 | 3 5  | 26   | 17   | 2 pa.     | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.  |
| 131085 | Mink            | Toronto            | 1912 | Aylmer, Que.                 | 78 0  | 14 5 | 4 9  | 89   | 60   | 10 se.    | Wm. Hanna, et al., J.O., Port Carling, Ont.   |
| 96981  | Minnabaha       | New Westminster    | 1890 | Gravenhurst, Ont.            | 37 0  | 6 5  | 3 0  | 7    | 5    | 1 se.     | James Hunter, Victoria, B.C.  |
| 130718 | Minnoola        | Kenora             | 1893 | Owen Sound, Ont.             | 32 0  | 7 5  | 3 0  | 9    | 6    | 1 se.     | Glass Reef Gold Mining Co., Ltd., Little Mountain, Ont.   |
| 121778 | Minnoc          | Toronto            | 1899 | Owen Sound, Ont.             | 36 0  | 6 2  | 2 7  | 4    | 3    | 1 se.     | A. F. Bailey, Fox Point, Ont.   |
| 122580 | Minnoc          | Midland            | 1902 | Collingwood, Ont.            | 55 0  | 9 6  | 9 4  | 35   | 24   | 5 se.     | D. S. Pratt, Midland, Ont.  |
| 121725 | Minnie          | Vancouver          | 1906 | Sunbury, B.C.                | 32 0  | 10 8 | 4 6  | 13   | 9    | 2 se.     | Charles Ashenpeller, Courtenay, B.C.  |
| 116662 | Minnie A. Clark | Goderich           | 1903 | Goderich, Ont.               | 69 3  | 15 0 | 6 5  | 36   | 25   | 11 se.    | Dominion Fish Co., Ltd., Winnipeg, Man.   |

Formerly sailing vessels.  
 Formerly "W. F. Loggie."  
 Formerly "Hazel Dollar."  
 Formerly "City of Windsor;" and "F. K. Roberts."  
 Foreign name "The Mississ."

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—Abréviations: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Paddle—à aubes; St., Screw—à hélice.   
 ○ Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in italics—Les noms des vaisseaux à moteurs sont en italiques.

| Official No.<br>N <sup>o</sup> officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Constructé en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en c.v. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--|---------------------------------|---|-------------------------|---------------------------------------|---|---|--|---------------------------------|--|--|---|
| 116662                                   | Minnie C.                       | Midland                                     | 1904                    | Midland, Ont.                         | 34 0  | 8 5   | 4 0  | 7                               | 5  | 1 sc.  | James Crawford, Moon River, P. O., Pary Sound, Ont.                                   |
| 122234                                   | <i>Minnie Laura</i>             | Warrington Passage                          | 1907                    | Clarks Harbour, N.S.                  | 36 0  | 10 3  | 0 2  | 11                              | 10   | 1 sc.  | P. I. Walters, Halifax, N.S.  |
| 122119                                   | Minnie Martin                   | Midland                                     | 1908                    | Midland, Ont.                         | 40 8  | 12 0  | 5 7  | 30                              | 12   | 4 sc.  | Mrs. Mary Martin, Midland, Ont.   |
| 167163                                   | Minnie May                      | Midland                                     | 1894                    | Cobosconk, Ont.                       | 42 4  | 12 0  | 3 0  | 10                              | 8  | 5 pa.  | John E. Phillips, Cobosconk, Ont.   |
| 141465                                   | <i>Minnie Ferna</i>             | Victoria                                    | 1920                    | Victoria, B.C.                        | 43 4  | 12 5  | 8 0  | 18                              | 10   | 4 sc.  | Federick Tuck, et al., Victoria, B.C.   |
| 126672                                   | Minnie W.                       | Port Arthur                                 | 1911                    | Port William, Ont.                    | 63 0  | 14 2  | 8 0  | 57                              | 34   | 10 sc.   | The Great Lakes Dredging & Contracting Co., Ltd., Ottawa, Ont.                        |
| 126913                                   | Minoca                          | Halifax                                     | 1910                    | Dartmouth, G.B.                       | 83 5  | 19 1  | 9 4  | 110                             | 43   | 28 sc.   | The Minister of Agriculture, Ottawa, Ont.   |
| 126602                                   | Minora                          | Halifax                                     | 1904                    | Baltimore, Md., U.S.A.                | 95 0  | 20 6  | 9 5  | 143                             | 81   | 45 sc.   | Northern Dredging & Construction Co., Ltd., Longville, N.B.                           |
| 133664                                   | <i>Minora</i>                   | Halifax                                     | 1909                    | Digby, N.S.                           | 22 7  | 5 8   | 3 3  | 2                               | 1  | 1 sc.  | Federick J. Ward, Halifax, N.S.   |
| 126928                                   | <i>Minora</i>                   | Quebec                                      | 1908                    | Roberval, Que.                        | 35 0  | 8 0   | 2 4  | 11                              | 7  | 1 sc.  | Simon Chon, Roberval, Que.  |
| 107453                                   | Minto                           | Vancouver                                   | 1898                    | Nakusp, B.C.                          | 161 7   | 39 1  | 5 0  | 820                             | 522  | 14 pa.   | Canadian Pacific Railway Co., Montreal, B.C.  |
| 129792                                   | Mio                             | New Westminster                             | 1910                    | New Westminster, B.C.                 | 34 4  | 6 6   | 3 0  | 6                               | 3  | 1 sc.  | Branch Hamade, Steveston, B.C.  |
| 130870                                   | <i>Mio</i>                      | New Westminster                             | 1911                    | New Westminster, B.C.                 | 30 0  | 6 6   | 2 0  | 5                               | 3  | 1 sc.  | Kassas, New Westminster, B.C.   |
| 133731                                   | <i>Mio</i>                      | Vancouver                                   | 1885                    | Vancouver, B.C.                       | 35 5  | 9 3   | 2 0  | 12                              | 8  | 1 sc.  | Mrs. Florence H. Newbourn, North Vancouver, B.C.                                      |
| 88666                                    | Miracchi                        | Vancouver                                   | 1885                    | Chelan, N.B.                          | 37 7  | 17 3  | 9 9  | 72                              | 49   | 25 sc.   | Alvan M. Stearn Navigation Co., Chatham, N.B.   |
| 134553                                   | Miscad                          | Port Burwell                                | 1915                    | Welland, Ont.                         | 80 0  | 20 0  | 9 0  | 114                             | 40   | 20 sc.   | Alvan M. Stearn and Brian G. Padford, P. O., Port Burwell, Ont.                       |
| 107689                                   | Miss Yanderbury                 | Prosser                                     | 1909                    | Wilmington, Del., U.S.A.              | 90 8  | 20 9  | 0 1  | 266                             | 181  | 10 sc.   | Prosser & Ogdensbourg Ferry Co., Ltd., Prosser, Ont.                                  |
| 134935                                   | Mission                         | Prosser                                     | 1914                    | Montréal, Que.                        | 38 8  | 9 0   | 0 1  | 152                             | 87   | 12 sc.   | John P. O'Shea, Montréal, Que.  |
| 112279                                   | Mississipi                      | Brookville                                  | 1903                    | Nejby, Ont.                           | 95 4  | 19 2  | 0 1  | 132                             | 57   | 12 sc.   | Robt. N. McLean Co., Ltd., Roskport, Ont.   |
| 121731                                   | Mississipi                      | Ottawa                                      | 1905                    | Cartleton Place, Ont.                 | 36 2  | 7 7   | 3 0  | 4                               | 3  | 1 sc.  | Nicholas C. McAlister, Cartleton Place, Ont.  |
| 134550                                   | Mistango                        | Montreal                                    | 1915                    | Low Bush, Ont.                        | 66 3  | 16 0  | 4 3  | 72                              | 39   | 11 pa.   | Adolph Power & Paper Co., Ltd. New Sun Life Bldg., Montreal, Que.                     |
| 100554                                   | Mistassini                      | Quebec                                      | 1891                    | Roberval, Que.                        | 130 0   | 22 4  | 8 2  | 235                             | 143  | 200 pa.  | Royal, Roberval, Que.   |
| 126350                                   | <i>Miyako</i>                   | Vancouver                                   | 1909                    | Steveston, B.C.                       | 56 4  | 14 0  | 4 7  | 31                              | 18   | 4 sc.  | Gulf Islands Fishing & Canning Co., Ltd., 601 North West Bldg., Vancouver, B.C.       |
| 150269                                   | <i>Miyajima</i>                 | Vancouver                                   | 1920                    | Rivers Inlet, B.C.                    | 32 8  | 8 8   | 3 5  | 9                               | 6  | 11 sc.   | Mitsuharu Kwansei, Vancouver, B.C.  |
| 134932                                   | <i>Mizaho</i>                   | New Westminster                             | 1914                    | Steveston, B.C.                       | 25 0  | 8 4   | 4 0  | 10                              | 7  | 1 sc.  | Kujimatsu Takemichi, Steveston, B.C.  |
| 85330                                    | Mocking Bird                    | Owen Sound                                  | 1886                    | Toronto, Ont.                         | 72 0  | 11 8  | 4 2  | 38                              | 26   | 20 sc.   | P. McArthur, Westbourne, Man.   |
| 137897                                   | Modello                         | Toronto                                     | 1915                    | Kingston, Ont.                        | 66 4  | 12 2  | 4 8  | 46                              | 29   | 6 sc.  | Thomas W. Wood, Orillia, Ont.   |
| 900558                                   | Modjeska                        | Hamilton                                    | 1889                    | Yoker, G.B.                           | 178 0   | 31 1  | 12 3   | 678                             | 461  | 180 sc.  | Canatha Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                      |

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|        | Toronto.....        | 1913 | South Portage, Ont.....          | 94 0  | 19 5 | 7 5  | 167  | 103  | 12 sec.....     |  |
|--------|---------------------|------|----------------------------------|-------|------|------|------|------|-----------------|--|
| 133744 | Mohawk Belle.....   | 1913 | South Portage, Ont.....          | 94 0  | 19 5 | 7 5  | 167  | 103  | 12 sec.....     | The Huntsville, Lake of Bays, & Lake Simcoe Navigation Co., Ltd., Huntsville, Ont. |
| 103396 | Mohawk Queen.....   | 1904 | Forsters Island, Ont.....        | 44 6  | 9 0  | 4 0  | 16   | 11   | 2 sec.....      | Robert Weddell, Trenton, Ont.  |
| 141600 | Moineau.....        | 1919 | Amos, Que.....                   | 38 8  | 12 0 | 2 8  | 10   | 5    | 6 sec.....      | Emery Seward, Amos, Que.   |
| 103927 | Mollie.....         | 1897 | Lakefield, Ont.....              | 41 0  | 16 6 | 2 5  | 16   | 7    | 5 sec.....      | J. J. McLean, Peterborough, Ont.   |
| 133178 | Mollie G.....       | 1894 | Hoodland, Wash., U.S.A.....      | 43 7  | 14 3 | 4 7  | 20   | 13   | 2 sec.....      | Andrew C. Gillen, Vancouver, B.C.  |
| 138678 | Mollie M.....       | 1918 | Prince Rupert, B.C.....          | 45 0  | 13 1 | 6 0  | 22   | 8    | 2 sec.....      | Francis Smith and Alexander McLean, J.O., Prince Rupert, B.C.                      |
|        | Mollie S.....       | 1901 | Owen Sound, Ont.....             | 68 0  | 12 7 | 5 0  | 45   | 27   | 9 sec.....      | Pankhurst Manly, Lions Head, Ont.  |
| 137941 | Mollusk.....        | 1915 | Vancouver, B.C.....              | 39 0  | 10 7 | 4 6  | 14   | 10   | 2 sec.....      | Mrs. Violet F. Broder, New Westminster, B.C.                                       |
| 141855 | Mon Plaisir.....    | 1916 | Lachina, Que.....                | 34 8  | 10 1 | 3 8  | 8    | 7    | 4 sec.....      | Herbert Aumont, Lachina, Que.  |
| 138996 | Monaco.....         | 1914 | Vancouver, B.C.....              | 27 8  | 8 3  | 2 8  | 8    | 5    | 1 sec.....      | Herbert Simpson, Vancouver, B.C.   |
| 459509 | Monarch.....        | 1888 | Hampton, G.B.....                | 41 0  | 7 3  | 3 6  | 10   | 6    | 6 sec.....      | H. H. Gardin, Montreal, Que.   |
| 118886 | Monarch I.....      | 1906 | Gores' Landing, Ont.....         | 84 0  | 12 0 | 5 6  | 73   | 50   | 6 sec.....      | The Lake Simcoe Navigation Co., Ltd., Toronto, Ont.                                |
| 126350 | Monarch II.....     | 1915 | Clarks Harbour, N.S.....         | 44 0  | 14 0 | 5 7  | 17   | 17   | 6 sec.....      | Wm. H. Coles, North Gabriel's Isl., B.C.   |
| 141144 | Moness.....         | 1918 | North Gabriel's Isl., B.C.....   | 39 5  | 8 3  | 3 4  | 10   | 39   | 14 sec.....     | The Minister of Public Works, Ottawa, Ont.   |
| 107891 | Monmouth.....       | 1899 | Montreal, Que.....               | 16 6  | 6 3  | 2 2  | 62   | 39   | 2669            | Imperial Oil Ltd., 56 Church St., Toronto, Ont.                                    |
| 113379 | Monmouth.....       | 1903 | Middleborough, G.B.....          | 375 1 | 48 1 | 25 7 | 4078 | 2669 | 236 sec.....    | Wm. A. McAdam, Harrison, B.C.  |
| 119655 | Monodon.....        | 1900 | Olympia, Wash., U.S.A.....       | 36 4  | 9 3  | 3 6  | 10   | 7    | 3 sec.....      | North American Logging Co., Ltd., 402 Standard Bank Bldg., Vancouver, B.C.         |
| 138306 | Monroe.....         | 1907 | Monroe, Wash., U.S.A.....        | 38 2  | 8 4  | 2 4  | 8    | 5    | 3 sec.....      | The Governor, Ben Ferry Co., Ltd., Georgetown, P.E.I.                              |
| 11851  | Montague.....       | 1878 | Georgetown, P.E.I.....           | 79 0  | 19 7 | 8 7  | 130  | 58   | 35 pa.....      | The Minister of Marine and Fisheries, Ottawa, Ont.                                 |
| 77933  | Montcalm.....       | 1904 | Yolker, G.B.....                 | 245 0 | 40 6 | 15 7 | 1432 | 586  | 406 sec.....    | The Minister of Marine and Fisheries, Ottawa, Ont.                                 |
| 106554 | Monteagle.....      | 1890 | Jarrow-on-Tyne, G.B.....         | 445 0 | 52 2 | 27 7 | 6173 | 3950 | 750 sec.....    | Canadian Pacific Railway Co., Montreal, Que.                                       |
| 92755  | Montmorency.....    | 1889 | Quebec, Que.....                 | 35 5  | 10 8 | 4 8  | 18   | 12   | 50 sec.....     | J. J. Pomors, Montreal, Que.   |
| 103957 | Montmorency.....    | 1894 | Sorel, Que.....                  | 71 1  | 11 1 | 4 0  | 28   | 19   | 22 sec.....     | The Minister of Public Works, Ottawa, Ont.   |
| 116600 | Montreal.....       | 1904 | Sorel, Que.....                  | 332 4 | 43 5 | 14 8 | 243  | 98   | 336 pa.....     | The Minister of Public Works, Ottawa, Ont.   |
|        | Montreal.....       | 1912 | Vancouver, B.C.....              | 60 6  | 17 4 | 7 9  | 63   | 43   | 11 1/2 sec..... | Thomas G. McBride, et al., Vancouver, B.C.   |
| 131977 | Moonlight.....      | 1911 | Vancouver, B.C.....              | 33 2  | 7 8  | 3 0  | 8    | 5    | 3 1/2 sec.....  | Albert Rothier, Vancouver, B.C.  |
| 133714 | Moose H.....        | 1912 | Montreal, Que.....               | 34 3  | 6 3  | 3 6  | 5    | 3    | 2 1/2 sec.....  | John Gauth, Montreal, Que.   |
| 130924 | Moosie.....         | 1912 | Montreal, Que.....               | 26 6  | 8 0  | 2 4  | 6    | 4    | 3 sec.....      | George C. Miller, Vancouver, B.C.  |
| 123504 | Mopsey.....         | 1906 | Vancouver, B.C.....              | 26 6  | 8 0  | 2 4  | 6    | 4    | 3 sec.....      | West Coast Towing & Salvage Co., Ltd., 740 Hastings St. W., Vancouver, B.C.        |
| 141171 | Moresby.....        | 1918 | New Westminster, B.C.....        | 114 7 | 23 6 | 12 4 | 243  | 98   | 31 sec.....     | West Coast Towing & Salvage Co., Ltd., 740 Hastings St. W., Vancouver, B.C.        |
|        | Morgan (The).....   | 1911 | Port Stanley, Ont.....           | 70 3  | 16 4 | 7 9  | 50   | 34   | 13 1/2 sec..... | Charles F. J. and Thomas H. Morgan, J.O., Port Stanley, Ont.                       |
| 130235 | Morinus.....        | 1904 | Toronto, Ont.....                | 47 0  | 8 4  | 3 6  | 10   | 7    | 1 1/2 sec.....  | Wm. Robinson, Kingston, Ont.   |
| 116766 | Morning.....        | 1913 | Chatham, N.B.....                | 34 8  | 11 0 | 5 0  | 12   | 10   | 1 sec.....      | A. and R. Loggie Co., Ltd., Loggieville, N.B.                                      |
| 133922 | Morning Dew.....    | 1907 | Toronto, Ont.....                | 95 5  | 12 5 | 5 0  | 73   | 39   | 22 sec.....     | Sir Clifford, Sifton Ottawa, Ont.  |
| 107424 | Morning Star.....   | 1914 | Selkirk, Man.....                | 49 3  | 11 5 | 5 5  | 21   | 2    | 2 sec.....      | The Minister of Public Works, Ottawa, Ont.   |
| 138416 | Mossy River.....    | 1914 | Selkirk, Man.....                | 49 3  | 11 5 | 5 5  | 21   | 2    | 2 sec.....      | The Minister of Public Works, Ottawa, Ont.   |
| 121815 | Moto.....           | 1906 | Digby, N.S.....                  | 45 0  | 10 4 | 4 3  | 15   | 12   | 3 1/2 sec.....  | Mrs. Queen City Robinson, Digby, N.S.  |
| 130622 | Motor Queen.....    | 1904 | Alexandria Bay, N.Y., U.S.A..... | 50 4  | 10 8 | 4 8  | 20   | 17   | 5 1/2 sec.....  | Queen City Oil Co., Ltd., Toronto, Ont.  |
|        | Mou Ping.....       | 1899 | Hong Kong, B.C.....              | 64 0  | 10 3 | 6 0  | 33   | 2    | 8 sec.....      | Wells Pass Trading Co., Ltd., 302 Pacific Bldg., Vancouver, B.C.                   |
| 107727 | Mou Ping.....       | 1908 | Vancouver, B.C.....              | 28 0  | 6 0  | 2 8  | 4    | 3    | 2 sec.....      | W. Mather, Banff, Alta.  |
| 111760 | Mountain Bell.....  | 1895 | Carleton Place, Ont.....         | 82 0  | 17 0 | 6 8  | 53   | 30   | 14 sec.....     | Tug Monton, Ltd., 35 Bedford Row, Halifax, N.S.                                    |
| 130629 | Mouton.....         | 1913 | Liverpool, N.S.....              | 45 9  | 17 1 | 5 2  | 50   | 34   | 1 sec.....      | Masset Timber Co., Ltd. (1919), Vancouver, B.C.                                    |
| 129166 | Mowitz.....         | 1906 | Vancouver, B.C.....              | 161 7 | 30 1 | 5 1  | 895  | 526  | 17 pa.....      | Canadian Pacific Ry. Co., Montreal, Que.   |
| 107454 | Moyie.....          | 1898 | Nelson, B.C.....                 | 51 0  | 19 2 | 5 8  | 37   | 32   | 4 sec.....      | The E. B. Eddy Co., Ltd., Hull, Que.   |
| 141357 | Mudpoint.....       | 1918 | Hull, Que.....                   | 35 5  | 10 3 | 4 4  | 12   | 8    | 1 sec.....      | Alfred Swanson and Johnson Thurbert, J.O., Prince Rupert, B.C.                     |
| 126738 | Muirneag.....       | 1910 | Steveston, B.C.....              | 38 0  | 9 0  | 3 7  | 9    | 7    | 3 sec.....      | Chris Christensen, Prince Rupert, B.C.   |
| 130810 | Mulle.....          | 1911 | Steveston, B.C.....              | 35 0  | 9 0  | 3 7  | 9    | 7    | 3 sec.....      | Chris Christensen, Prince Rupert, B.C.   |
| 41751  | Munson.....         | 1917 | Amos, Que.....                   | 34 2  | 10 5 | 3 3  | 7    | 4    | 1 sec.....      | Maurice Benard, Amos, Que.   |
| 124519 | Murros.....         | 1909 | Vancouver, B.C.....              | 32 0  | 9 5  | 4 3  | 15   | 10   | 2 sec.....      | James Taylor, Vancouver, B.C.  |
| 90793  | Muriel.....         | 1887 | Victoria, B.C.....               | 70 0  | 15 5 | 6 7  | 44   | 28   | 4 sec.....      | W. E. Gardiner and Wm. Schade, Victoria, B.C.                                      |
| 130573 | Muriel L.....       | 1910 | Little Baccok, N.S.....          | 44 6  | 11 2 | 7 0  | 15   | 14   | 3 sec.....      | James A. Zink, M.O., West Dover, N.S.  |
| 134525 | Muriel Peach.....   | 1915 | Port Morien, N.S.....            | 31 0  | 11 0 | 6 0  | 13   | 12   | 3 sec.....      | John Braden, et al., J.O., Port Morien, N.S.                                       |
| 138848 | Murray Stewart..... | 1918 | Port Arthur, Ont.....            | 119 0 | 26 0 | 15 7 | 294  | 92   | 109 sec.....    | Port Arthur Shipbuilding Co., Ltd., Port Arthur, Ont.                              |
| 134089 | Murrelet.....       | 1913 | Cadboro Bay, B.C.....            | 35 0  | 8 5  | 3 8  | 7    | 5    | 2 sec.....      | Wm. T. and Louis W. Kerwin, J.O., Prince Rupert, B.C.                              |

<sup>1</sup>Formerly "Leader."

<sup>2</sup>Formerly "Nile."

<sup>3</sup>Formerly "Seaflight."

<sup>4</sup>Foreign name "Supply."

<sup>5</sup>Formerly a sailing vessel.

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—Abréviations: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Paddle—à aubes; Sc., Screw—à hélice.   
 ○ Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vapeurs à moteurs sont en *italiques*.

| Official No.             | Name of Ship.       | Port of Registry.      | Built.       | Where Built.               | Length in feet and 10ths.  | Breadth in feet and 10ths. | Depth in feet and 10ths.     | Gross Tonnage. | Registered Tonnage. | H.P. of Engines and Mode of Propulsion.               | Owner or Managing Owner, and Address.                                   |
|--------------------------|---------------------|------------------------|--------------|----------------------------|----------------------------|----------------------------|------------------------------|----------------|---------------------|---|---|
| N <sup>o</sup> officiel. | Nom du navire.      | Port d'enregistrement. | Construit en | Lieu de construction.      | Longueur en pieds et 10es. | Largeur en pieds et 10es.  | Profondeur en pieds et 10es. | Tonnage brut.  | Tonnage enregistré. | Puissance des machines en c.v. et mode de propulsion. | Armateur ou propriétaire gérant, et adresse.                            |
| 133752                   | Muscallonge.....    | Montreal.....          | 1896         | Port Huron, Mich., U.S.A.  | 128 0                      | 24 5                       | 12 0                         | 300            | 245                 | 51 sc...  | The Sincennes McNaughton Line, Ltd., 75 Common St., Montreal, Que.      |
| 100283                   | Muskoka.....        | Peterborough.....      | 1908         | Simsco, Ont.               | 36 5                       | 10 5                       | 3 7                          | 22             | 15                  | 2 pa.   | Giltmour & Co., Trenton, Ont.   |
| 126524                   | Muskat.....         | Ottawa.....            | 1908         | Simsco, Ont.               | 48 0                       | 10 4                       | 3 2                          | 17             | 11                  | 4 sc...   | Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                        |
| 133677                   | Musquash.....       | Halifax.....           | 1894         | Kenniskamung, Que.         | 51 0                       | 11 8                       | 5 2                          | 22             | 15                  | 12 sc...  | Walter G. Stevens, Chatham, N.B.  |
| 131307                   | Musquash ○.....     | Halifax.....           | 1908         | Portsmouth, G.B.           | 40 2                       | 23 1                       | 12 0                         | 38             | 4                   | 89 sc...  | Quebec Salvage & Wrecking Co., Ltd., Montreal, Que.                     |
| 138709                   | Mylford.....        | Quebec.....            | 1918         | Garston, G.                | 47 2                       | 11 4                       | 5 8                          | 24             | 13                  | 23 sc...  | Ammon W. B. London, Vancouver, B.C.                                     |
| 130809                   | Myland.....         | Vancouver.....         | 1911         | Vancouver, B.C.            | 34 2                       | 7 3                        | 3 0                          | 10             | 5                   | 1 sc...   | The Attorney General of British Columbia, Victoria, B.C.                |
| 130809                   | Myland.....         | Victoria.....          | 1911         | Yaquina, Wash., U.S.A.     | 35 2                       | 7 3                        | 3 0                          | 10             | 5                   | 1 sc...   | The Sincennes-McNaughton Line, Ltd., 75 Common St., Montreal, Que.      |
| 88634                    | Myra.....           | Montreal.....          | 1881         | St. Catharines, Ont.       | 32 0                       | 11 2                       | 8 6                          | 73             | 37                  | 32 sc...  | The Sincennes-McNaughton Line, Ltd., 75 Common St., Montreal, Que.      |
| 137889                   | Myrtle C.....       | Lunenburg.....         | 1916         | Blandford, N.S.            | 38 0                       | 10 3                       | 5 4                          | 11             | 10                  | 1 sc...   | Albert J. Boudreau, Petit de Grat, N.S.                                 |
| 141428                   | Myrtle Point.....   | Vancouver.....         | 1919         | Vancouver, B.C.            | 26 0                       | 7 0                        | 3 0                          | 6              | 4                   | 3 sc...   | Charles W. Graham, Myrtle Point, B.C.                                   |
| 116849                   | Mystery.....        | Port Arthur.....       | 1907         | Dyons Head, Ont.           | 55 0                       | 14 2                       | 6 6                          | 53             | 36                  | 6 sc...   | Hugh Keefer, Port Arthur, Ont.  |
| 94816                    | Mystery.....        | Victoria.....          | 1916         | Green Sound, Ont.          | 80 5                       | 16 5                       | 7 8                          | 65             | 39                  | 24 sc...  | Producers Rock & Gravel Co., Ltd., Store St., Victoria, B.C.            |
| 134421                   | N. B.....           | Vancouver.....         | 1914         | Vancouver, B.C.            | 32 5                       | 8 0                        | 3 5                          | 9              | 6                   | 1 sc...   | Nicholas Butler, Vancouver, B.C.  |
| 150311                   | N. M. R. No. 1..... | Prince Rupert.....     | 1913         | Seattle, Wash., U.S.A.     | 42 0                       | 12 6                       | 3 6                          | 27             | 15                  | 11 sc...  | Gas. Neill, Prince Rupert, B.C.   |
| 107134                   | N. Dymont.....      | Goderich.....          | 1900         | Goderich, Ont.             | 39 0                       | 16 8                       | 8 0                          | 50             | 40                  | 11 sc...  | Albert C. Knowles, Sault Ste. Marie, Ont.                               |
| 137948                   | Nada II.....        | Vancouver.....         | 1914         | Vancouver, B.C.            | 73 0                       | 11 6                       | 4 6                          | 21             | 14                  | 1 sc...   | Shelley Charles McIntyre, Vancouver, B.C.                               |
| 141176                   | Nagato.....         | New Westminster.....   | 1918         | Stevedore, B.C.            | 35 0                       | 8 2                        | 3 0                          | 7              | 5                   | 3 sc...   | Shimuro Misato, Stevedore, B.C.   |
| 133715                   | Nahken.....         | Victoria.....          | 1912         | Hong Kong.....             | 50 2                       | 11 0                       | 5 4                          | 27             | 21                  | 2 sc...   | The Ben Dickson Logging Co., Ltd., Standard Bank Bldg., Vancouver, B.C. |
| 126044                   | Nahma.....          | Port Arthur.....       | 1898         | Superior, Wis., U.S.A.     | 34 0                       | 7 8                        | 4 0                          | 7              | 5                   | 2 sc...   | A. Macomber, Port Arthur, Ont.  |
| 130791                   | Nahmah.....         | Vancouver.....         | 1911         | Stevedore, B.C.            | 67 9                       | 15 5                       | 6 1                          | 45             | 31                  | 6 sc...   | Wallace Fisheries, Limited, Vancouver, B.C.                             |
| 134426                   | Nahwitti.....       | Vancouver.....         | 1913         | Gig Harbour, Wash., U.S.A. | 47 2                       | 14 8                       | 5 7                          | 29             | 19                  | 2 sc...   | Western Packers, Ltd., 414 Standard Bank Bldg., Vancouver, B.C.         |
| 88538                    | Naiad.....          | Hamilton.....          | 1890         | Toronto, Ont.              | 68 0                       | 10 2                       | 3 3                          | 23             | 20                  | 20 sc...  | Mrs. Harriet S. Safford, Hamilton, Ont.                                 |
| 92889                    | Naiad.....          | Kineston.....          | 1888         | Kineston, Ont.             | 51 4                       | 9 2                        | 3 9                          | 15             | 10                  | 7 sc...   | Wm. Thompson, Mount Julian, Ont.  |
| 121764                   | Naiade.....         | Vancouver.....         | 1906         | Vancouver, B.C.            | 41 2                       | 10 6                       | 4 1                          | 15             | 10                  | 14 sc...  | Lewis G. Pross, Passaic, N.J., Vancouver, B.C.                          |
| 130691                   | Nakano.....         | Vancouver.....         | 1911         | Stevedore, B.C.            | 48 0                       | 8 1                        | 2 4                          | 16             | 2                   | 2 sc...   | The Packers Stevedore Co., Ltd., Vancouver, B.C.                        |
| 141209                   | Nakat.....          | Vancouver.....         | 1911         | Eburne, B.C.               | 27 3                       | 8 1                        | 2 4                          | 4              | 4                   | 1 sc...   | Harry Asson, Port Moody, B.C.   |
| 138601                   | Nakomas.....        | New Westminster.....   | 1917         | Stevedore, B.C.            | 55 0                       | 13 2                       | 5 4                          | 37             | 31                  | 2 sc...   | Nootka Packing Co., Ltd., 701 Birks Bldg., Vancouver, B.C.              |

| Name               | Company         | Registered             | Tonnage | Length | Breadth | Speed | Engine | Remarks  |
|--------------------|-----------------|------------------------|---------|--------|---------|-------|--------|--|
| 126542 Nakusp      | Vancouver       | Pingston Creek, B.C.   | 40 5    | 9 6    | 3 7     | 10    | 7      | The Minister of Public Works, Ottawa, Ont.                             |
| 141726 Nana        | Vancouver       | Vancouver, B.C.        | 34 0    | 11 2   | 4 6     | 14    | 9      | Carl A. Peterson, Vancouver, B.C.                                      |
| 107259 Nancy       | Vancouver       | Vancouver, B.C.        | 26 9    | 8 6    | 2 4     | 6     | 4      | Wm. J. Belding, Vancouver, B.C.  |
| 123397 Nanoose     | Victoria        | Victoria, B.C.         | 119 0   | 24 6   | 14 0    | 305   | 106    | Canadian Pacific Railway Co., Montreal, Que.                           |
| 130352 Nepamee     | Anchut          | Tanook, N.S.           | 37 4    | 10 4   | 4 3     | 10    | 10     | Frank Roberts, Liverpool, G.B.   |
| 853008 Naperville  | Montreal        | Sorel, Que.            | 123 9   | 42 4   | 5 4     | 165   | 113    | Mrs. Arthemise Robert, Montreal, Que.                                  |
| 120603 Nevada      | Victoria        | Montreal, Que.         | 29 6    | 8 0    | 4 0     | 7     | 5      | Patrick Courtemay, Victoria, B.C.                                      |
| 134977 Nevada      | Victoria        | Burton, Wash., U.S.A.  | 29 8    | 19 5   | 8 0     | 150   | 74     | Canadian Pacific Railway Company, Montreal, Que.                       |
| 134216 Nevada      | Prince Rupert   | Prince Rupert, B.C.    | 28 1    | 11 3   | 4 7     | 13    | 9      | Koonies K. Freeman, Prince Rupert, B.C.                                |
| 138155 Nevada      | Vancouver       | Vancouver, B.C.        | 88 0    | 11 3   | 5 0     | 18    | 2      | Ceo. P. Cathrea, Vancouver, B.C.                                       |
| 133885 Nevada      | Vancouver       | Nelson, B.C.           | 200 2   | 40 0   | 8 0     | 1809  | 1035   | Canadian Pacific Railway Co., Montreal, Que.                           |
| 141721 Nevada      | Vancouver       | Tacoma, Wash., U.S.A.  | 36 0    | 13 1   | 6 5     | 43    | 29     | Western Salmon Packing Co., Ltd., 850 Hastings St. W., Vancouver, B.C. |
| 132738 Neastlin    | Vancouver       | Whitehorse, Y.T.       | 115 0   | 27 1   | 3 8     | 405   | 256    | The British Yukon Navigation Co., Ltd., Vancouver, B.C.                |
| 130023 Nathalie R. | Montreal        | Sorel, Que.            | 63 2    | 16 2   | 6 0     | 55    | 23     | The Shucmes-McNaughton Line, Ltd., 78 Common St., Montreal, Que.       |
| 118955 National    | Toronto         | Toronto, Ont.          | 39 0    | 10 0   | 4 6     | 18    | 12     | The Corporation of the City of Toronto, Ont.                           |
| 128043 National    | Port Hawkesbury | Port Hawkesbury, N.S.  | 60 0    | 15 5   | 7 4     | 26    | 35     | National Fish Co., Ltd., Halifax, N.S.                                 |
| 138045 National    | Port Hawkesbury | Port Hawkesbury, N.S.  | 60 0    | 15 5   | 6 4     | 26    | 30     | National Fish Co., Ltd., Halifax, N.S.                                 |
| 107926 Navve       | New Westminster | New Westminster, B.C.  | 66 0    | 17 0   | 6 6     | 22    | 20     | Mrs. Edith Gates, Vancouver, B.C.                                      |
| 129640 Navve       | Vancouver       | Seattle, Wash., U.S.A. | 52 0    | 17 0   | 6 6     | 27    | 25     | Gilbert F. Ashe, City of Courts, Alberta.                              |
| 126890 Navve       | Vancouver       | Vancouver, B.C.        | 33 5    | 10 1   | 4 8     | 13    | 14     | Samuel J. Castleman, Vancouver, B.C.                                   |
| 126194 Navve       | Windsor         | Boston, Mass., U.S.A.  | 31 8    | 10 5   | 5 4     | 20    | 14     | The Folsom Iron Works, Ltd., Toronto, Ont.                             |
| 122600 Navve       | St. Andrews     | Pelee Island, N.B.     | 24 2    | 9 5    | 4 2     | 9     | 6      | Ferry M. Small, Grand Maman, N.B.                                      |
| 130374 Navve       | Kenora          | Pechorro, Ont.         | 60 0    | 11 3   | 5 2     | 21    | 20     | The Pechorro Canoe Co., Ltd., Pechorro, Ont.                           |
| 140904 Navve       | Vancouver       | Steveston, B.C.        | 53 4    | 15 0   | 5 5     | 43    | 24     | Gosse-Millard Packing Co., Ltd., 397 Hastings St. W., Vancouver, B.C.  |
| 133869 Navve       | Vancouver       | Vancouver, B.C.        | 34 0    | 8 8    | 4 6     | 11    | 7      | Floyd Quinn, New Westminster, B.C.                                     |
| 130711 Nellie J.   | Kenora          | Kenora, Ont.           | 52 0    | 12 5   | 5 0     | 31    | 21     | Both Fisheries of Canada, Ltd., Dominion Bank Bldg. Toronto, Ont.      |
| 18900 Nellie       | Port Dalhousie  | Port Dalhousie, Ont.   | 42 2    | 13 4   | 4 2     | 13    | 7      | Jos. Goormin, Toronto, Ont.  |
| 133785 Nellie      | St. Catharines  | Richmond, N.B.         | 42 9    | 11 0   | 6 1     | 12    | 8      | Adrian Miller, Moncton, N.B.   |
| 103938 Nellie      | Chatham, N.B.   | Chatham, N.B.          | 41 1    | 9 0    | 4 2     | 8     | 5      | Edward Miller and H. P. Annet, J.O., Gaspe, Que.                       |
| 94846 Nellie       | Windsor         | Detroit, Mich., U.S.A. | 20 8    | 6 6    | 2 5     | 3     | 2      | Mrs. Sutherland, Essex Centre, Ont.                                    |
| 107467 Nellie      | Lindsay         | Lindsay, Ont.          | 36 0    | 6 5    | 2 7     | 5     | 2      | Michael Boyce, Lindsay, Ont.   |
| 131091 Nellie      | La Have         | Shelburne, N.S.        | 71 0    | 18 0   | 7 8     | 43    | 49     | John W. Hill, Ltd., Liverpool, N.S.                                    |
| 130688 Nelmar      | Victoria        | Seattle, Wash., U.S.A. | 27 4    | 7 4    | 3 6     | 9     | 6      | Sam Evans, Prince Rupert, B.C.   |
| 130543 Nelmar      | Prince Rupert   | Vancouver, B.C.        | 35 3    | 7 6    | 4 0     | 9     | 6      | Sam Evans, Prince Rupert, B.C.   |
| 134065 Nelson      | Vancouver       | Nelson, B.C.           | 60 7    | 14 7   | 4 0     | 25    | 17     | Canadian Pacific Railway Co., Montreal, Que.                           |
| 88667 Nelson       | Chatham, N.B.   | Chatham, N.B.          | 78 4    | 14 7   | 7 0     | 64    | 44     | A. P. McLennan, Sydney, N.S.   |
| 138223 Nelson      | St. Andrews     | Essex, Mass., U.S.A.   | 71 6    | 21 5   | 7 6     | 69    | 47     | J. Henry Cord and R. L. Cord, Parrshoro, N.S.                          |
| 120990 Neptune     | Chatham, N.B.   | Amsterdam, Holland     | 107 0   | 20 7   | 6 2     | 150   | 97     | The Minister of Railways and Canals, Ottawa, Ont.                      |
| 92762 Neptune      | Quebec          | Lebanon, Que.          | 32 6    | 8 8    | 2 8     | 11    | 4      | John Breaker, Quebec, Ont.   |
| 130633 Neptune     | St. John, N.B.  | Port Greville, N.S.    | 73 4    | 20 5   | 10 7    | 118   | 80     | Joseph P. Carey, St. John's, Nfld.                                     |
| 133751 Neptune     | St. John, N.B.  | Waterborough, N.B.     | 53 6    | 15 6   | 6 3     | 40    | 28     | Robert D. Smith, St. John's, N.B.                                      |
| 126616 Nevada      | Prince Rupert   | Claxton, B.C.          | 52 0    | 15 0   | 5 3     | 32    | 22     | Wallace Fisheries Ltd., Vancouver, B.C.                                |
| 138528 Nevada      | Vancouver       | Vancouver, B.C.        | 32 2    | 10 2   | 4 4     | 9     | 6      | The Canadian Fishing Co. Ltd., Goss Ave., Vancouver, B.C.              |
| 121951 Nevada      | Port Stanley    | Port Stanley, Ont.     | 37 7    | 11 8   | 4 3     | 12    | 9      | Parhurst J. Menery, Port Stanley, Ont.                                 |
| 131140 Nevada      | Ottawa          | Rideau Ferry, Ont.     | 22 6    | 5 3    | 2 2     | 2     | 1      | Harry B. Wright, Perth, Ont.   |
| 95225 Nevada       | Montreal        | Leith, G.B.            | 220 0   | 34 1   | 19 5    | 1276  | 794    | Nevada Shipping Co. Ltd., Halifax, N.S.                                |
| 130873 Nevada      | New Westminster | Tacoma, Wash., U.S.A.  | 60 5    | 15 3   | 4 7     | 14    | 24     | Herbert Neville Smith, New Westminster, B.C.                           |
| 134301 Nevada      | New Buffalo     | Eburne, B.C.           | 40 0    | 9 9    | 4 2     | 13    | 9      | Yashio Nishino, Eburne, B.C.   |
| 134568 Newcastle   | New Westminster | New Westminster, B.C.  | 42 4    | 10 5   | 5 4     | 18    | 12     | Yasubuo Odia, Steveston, B.C.  |
| 138688 Newcastle   | Vancouver       | Vancouver, B.C.        | 51 6    | 14 3   | 5 9     | 41    | 15     | Take Ode, Vancouver, B.C.  |
| 141126 Newcastle   | Vancouver       | Vancouver, B.C.        | 82 5    | 19 4   | 7 5     | 102   | 64     | Take Ode, Vancouver, B.C.  |

<sup>1</sup>Formerly "Cullewa," and a sailing vessel. <sup>2</sup>Foreign name "Oceana." <sup>3</sup>Formerly "Dorothy Symons." <sup>4</sup>Foreign name "Lueloo." <sup>5</sup>Foreign name "Niagara." <sup>6</sup>Foreign name "Vestermor." <sup>7</sup>Foreign name "Olympic."

ALPHABETICAL List of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—Abréviations: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Paddle—à aubes; Sc., Screw—à hélice. © Equipped with Wireless—Muni de la T. S. F.—Names of Motor Vessels in italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths. | Breadth in feet and 10ths. | Depth in feet and 10ths. | Gross Tonnage. | Registered Tonnage. | Tonnage enregistré. | H.P. of Engines and Mode of Propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|------------------------|---------------------------------------|---------------------------|----------------------------|--------------------------|----------------|---------------------|---------------------|---|---|
| 150251       | <i>Newcastle No. 7.</i>         | Vancouver.                                  | 1919                   | Vancouver, B.C.                       | 37 5                      | 10 4                       | 2 9                      | 8              | 6                   | 6                   | 11 sc...                                | Take Ode, Vancouver, B.C.   |
| 150252       | <i>Newcastle No. 8.</i>         | Vancouver.                                  | 1919                   | Vancouver, B.C.                       | 37 5                      | 10 4                       | 2 9                      | 8              | 6                   | 6                   | 11 sc...                                | Take Ode, Vancouver, B.C.   |
| 134438       | <i>New Celtic.</i>              | Vancouver.                                  | 1915                   | Ehram, B.C.                           | 38 0                      | 9 5                        | 4 4                      | 13             | 9                   | 9                   | 1 sc...                                 | Kameiro Hyechi, Ehram, B.C.   |
| 126894       | <i>New Delta.</i>               | Vancouver.                                  | 1910                   | Vancouver, B.C.                       | 57 8                      | 15 0                       | 6 4                      | 73             | 49                  | 9                   | 9 sc...                                 | Vancouver-Port Moody Ferries, Ltd., 718/734 Hastings St. W., Vancouver, B.C.          |
| 141524       | <i>New Fraser.</i>              | New Westminster                             | 1919                   | Steveston, B.C.                       | 63 0                      | 15 6                       | 6 3                      | 46             | 24                  | 5                   | 5 sc...                                 | Nakamishi Isuru, Steveston, B.C.  |
| 120255       | <i>New Success.</i>             | Chatham, N.B.                               | 1909                   | Burnt Church, N.B.                    | 78 0                      | 26 0                       | 5 0                      | 77             | 31                  | 11                  | 11 pa...                                | James Anderson, Burnt Church, N.B.  |
| 111813       | <i>Newera.</i>                  | Victoria.                                   | 1901                   | Vancouver, B.C.                       | 52 5                      | 13 6                       | 5 6                      | 56             | 37                  | 9                   | 9 sc...                                 | Wm. T. Cotforth, Salt Spring Island, B.C.   |
| 110697       | <i>Newington.</i>               | Vancouver.                                  | 1899                   | Hull, G.B.                            | 115 3                     | 21 0                       | 11 5                     | 193            | 76                  | 58                  | 58 sc...                                | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 130482       | <i>Newmark.</i>                 | New Westminster.                            | 1911                   | Steveston, B.C.                       | 31 4                      | 8 7                        | 3 9                      | 7              | 5                   | 1                   | 1 sc...                                 | Burfield, MacKis & Co., Ltd., New Westminster, B.C.                                   |
| 126413       | <i>Newnako.</i>                 | Toronto.                                    | 1909                   | Gravenhurst, Ont.                     | 84 0                      | 16 5                       | 5 7                      | 128            | 81                  | 13                  | 13 sc...                                | Wm. Hanna, et al., J.O., Port Carling, Ont.   |
| 125470       | <i>Newona.</i>                  | Montreal.                                   | 1909                   | Walsall, G.B.                         | 250 3                     | 43 0                       | 23 5                     | 2179           | 1401                | 205                 | 205 sc...                               | Fraser, Bruce & Clarke, Ltd., 83 Craig St., W., Montreal, Que.                        |
| 905688       | <i>Nevanoh.</i>                 | Toronto.                                    | 1885                   | Bromie, Ont.                          | 67 5                      | 18 9                       | 4 5                      | 40             | 35                  | 4                   | 4 sc...                                 | Frank H. Chisholm, Oakville, Ont.   |
| 553580       | <i>Niagara.</i>                 | Port Arthur.                                | 1855                   | Glasgow, G.B.                         | 159 0                     | 27 1                       | 10 4                     | 396            | 215                 | 25                  | 25 sc...                                | Canadian Towing and Wrecking Co., Ltd., Port Arthur, Ont.                             |
| 140963       | <i>Nienraqua.</i>               | Montreal.                                   | 1894                   | West Bay, Mich., U.S.A.               | 248 0                     | 31 0                       | 21 3                     | 1724           | 1042                | 99                  | 99 sc...                                | Montreal Transportation Co., Ltd., 386 St. James St., Montreal, Que.                  |
| 138007       | <i>Nicomack.</i>                | New Westminster.                            | 1917                   | Elgin, B.C.                           | 28 0                      | 8 4                        | 2 8                      | 6              | 4                   | 1                   | 1 sc...                                 | Benjamin G. Johnson, Cloverdale, B.C.   |
| 126436       | <i>Night Owl.</i>               | Vancouver.                                  | 1909                   | Vancouver, B.C.                       | 31 5                      | 7 0                        | 4 3                      | 13             | 9                   | 3                   | 3 sc...                                 | Fredrick H. Cluppell, Vancouver, B.C.   |
| 117195       | <i>Nightingale.</i>             | Kenora.                                     | 1905                   | Kenora, Ont.                          | 33 0                      | 7 0                        | 3 8                      | 5              | 3                   | 1                   | 1 sc...                                 | Thomas Dufresne, Kenora, Ont.   |
| 140901       | <i>Nikko.</i>                   | Vancouver.                                  | 1918                   | Sea Island, B.C.                      | 47 2                      | 11 8                       | 6 6                      | 28             | 15                  | 23                  | 23 sc...                                | Hikobei Fujiwara, Vancouver, B.C.   |
| 130095       | <i>Nimphish.</i>                | Vancouver.                                  | 1912                   | North Vancouver, B.C.                 | 54 2                      | 13 5                       | 5 4                      | 27             | 18                  | 23                  | 23 sc...                                | The Packers Steamship Co., Ltd., Vancouver, B.C.                                      |
| 906524       | <i>Nina.</i>                    | Chatham, Ont.                               | 1889                   | Rondeau, Ont.                         | 32 0                      | 9 5                        | 4 8                      | 11             | 9                   | 10                  | 10 sc...                                | J. Cooper, Chatham, Ont.  |
| 116720       | <i>Nipaw.</i>                   | Toronto.                                    | 1903                   | U.S.A.                                | 24 5                      | 6 7                        | 2 5                      | 3              | 2                   | 1                   | 1 sc...                                 | Mrs. Asemath A. Glanville, Cutler, Ont.   |
| 129209       | <i>Nipalarr.</i>                | Canso.                                      | 1914                   | Drum Head, N.S.                       | 43 0                      | 11 9                       | 6 6                      | 17             | 16                  | 15                  | 15 sc...                                | Charles O'Hara, Drum Head, N.S.   |
| 103377       | <i>Ninong.</i>                  | Winnipeg.                                   | 1894                   | Simcoo, Ont.                          | 45 0                      | 11 0                       | 5 5                      | 3              | 3                   | 3                   | 3 pa...                                 | The Rat Portage Lumber Co., Ltd., St. Boniface, Man.                                  |
| 122328       | <i>Nobe.</i>                    | Vancouver.                                  | 1905                   | Vancouver, B.C.                       | 20 7                      | 5 9                        | 2 8                      | 2              | 1                   | 1                   | 1 sc...                                 | Robert J. Sprout, Vancouver, B.C.   |
| 138029       | <i>Nipawin.</i>                 | Kenora.                                     | 1918                   | The Pas, Man.                         | 86 8                      | 20 0                       | 4 1                      | 185            | 128                 | 3                   | 3 pa...                                 | The Ross Navigation Co., Ltd., The Pas, Man.  |
| 117090       | <i>Nipisquit.</i>               | Collingwood.                                | 1908                   | Collingwood, Ont.                     | 56 8                      | 9 6                        | 7 0                      | 36             | 24                  | 36                  | 36 sc...                                | Albert Robertson, Nipisquit, Ont.   |
| 92443        | <i>Nipisquit.</i>               | Chatham, N.B.                               | 1914                   | Bathurst, N.B.                        | 75 0                      | 18 4                       | 8 4                      | 94             | 22                  | 16                  | 16 sc...                                | Bathurst Lumber Co., Ltd., Bathurst, N.B.   |
| 144530       | <i>Nipissing.</i>               | Toronto.                                    | 1887                   | Gravenhurst, Ont.                     | 125 0                     | 21 0                       | 7 6                      | 275            | 207                 | 23                  | 23 pa...                                | Muskoka Lakes Navigation and Hotel Co., Ltd., Toronto, Ont.                           |
| 141530       | <i>Nippon Current.</i>          | New Westminster.                            | 1919                   | Steveston, B.C.                       | 35 8                      | 9 7                        | 3 0                      | 8              | 5                   | 13                  | 13 sc...                                | Umikichi Uyede, M.O., Sidney, B.C.  |
| 34131        | <i>Nirigama.</i>                | Vancouver.                                  | 1913                   | Vancouver, B.C.                       | 50 5                      | 14 6                       | 6 8                      | 48             | 29                  | 31                  | 31 sc...                                | Yoshiro and Chiochiro Yoshida, J.O., Steveston, B.C.                                  |
| 140980       | <i>Nishikama.</i>               | New Westminster.                            | 1918                   | Steveston, B.C.                       | 55 8                      | 8 9                        | 4 1                      | 11             | 11                  | 1                   | 1 sc...                                 | Terashita Kusinichi, Steveston, B.C.  |
|              |                                 |   |                        |                                       | 55 8                      | 12 2                       | 5 5                      | 31             | 21                  | 3                   | 3 sc...                                 | Chiotoro Nishihama, Steveston, B.C.   |



SESSIONAL PAPER No. 22

| No.    | Name                        | Port of Origin              | Tonnage | Length | Breadth | Depth | Speed | Engine  | Remarks |
|--------|-----------------------------|-----------------------------|---------|--------|---------|-------|-------|---|---------|
| 126787 | Niangu                      | New Westminster             | 35.5    | 9.3    | 3.0     | 8     | 6     | David Latit, Sointula, B.C.   |         |
| 133747 | Niska                       | Toronto                     | 11.0    | 5.0    | 3.5     | 23    | 6     | Samuel V. Blake, London, Eng.   |         |
| 138228 | Nita II                     | Verdun, Que.                | 4.6     | 2.2    | 2       | 3     | 3     | Joseph A. Gagnon, Verdun, Que.  |         |
| 130373 | Nitche                      | Hastings, Ont.              | 11.0    | 6.0    | 19      | 13    | 7     | The Randolph Macdonald Co., Ltd., Toronto, Ont.                       |         |
| 131255 | Nitimat                     | South Shields, G.B.         | 39.0    | 26.2   | 14.0    | 332   | 250   | Canadian Pacific Railway Co., Montreal, Que.                          |         |
| 130655 | No-Tow                      | Little Tanook, N.S.         | 43.6    | 6.9    | 16      | 15    | 3     | Harvey Richardson, M. O., Indian Harbour, N.S.                        |         |
| 138027 | No-Tra Co.                  | Edmonton, Alta.             | 7.5     | 2.7    | 5       | 3     | 3     | Northern Trading Co., Ltd., Edmonton, Alta.                           |         |
| 100025 | Noeross                     | Tantrac Island, Ont.        | 11.5    | 5.2    | 20      | 14    | 7     | The Pipe Lake Lumber Co., Ltd., Pickering Landing, Ont.               |         |
| 100037 | Nokonis                     | Morristown, N.Y., U.S.A.    | 45.0    | 10.0   | 3.9     | 25    | 17    | Hon. W. C. Edwards, Rockland, Ont.                                    |         |
| 121970 | Nomad                       | Boston, Mass., U.S.A.       | 48.0    | 10.5   | 5.0     | 19    | 13    | Gerald W. and William N. Birks, J.O., Montreal, Que.                  |         |
| 126745 | Nootka                      | North Vancouver, B.C.       | 40.0    | 10.3   | 5.0     | 19    | 13    | Charles Valley, Port Clements, B.C.                                   |         |
| 100208 | Nora                        | Port Essington, B.C.        | 45.0    | 10.5   | 5.0     | 19    | 13    | Albert C. Ruscoe, Victoria, B.C.                                      |         |
| 122377 | Nora                        | Port Guichon, B.C.          | 11.7    | 4.6    | 24      | 17    | 5     | Edward McCoskrie and Alice Jane McCoskrie, Prince Rupert, B.C.        |         |
| 122327 | Nora                        | Port Madison, Wash., U.S.A. | 35.0    | 11.4   | 3.8     | 13    | 9     | Gerald F. Payne, Vancouver, B.C.                                      |         |
| 122447 | Nora J.                     | Yarmouth, N.S.              | 12.4    | 5.0    | 19      | 13    | 8     | Tug Nora J. Co., Ltd., Halifax, N.S.                                  |         |
| 116613 | Norconi                     | St. Michael, Ala., U.S.A.   | 130.0   | 28.6   | 4.2     | 508   | 397   | Canadian Yukon Navigation Co., Ltd., Dawson, Y.T.                     |         |
| 112044 | Nord                        | Peribonca, Que.             | 15.2    | 4.5    | 56      | 38    | 3     | Andre Donaldson, Peribonca, Que.                                      |         |
| 133063 | Noreen                      | Dartmouth, N.S.             | 65.6    | 6.6    | 46      | 31    | 17    | Mrs. Adam B. Crosby, Halifax, N.S.                                    |         |
| 126090 | Norenska                    | Vancouver, B.C.             | 29.6    | 8.0    | 3.0     | 5     | 3     | Walter V. Bainbridge, Point Grey, B.C.                                |         |
| 97108  | Norfolk                     | Collingwood, Ont.           | 62.0    | 14.0   | 6.6     | 32    | 24    | Frederick W. Doty, Goderich, Ont.                                     |         |
| 138116 | Norren                      | New Westminster, B.C.       | 45.0    | 11.6   | 5.5     | 20    | 14    | Ole Johnson, Annville, B.C.   |         |
| 134014 | Noronie                     | Port Arthur, Ont.           | 362.0   | 52.0   | 24.8    | 6905  | 3635  | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.       |         |
| 88223  | North                       | Levis, Que.                 | 132.4   | 25.2   | 9.3     | 289   | 182   | The Quebec & Levis Ferry Co., Ltd., Quebec, Que.                      |         |
| 141841 | North American              | Bridgeburg, Ont.            | 251.0   | 43.6   | 20.5    | 2280  | 1315  | North American Steamship Co., Ltd., 6 Adelaide St. E., Toronto, Ont.  |         |
| 96911  | North King                  | Kingston, Ont.              | 175.0   | 43.0   | 10.0    | 873   | 499   | (Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.)     |         |
| 133850 | North of Land               | Vancouver                   | 34.1    | 9.2    | 4.7     | 13    | 9     | Gibsons Ltd., 101 Water St., Vancouver, B.C.                          |         |
| 107614 | North River                 | Lund, B.C.                  | 50.2    | 18.0   | 4.0     | 22    | 11    | McLachlin Bros., Ltd., Armprior, Ont.                                 |         |
| 107725 | North Vancouver             | Kippewa, Que.               | 73.4    | 20.1   | 6.7     | 104   | 71    | The Corporation of the City of North Vancouver, North Vancouver, B.C. |         |
| 116784 | North Vancouver Ferry No. 1 | Vancouver                   | 131.2   | 28.5   | 12.5    | 544   | 370   | The Corporation of the City of North Vancouver, North Vancouver, B.C. |         |
| 130447 | North Vancouver Ferry No. 2 | Vancouver                   | 145.0   | 29.1   | 12.4    | 1176  | 792   | The Corporation of the City of North Vancouver, North Vancouver, B.C. |         |
| 138023 | North Wind                  | Kenora                      | 61.5    | 10.3   | 4.0     | 15    | 10    | Colin Fraser, Port Chipewyan, Alta.                                   |         |
| 117105 | Northern Belle              | Ottawa                      | 104.0   | 21.6   | 7.6     | 222   | 169   | North Bay and French River Navigation Co., Ltd., North Bay, Ont.      |         |
| 126619 | Northern Light              | Prince Rupert               | 41.2    | 10.8   | 5.4     | 16    | 12    | Synod of the Diocese of Caledonia, Prince Rupert, B.C.                |         |
| 116941 | Northern Cross              | Kenora                      | 32.0    | 9.0    | 4.0     | 17    | 11    | G. H. Draper, Kenora, Ont.  |         |
| 138024 | Northland Call              | Kenora                      | 99.5    | 18.0   | 4.0     | 192   | 111   | The Peace River Navigation Co., Ltd., Peace River Crossing, Alta.     |         |
| 134311 | Northland Echo              | Kenora                      | 120.0   | 24.0   | 3.6     | 147   | 79    | The Northern Transportation Co., Ltd., Athabasca Ldg., Alta.          |         |
| 134313 | Northland Star              | Kenora                      | 67.0    | 12.5   | 2.0     | 19    | 12    | The Northern Transportation Co., Ltd., Athabasca Ldg., Alta.          |         |
| 126008 | Northland Sun               | Kenora                      | 103.0   | 17.0   | 4.5     | 132   | 83    | The Northern Transportation Co., Ltd., Athabasca Ldg., Alta.          |         |
| 130717 | Northland Trader (The)      | Kenora                      | 87.0    | 16.5   | 13.7    | 142   | 82    | The Northern Trading Co., Ltd., Albion Block, Edmonton, Alta.         |         |
| 96837  | Northumberland              | Charlottetown               | 220.0   | 33.1   | 20.4    | 1255  | 542   | The Minister of Railways and Canals, Ottawa, Ont.                     |         |
| 130792 | Norhtonian                  | Vancouver                   | 47.5    | 12.5   | 4.6     | 24    | 17    | Mrs. Elias J. Tingley, Port Clements, B.C.                            |         |
| 122011 | Norway Belle                | Ottawa                      | 66.7    | 25.8   | 4.7     | 46    | 42    | Archibald Macfarlane, Bristol, Que.                                   |         |
| 150264 | Norweta                     | Vancouver                   | 43.2    | 14.6   | 6.3     | 29    | 20    | Walter F. Anderson, Vancouver, B.C.                                   |         |
| 130719 | Notin                       | Kenora                      | 48.0    | 10.0   | 9.2     | 18    | 13    | George R. Bancroft, The Pas, Man.                                     |         |

\*Formerly "North Vancouver," \*Formerly "Druid," \*Formerly "Pulp," \*Formerly "William Joffe," \*Formerly "Gipsev," \*Foreign name "Evelyn," \*Formerly "Lily."

ALPHABETICAL LIST OF Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

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Table with columns: Official No., Name of Ship, Port of Registry, Built, Where Built, Length in feet and 10ths, Breadth in feet and 10ths, Depth in feet and 10ths, Gross Tonnage, Registered Tonnage, H.P. of Engines and Mode of Propulsion, and Owner or Managing Owner and Address.

SESSIONAL PAPER No. 22

| 126252 | Onistoh             | St. John, N.B.                                   | 29 2                     | 7 1                          | 4 2                        | 6                   | 4                         | 1 sc.                | Elijah Ross, St. John, N.B.  |
|--------|---------------------|--|--------------------------|------------------------------|----------------------------|---------------------|---------------------------|----------------------|--|
| 141752 | Oramel              | Vancouver  | 30 0                     | 7 0                          | 3 0                        | 5                   | 3                         | 1 sc.                | Alexander Forrest, Ruby Creek, B.C.  |
| 141753 | Osara               | New Westminster                                  | 37 1                     | 8 3                          | 4 0                        | 10                  | 6                         | 2 sc.                | Tome Kishi Ohara, Steveston, B.C.  |
| 116281 | Ohm                 | Halifax  | 24 5                     | 5 2                          | 3 3                        | 2                   | 2                         | 4 sc.                | Walter S. DeBlois, Halifax, N.S.   |
| 138509 | Ohomoneshito        | Montreal   | 39 5                     | 9 6                          | 4 4                        | 10                  | 7                         | 11 sc.               | Frank C. Routh, Montreal, Que.   |
| 107087 | Oiscant             | Ottawa   | 120 0                    | 22 8                         | 7 0                        | 148                 | 90                        | 13 sc.               | The Pembroke Transportation Co., Ltd., Pembroke, Ont.                        |
| 112068 | Oihavaya            | Peterborough                                     | 16 2                     | 4 4                          | 1 7                        | 1                   | 1                         | 1 sc.                | Mrs. F. A. Price, Missisquoi, Ont.   |
| 122578 | Okanagan            | Vancouver  | 193 2                    | 32 3                         | 7 7                        | 1078                | 679                       | 32 pa.               | Canadian Pacific Ry. Co., Montreal, Que.                                     |
| 120205 | Okenag              | Winnipeg   | 20 5                     | 5 5                          | 2 7                        | 4                   | 3                         | 1 sc.                | Frank Barber, The Pas, Man.  |
| 134657 | Okeka               | Montreal   | 31 3                     | 7 2                          | 2 4                        | 4                   | 3                         | 1 sc.                | Mitchell O. Phillips, Caughnawaga, Que.                                      |
| 138128 | Oksalo              | New Westminster                                  | 30 0                     | 7 2                          | 2 8                        | 4                   | 4                         | 1 sc.                | John Snellic, Steveston, B.C.  |
| 130908 | Olland              | Vancouver  | 72 5                     | 16 9                         | 7 4                        | 10                  | 54                        | 16 sc.               | The Packers Steamship Co., Ltd., Vancouver, B.C.                             |
| 125798 | Oldan               | New Westminster                                  | 25 0                     | 10 3                         | 5 0                        | 14                  | 7                         | 11 sc.               | Butterfield, Mackie & Co., Ltd., New Westminster, B.C.                       |
| 131209 | Oleary, lee         | Liverpool  | 77 4                     | 17 4                         | 6 9                        | 76                  | 50                        | 16 sc.               | The O'Leary Lee Co., Ltd., Halifax, N.S.                                     |
| 138344 | Oloja B. Kenney     | Halifax  | 63 5                     | 19 1                         | 8 9                        | 50                  | 43                        | 1 sc.                | Robin, Jones & Whitman, Ltd., 105 Lower Water St., Halifax, N.S.             |
| 116277 | Olive M.            | Halifax  | 62 0                     | 14 3                         | 6 0                        | 35                  | 24                        | 40 sc.               | Galabar & Louisburg Steamship Co., Ltd., Louisburg, N.S.                     |
| 130611 | Olive M.            | Victoria, B.C.                                   | 75 0                     | 22 0                         | 10 0                       | 134                 | 71                        | 21 sc.               | Vancouver Island Towing Co., Ltd., Victoria, B.C.                            |
| 117050 | Olive K.            | Port Medway                                      | 35 0                     | 12 5                         | 6 6                        | 14                  | 13                        | 1 sc.                | Robert Hoben, Huron, Nfld.   |
| 131205 | Olive T. inst       | Liverpool  | 38 0                     | 10 9                         | 6 2                        | 11                  | 10                        | 1 sc.                | Charles E. Levy, et al., Moose Harbour, N.S.                                 |
| 122175 | Ombabika            | Port Arthur                                      | 70 0                     | 15 0                         | 6 0                        | 76                  | 51                        | 10 1/2 sc.           | George H. Rapsey, Port Arthur, Ont.  |
| 107101 | On Time             | Victoria   | 38 0                     | 10 5                         | 4 4                        | 11                  | 4                         | 2 sc.                | James Pope, Port Harvey, B.C.  |
| 121708 | Onanah              | Toronto  | 36 0                     | 9 5                          | 3 5                        | 9                   | 6                         | 2 sc.                | Bertram Yates, Penetang, Ont.  |
| 92582  | Onaganoh            | Kingston   | 47 2                     | 10 3                         | 3 9                        | 19                  | 13                        | 12 sc.               | H. Fraser, Port Cockburn, Ont.   |
| 133791 | Onagay              | Port Stanley                                     | 77 0                     | 18 3                         | 7 7                        | 51                  | 35                        | 1 sc.                | Walter H. McPherson, M.O., Port Stanley, Ont.                                |
| 116635 | Onawana             | Kingston   | 29 6                     | 5 4                          | 2 7                        | 2                   | 2                         | 1 sc.                | Wm. J. Reid, Gananoque, Ont.   |
| 125712 | Onawana             | Kingston   | 52 7                     | 13 0                         | 5 2                        | 8                   | 5                         | 13 sc.               | Nathan F. Tupper, et al., Parrsboro, N.S.                                    |
| 138468 | Once More           | Sault Ste. Marie                                 | 29 5                     | 8 0                          | 2 4                        | 8                   | 5                         | 2 1/2 sc.            | Benjamin J. Skinner, Richards Landing, Ont.                                  |
| 130893 | Ondot               | Proctor, B.C.                                    | 59 0                     | 12 0                         | 5 5                        | 20                  | 30                        | 9 1/2 sc.            | Fred. Cogle, Proctor, B.C.   |
| 134024 | Only Way (The)      | Victoria   | 33 0                     | 7 5                          | 4 0                        | 5                   | 3                         | 2 sc.                | James Lenore, Edmonton, Alta.  |
| 133876 | Onoma               | Vancouver  | 33 0                     | 10 6                         | 4 7                        | 12                  | 11                        | 1 sc.                | Angus McDonnell, Vancouver, B.C.   |
| 94585  | Ontario             | Montreal   | 297 0                    | 41 3                         | 14 9                       | 1615                | 1018                      | 300 pa.              | Canadian Pacific Railway Co., Montreal, Que.                                 |
| 125983 | Ontario No. 1       | Montreal   | 317 0                    | 54 2                         | 18 7                       | 5146                | 3229                      | 292 sc.              | The Ontario Car Ferry Co., Ltd., Montreal, Que.                              |
| 137978 | Ontario No. 2       | Montreal   | 307 5                    | 54 0                         | 20 2                       | 5568                | 3376                      | 294 sc.              | The Ontario Car Ferry Co., Ltd., Montreal, Que.                              |
| 116707 | Onaritzee           | Quebec   | 43 2                     | 9 4                          | 4 4                        | 18                  | 12                        | 3 sc.                | Harold Kennedy, Quebec, Que.   |
| 111973 | Onward              | Southernport                                     | 57 0                     | 12 0                         | 6 0                        | 22                  | 15                        | 3 sc.                | John McGaw, Kincairdine, Ont.  |
| 138857 | Onwego              | Port Arthur                                      | 45 0                     | 12 0                         | 4 1                        | 26                  | 11                        | 3 sc.                | The Great Lakes Dredging and Contracting Co., Ltd., Ottawa, Ont.             |
| 126249 | Oodley              | Victoria, B.C.                                   | 49 6                     | 10 5                         | 6 0                        | 23                  | 13                        | 3 1/2 sc.            | The Whalen Pulp and Paper Mills, Ltd., Merchants Bank Bldg., Vancouver, B.C. |
| 126100 | Oose River          | St. Catharines                                   | 45 0                     | 10 0                         | 2 5                        | 16                  | 13                        | 2 sc.                | Charles Ross, Port Maitland, Ont.  |
| 138524 | Opai June           | Lunenburg  | 42 5                     | 11 5                         | 6 0                        | 17                  | 16                        | 1 sc.                | Joseph Hirtle, M.O., Tanook, N.S.  |
| 138274 | Opoona              | St. Catharines                                   | 104 3                    | 14 7                         | 9 3                        | 105                 | 55                        | 22 sc.               | Ontario Transportation & Pulp Co., Ltd., Thorold, Ont.                       |
| 126402 | Opeongo             | Arnprior, Ont.                                   | 104 5                    | 21 3                         | 6 5                        | 121                 | 77                        | 15 1/2 pa.           | McLachlin Bros., Ltd., Arnprior, Ont.  |
| 130886 | Operator            | Tete Jaune Cache, B.C.                           | 141 7                    | 34 8                         | 5 2                        | 698                 | 439                       | 15 pa.               | Pacific Great Eastern Railway Co., Parliament Bldg., Victoria, B.C.          |
| 131099 | Opitza              | Shelburne, N.S.                                  | 72 0                     | 17 6                         | 8 1                        | 44                  | 41                        | 2 sc.                | John Wm. Swim, M.O., Lockeport, N.S.   |
| 103914 | Ora                 | Victoria   | 79 5                     | 16 0                         | 4 3                        | 101                 | 64                        | 3 pa.                | Edward J. Smyth, Victoria, B.C.  |
| 17128  | Oreda               | Kingston, Ont.                                   | 34 0                     | 6 0                          | 3 3                        | 4                   | 3                         | 1 1/2 sc.            | Arthur F. Macnee, Kingston, Ont.   |
| 90768  | Oreadia             | Goderich, Ont.                                   | 54 3                     | 14 0                         | 5 2                        | 23                  | 16                        | 3 sc.                | The Great Lakes Dredging and Contracting Co., Ltd., Ottawa, Ont.             |
| 100947 | Oreadia             | Port Arthur                                      | 52 0                     | 11 8                         | 5 8                        | 26                  | 18                        | 8 sc.                | John Bowman, Rossport, Ont.  |
| 122379 | Oreadia             | Vancouver, B.C.                                  | 26 9                     | 8 0                          | 3 4                        | 7                   | 5                         | 3 sc.                | Ross H. Price, Blubber Bay, B.C.   |
| 133779 | Orchard City        | Victoria   | 86 6                     | 19 0                         | 6 7                        | 107                 | 73                        | 16 sc.               | Kelowna Saw Mill Co., Ltd., Kelowna, B.C.                                    |
| 122263 | Ordelia             | West Mystic, Conn. U.S.A.                        | 35 4                     | 6 8                          | 3 3                        | 5                   | 5                         | 2 sc.                | Kenneth F. Dewar, Montreal, Que.   |
| 1      | Formerly "Jareher," | Formerly "South East Shoal No 13," and "Falken." | Former name "Anticosti." | Former name "Stella Marion." | Formerly a sailing vessel. | Former name "Yale." | Formerly "Stella Marion." | Formerly "Victoria." | Formerly "Blue Peter III."   |

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

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| Official No.<br>N <sup>o</sup> officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Build.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10 <sup>es</sup> . | Breadth in feet and 10ths.<br>Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths.<br>Profondeur en pieds et 10 <sup>es</sup> . | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en e. v. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--|---------------------------------|---|------------------------|---------------------------------------|--|--|---|---------------------------------|--|---|---|
| 129241                                   | <i>Odonov</i>                   | Victoria.                                   | 1909                   | Victoria, B.C.                        | 35 5   | 9 0  | 4 6   | 10                              | 4  | 11 sec.   | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 134284                                   | <i>Ogden</i>                    | Victoria.                                   | 1912                   | Port. Charl., B.C.                    | 36 8   | 9 6  | 3 6   | 10                              | 7  | 12 sec.   | Forza Lwaski, Victoria, B.C.  |
| 116270                                   | <i>Ogden</i>                    | Toronto.                                    | 1903                   | Buffalo, N.Y., U.S.A.                 | 70 0   | 13 2   | 9 0   | 68                              | 16   | 40 sec.   | Robt. E. Meazio, Oakville, Ont.   |
| 111610                                   | <i>Ogilla</i>                   | Norway.                                     | 1901                   | New Westminster, B.C.                 | 26 0   | 8 2  | 3 4   | 12                              | 4  | 10 sec.   | Samuel C. Smith, Vernon, B.C.   |
| 92431                                    | <i>Ogilla</i>                   | Toronto.                                    | 1886                   | Graevaldsnes, Nor.                    | 25 0   | 8 1  | 4 4   | 25                              | 48   | 13 sec.   | The Muskoka Lakes Nav. and Hotel Co., Ltd., Toronto, Ont.                             |
| 12427                                    | <i>Ogile B.</i>                 | Halifax.                                    | 1908                   | Cherzow, N.S.                         | 60 0   | 18 3   | 6 8   | 33                              | 32   | 22 sec.   | Walter H. Mitchell, Jeddore, N.S.   |
| 116832                                   | <i>Oiron</i>                    | Victoria.                                   | 1904                   | Christiana, Norway                    | 94 1   | 17 4   | 10 6  | 100                             | 40   | 42 sec.   | Consolidated Winding Corporation, Ltd., 61 King St. E., Toronto, Ont.                 |
| 112148                                   | <i>Oriska</i>                   | Kingston.                                   | 1903                   | Kingston, Ont.                        | 38 8   | 8 1  | 3 3   | 6                               | 6  | 3 sec.  | Walter C. Tremblay, Port Carling, Ont.  |
| 131133                                   | <i>Oriska</i>                   | Ottawa.                                     | 1913                   | Ottawa, Ont.                          | 25 8   | 6 2  | 2 8   | 3                               | 2  | 2 sec.  | John L. Seaman, Bristol, Que.   |
| 130807                                   | <i>Oriskany</i>                 | Vancouver.                                  | 1910                   | Vancouver, B.C.                       | 40 0   | 10 1   | 5 0   | 17                              | 12   | 2 sec.  | George B. Wailes, Cordes Island, B.C.   |
| 141858                                   | <i>Oruss</i> ©                  | Montreal.                                   | 1920                   | Brooklyn, N.Y., U.S.A.                | 227 6  | 33 7   | 13 8  | 1394                            | 796  | 150 sec.  | Ormus Steamship Co., Ltd., 20 St. Nicholas St., Montreal.                             |
| 116693                                   | <i>Oro</i>                      | Kenora.                                     | 1898                   | Hamilton, Ont.                        | 25 8   | 6 0  | 2 8   | 2                               | 2  | 1 sec.  | Que. Mining Co., Ltd., Ridgeway, Ont.   |
| 105040                                   | <i>Oronos</i>                   | Chatham, N.B.                               | 1895                   | Bayveloy, G.B.                        | 111 5  | 21 0   | 11 5  | 178                             | 76   | 60 sec.   | A. and R. Loggie Co., Ltd., Loggieville, N.B.   |
| 126404                                   | <i>Oryel</i>                    | Ottawa.                                     | 1909                   | Carlton Place, Ont.                   | 34 6   | 8 0  | 4 0   | 7                               | 3  | 7 sec.  | John Canham, Gaudet, Que.   |
| 126640                                   | <i>Oscar C.</i>                 | Kingston.                                   | 1908                   | Kingston, Ont.                        | 47 8   | 10 9   | 5 0   | 18                              | 9  | 2 1/2 sec.  | James B. O'Brien, Massey, Que.  |
| 138530                                   | <i>Oscaynes</i>                 | Vancouver.                                  | 1917                   | Vancouver, B.C.                       | 37 2   | 9 5  | 4 4   | 11                              | 7  | 1 1/2 sec.  | Gosse-Miller Packing Co., Ltd., 597 Hastings St. W., Vancouver, B.C.                  |
| 121673                                   | <i>Osoyos II.</i>               | Vancouver                                   | (1905)                 | Vancouver, B.C.                       | 37 2   | 8 7  | 4 1   | 11                              | 9  | 2 sec.  | Bonif Hiscocks, Vancouver, B.C.   |
| 97138                                    | <i>Ostry</i>                    | Godrich.                                    | 1902                   | Godrich, Ont.                         | 79 4   | 15 1   | 6 8   | 42                              | 28   | 17 sec.   | Alexander Purvis, Cora Bay, Ont.  |
| 107106                                   | <i>Ostry</i>                    | St. Catharines.                             | 1895                   | Port Robinson, Ont.                   | 32 0   | 9 6  | 3 2   | 6                               | 6  | 6 sec.  | Isabelo Deason, Norfolk, Ont.   |
| 128665                                   | <i>Ostata</i>                   | Ottawa.                                     | 1910                   | Muskegon, Mich., U.S.A.               | 25 0   | 7 2  | 3 3   | 5                               | 3  | 13 sec.   | Isabelo Deason, Ganags, B.C.  |
| 138065                                   | <i>Ostrea</i>                   | Ottawa.                                     | 1916                   | Sorel, Que.                           | 77 0   | 18 4   | 6 2   | 11                              | 33   | 16 sec.   | The Minister of the Naval Service, Ottawa, Ont.                                       |
| 141825                                   | <i>Otcrce.</i>                  | Vancouver.                                  | 1920                   | Vancouver, B.C.                       | 53 8   | 14 0   | 6 5   | 41                              | 18   | 4 1/2 sec.  | Powell River Co., Ltd., 1204 Standard Bank Bldg., Vancouver, B.C.                     |
| 130380                                   | <i>Otd.</i>                     | Peterboro.                                  | 1910                   | Hastings, Ont.                        | 34 0   | 8 2  | 3 0   | 9                               | 9  | 2 1/2 sec.  | Albert Scriver, Hastings, Ont.  |
| 94628                                    | <i>Ottawa.</i>                  | Ottawa.                                     | 1888                   | Ottawa, Ont.                          | 56 6   | 13 6   | 5 8   | 21                              | 14   | 50 sec.   | The Minister of Public Works, Ottawa, Ont.  |
| 116650                                   | <i>Ottawa.</i>                  | Ottawa.                                     | 1904                   | Ottawa, Ont.                          | 108 0  | 24 0   | 6 2   | 311                             | 157  | 17 sec.   | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                                     |
| 121911                                   | <i>Ottaw.</i>                   | Kenora.                                     | 1905                   | Kenora, Ont.                          | 40 0   | 10 0   | 4 0   | 16                              | 11   | 1 sec.  | Booth Fisheries Co. of Canada, Ltd., Dominion Bank Bldg., Toronto, Ont.               |
| 138071                                   | <i>Ottaw.</i>                   | Ottawa.                                     | 1915                   | Kippewa, Que.                         | 45 0   | 10 6   | 4 0   | 20                              | 13   | 2 1/2 sec.  | John Lunston, Ottawa, Ont.  |
| 107832                                   | <i>Ottaw.</i>                   | Victoria.                                   | 1900                   | Victoria, B.C.                        | 128 0  | 24 5   | 11 0  | 366                             | 232  | 24 sec.   | Canadian Pacific Railway Co., Montreal, Que.  |

Table listing steam vessels with columns for name, location, date, and other details. Includes entries like '141143 Otter Point', '130629 Ouaniche', and '100234 Pastime'. The table is organized into columns and rows, with some entries spanning multiple rows.

\*Formerly "Birdswell." \*Formerly "W. S. Fielding."

\*Formerly "Kongo." \*Formerly "E. Partridge" and "Lisgar."

\*Formerly "Ariel." \*Formerly "Bungaree." \*Formerly "Lillian." \*Formerly "Chub." \*Formerly "Bangaree."

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|--------------|---------------------------------|---|-----------------------|---------------------------------------|---------------------------|----------------------------|--------------------------|----------------|---------------------|---|---|
| 135095       | <i>Paul C.</i>                  | Montreal                                    | 1902                  | Grandes Piles, Que.                   | 35 7                      | 7 7                        | 2 8                      | 7              | 5                   | 3 sc.                                   | Jean J. Crots, Grandes Piles, Que.  |
| 141022       | <i>Pauline J.</i>               | Vancouver                                   | 1918                  | Comox, B.C.                           | 43 6                      | 12 7                       | 5 6                      | 24             | 17                  | 1 1/2 sc.                               | Darius Barr and Thos. H. Horn, J.O., Vancouver and Allan H. Wylie, Victoria, B.C.     |
| 137075       | <i>Paulion H.</i>               | Montreal                                    | 1914                  | Shorebrook, Que.                      | 29 5                      | 4 7                        | 2 2                      | 2              | 2                   | 1 sc.                                   | Joseph O. Charbon, Shorebrook, Que.   |
| 111168       | Paymex.                         | Sydney, N.S.                                | 1890                  | Athens, N.Y., U.S.A.                  | 115 8                     | 23 9                       | 5 7                      | 107            | 65                  | 150 sc.                                 | Capa Weston Electric Co., Ltd., Sydney, N.S.  |
| 126279       | Payareak.                       | New Westminster.                            | 1909                  | New Westminster, B.C.                 | 126 3                     | 26 4                       | 4 9                      | 280            | 129                 | 9 pa.                                   | Canadian Kelp Producers, Ltd., 706 Grauvillo St., Vancouver, B.C.                     |
| 134604       | <i>Peace River Exp.</i>         | Winnipeg.                                   | 1915                  | Prudence Crossing, Alta.              | 68 6                      | 14 0                       | 2 5                      | 16             | 11                  | 6 sc.                                   | Mrs. A. M. Smith, Vancouver, B.C.   |
| 136303       | <i>Peach.</i>                   | Vancouver                                   | 1910                  | Vancouver, B.C.                       | 39 6                      | 10 4                       | 5 3                      | 10             | 11                  | 2 sc.                                   | Maritime Fisheries, Ltd., 802 Credit Foncier Bldg., Vancouver, B.C.                   |
| 107872       | Pearl                           | Lindsay                                     | 1899                  | Bobaygoon, Ont.                       | 35 0                      | 7 2                        | 3 0                      | 6              | 4                   | 6 sc.                                   | James Lewis, Bobaygoon, Ont.  |
| 116406       | Pearl                           | Victoria                                    | 1901                  | Vancouver, B.C.                       | 29 7                      | 7 7                        | 3 0                      | 3              | 2                   | 1 sc.                                   | G. Stanley Harris, Pender Island, B.C.  |
| 90803        | Pearl                           | New Westminster.                            | 1884                  | Seattle, Wash., U.S.A.                | 62 4                      | 14 5                       | 3 4                      | 75             | 54                  | 30 pa.                                  | John H. Lowe, Vancouver, B.C.   |
| 112170       | Pearl                           | Toronto                                     | 1902                  | Perry Sound, Ont.                     | 23 0                      | 7 9                        | 2 5                      | 6              | 4                   | 1 sc.                                   | Albert McCallum, Perry Sound, Ont.  |
| 122321       | <i>Pearl</i>                    | Vancouver                                   | 1907                  | Vancouver, B.C.                       | 35 0                      | 7 7                        | 3 4                      | 4              | 3                   | 1 sc.                                   | James S. Paterson, Vancouver, B.C.  |
| 130727       | <i>Pearl Beatrice H.</i>        | Lanenburg                                   | 1911                  | Tancook, N.S.                         | 56 2                      | 14 0                       | 7 6                      | 32             | 17                  | 3 sc.                                   | Wm. Hubley, M. O., Indian Harbour, N.S.   |
| 126683       | Peer                            | Montreal                                    | 1909                  | Sorel, Que.                           | 91 5                      | 22 1                       | 10 7                     | 265            | 117                 | 46 sc.                                  | The Minister of Public Works, Ottawa, Ont.  |
| 97282        | Peerless.                       | New Westminster.                            | 1904                  | New Westminster, B.C.                 | 92 0                      | 20 5                       | 9 5                      | 128            | 89                  | 39 sc.                                  | Westminster Towing & Fish Co., Ltd., New Westminster, B.C.                            |
| 141091       | Peggy L.                        | Sydney, N.S.                                | 1884                  | Athens, N.Y., U.S.A.                  | 90 0                      | 20 0                       | 6 0                      | 94             | 81                  | 30 sc.                                  | Capa Weston Electric Co., Ltd., Sydney, N.S.  |
| 138417       | Peguis.                         | Chatham, N.B.                               | 1919                  | Bathurst, N.B.                        | 47 0                      | 12 5                       | 5 7                      | 24             | 19                  | 7 1/2 sc.                               | Bathurst Lumber Co., Ltd., Bathurst, N.B.   |
| 107928       | Pekin.                          | Winnipeg.                                   | 1912                  | Selkirk, Man.                         | 51 8                      | 13 8                       | 6 0                      | 39             | 26                  | 4 sc.                                   | The Minister of Public Works, Ottawa, Ont.  |
| 130358       | Pekin.                          | Liverpool                                   | 1900                  | Mosser's River, N.S.                  | 90 4                      | 18 5                       | 7 5                      | 85             | 65                  | 65 sc.                                  | George F. Moore, Sydney, N.S.   |
| 103434       | Pembroke.                       | Amherstburg.                                | 1914                  | Collingwood, Ont.                     | 146 0                     | 24 1                       | 9 9                      | 538            | 213                 | 55 sc.                                  | Windsor & Pelee Island Steamship Co., Ltd., Pelee Island, Ont.                        |
| 117006       | Pembroke.                       | Ottawa.                                     | 1895                  | Penobscot, Ont.                       | 101 5                     | 28 2                       | 6 6                      | 191            | 122                 | 30 pa.                                  | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                                  |
| 111914       | Penabang.                       | Vancouver                                   | 1904                  | Vancouver, B.C.                       | 33 7                      | 9 7                        | 5 2                      | 16             | 11                  | 1 sc.                                   | Jas. J. McFadden, Rentfrew, Ont.  |
| 96994        | Pennsylvania.                   | Montreal.                                   | 1901                  | Owen Sound, Ont.                      | 82 0                      | 16 5                       | 9 8                      | 100            | 64                  | 21 sc.                                  | Brooks-Seaton-O'Brien Co., Ltd., Vancouver, B.C.                                      |
| 141050       | <i>Peolia F. Levy.</i>          | New Westminster.                            | 1890                  | Cleveland, O., U.S.A.                 | 155 0                     | 35 4                       | 8 4                      | 478            | 374                 | 6 sc.                                   | The Atlas Sand Co., Ltd., 77 Common St., Montreal, Que.                               |
| 100531       | Percy Cann.                     | Lanenburg                                   | 1915                  | Tancook, N.S.                         | 70 0                      | 16 0                       | 6 0                      | 50             | 34                  | 4 sc.                                   | B. Lequime, M. O., Kelowna, B.C.  |
| 92379        | Pert.                           | St. John, N.B.                              | 1882                  | Meteban, N.B.                         | 77 0                      | 17 1                       | 6 6                      | 80             | 56                  | 13 1/2 sc.                              | Hugh Cann & Son, Ltd., Yarmouth, N.S.   |
| 100470       | Pertilouca.                     | Quebec.                                     | 1888                  | Rothesay, N.B.                        | 38 4                      | 8 9                        | 2 8                      | 12             | 8                   | 15 sc.                                  | A. H. Fitz Randolph, Fredericton, N.B.  |
| 138922       | Pertly Holmes.                  | Konora.                                     | 1892                  | Roberval, Que.                        | 90 0                      | 21 8                       | 6 2                      | 179            | 113                 | 23 pa.                                  | Shebec Development Co., Ltd., Montreal, Que.  |
| 138409       | <i>Permanencia.</i>             | Sydney, N.S.                                | 1910                  | Stimaco, Ont.                         | 42 0                      | 11 9                       | 3 6                      | 20             | 14                  | 2 sc.                                   | Shelburne Development Co., Ltd., Fort Frances, Ont.                                   |
|              |                                 |   | 1920                  | North Sydney, N.S.                    | 120 0                     | 27 0                       | 12 7                     | 338            | 292                 | 15 sc.                                  | Wentworth N. Macdonald, Sydney, N.S.  |

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| No.     | Name                    | Home Port                  | Tonnage | Length | Breadth | Depth | Speed | Engine | Remarks                    |
|---------|-------------------------|----------------------------|---------|--------|---------|-------|-------|--------|----------------------------|
| 1307001 | <i>Pernyn</i>           | Vancouver, B.C.            | 34 0    | 4 0    | 8 4     | 4 0   | 5     | 1911   | Vancouver, B.C.            |
| 141747  | <i>Perrault</i>         | Roberval, Que.             | 21 0    | 5 5    | 13 4    | 8 4   | 84    | 1920   | Roberval, Que.             |
| 116745  | <i>Pescarance</i>       | Mahone Bay, N.S.           | 43 4    | 12 3   | 5 8     | 12    | 12    | 1905   | Mahone Bay, N.S.           |
| 107838  | <i>Perr...</i>          | Upper Columbia River, B.C. | 49 8    | 10 0   | 2 6     | 6     | 4     | 1901   | Upper Columbia River, B.C. |
| 122022  | <i>Pescapaha</i>        | Vancouver                  | 30 0    | 23 0   | 9 4     | 10 2  | 65    | 1906   | Liverpool, N.S.            |
| 126208  | <i>Pedawan</i>          | Canso                      | 55 2    | 14 7   | 7 4     | 3 3   | 32    | 1912   | Tancook, N.S.              |
| 138726  | <i>Pede</i>             | New Westminster            | 30 0    | 17 5   | 3 0     | 3     | 4     | 1914   | Steveston, B.C.            |
| 100309  | <i>Pete Gorman</i>      | Port Arthur                | 76 0    | 19 5   | 10 0    | 6 5   | 37    | 1892   | Saginaw, Mich., U.S.A.     |
| 141197  | <i>Peter M.</i>         | Vancouver                  | 34 0    | 9 0    | 2 8     | 7     | 5     | 1912   | Sea Island, B.C.           |
| 138571  | <i>Peter Pan Second</i> | Windsor, Ont.              | 97 0    | 23 0   | 10 2    | 10 0  | 58    | 1917   | Collingwood, Ont.          |
| 137303  | <i>Peter Paul</i>       | Toronto                    | 35 6    | 9 5    | 5 2     | 3 1   | 21    | 1908   | Pentagonshene, Ont.        |
| 103863  | <i>Petrel</i>           | Halifax                    | 20 5    | 5 5    | 3 5     | 6     | 4     | 1898   | Halifax, N.S.              |
| 96917   | <i>Petrel</i>           | Kingston                   | 29 2    | 7 0    | 3 6     | 10 9  | 54    | 1892   | Collin's Bay, Ont.         |
| 103040  | <i>Petrel</i>           | Ottawa                     | 118 0   | 19 3   | 19 2    | 10    | 2     | 1892   | Owen Sound, Ont.           |
| 121974  | <i>Petrel</i>           | Victoria                   | 88 4    | 17 0   | 13 1    | 18    | 58    | 1905   | Victoria, B.C.             |
| 122176  | <i>Pevebic</i>          | Port Arthur                | 48 0    | 12 0   | 3 0     | 2     | 9     | 1903   | Lakemington, Ont.          |
| 126699  | <i>Phantom</i>          | Shelburne                  | 32 0    | 9 0    | 3 1     | 3     | 2     | 1911   | Shelburne, B.C.            |
| 141394  | <i>Phyllis C.</i>       | Vancouver                  | 35 0    | 8 0    | 3 6     | 11    | 7     | 1919   | Vancouver, B.C.            |
| 166707  | <i>Phyllis Williams</i> | New Westminster            | 48 8    | 10 2   | 4 0     | 2 5   | 17    | 1918   | Port Columbia, B.C.        |
| 140988  | <i>Phiona</i>           | Lanenburg                  | 40 6    | 10 2   | 5 6     | 12    | 11    | 1910   | Tancook, N.S.              |
| 130563  | <i>Phiona M.</i>        | Toronto                    | 50 0    | 11 2   | 4 8     | 20    | 20    | 1910   | Huntsville, Ont.           |
| 111571  | <i>Phoenix</i>          | Vancouver                  | 75 7    | 16 0   | 6 0     | 8 7   | 54    | 1896   | Ballard, Wash., U.S.A.     |
| 104840  | <i>Phoenix</i>          | Vancouver                  | 40 4    | 10 0   | 3 6     | 10    | 6     | 1913   | Vancouver, B.C.            |
| 134078  | <i>Phrontis H.</i>      | Vancouver                  | 41 0    | 7 4    | 4 2     | 13    | 0     | 1913   | Vancouver, B.C.            |
| 133851  | <i>Phroso</i>           | Vancouver                  | 47 2    | 11 5   | 6 0     | 9     | 1     | 1911   | North Vancouver, B.C.      |
| 130749  | <i>Phryne</i>           | Port Arthur                | 21 0    | 5 4    | 2 5     | 9     | 1     | 1911   | Meteghan, N.S.             |
| 116830  | <i>Phyllis</i>          | Winnipeg                   | 63 4    | 15 2   | 5 9     | 3 6   | 2 6   | 1920   | Meteghan, N.S.             |
| 141394  | <i>Phyllis Williams</i> | Kingston                   | 123 0   | 18 0   | 8 0     | 16 4  | 11 2  | 1871   | Selkirk, Man.              |
| 130274  | <i>Phyllis Williams</i> | Winnipeg                   | 63 4    | 15 2   | 5 9     | 3 6   | 2 6   | 1920   | Meteghan, N.S.             |
| 125991  | <i>Pierpont</i>         | Quebec                     | 65 4    | 7 1    | 2 3     | 3 6   | 3 3   | 1871   | Kingston, Ont.             |
| 88294   | <i>Pikouagami</i>       | Quebec                     | 65 4    | 7 1    | 2 3     | 3 6   | 3 3   | 1871   | Kingston, Ont.             |
| 116439  | <i>Pilgrim</i>          | Vancouver                  | 122 0   | 22 4   | 7 4     | 2 6 2 | 1 6 5 | 1884   | St. Nicholas, Que.         |
| 11790   | <i>Pilot</i>            | Victoria                   | 35 0    | 6 5    | 2 8     | 2     | 2     | 1897   | St. Nicholas, Que.         |
| 11790   | <i>Pilot</i>            | Victoria                   | 31 0    | 7 4    | 3 2     | 8     | 2     | 1902   | Pilot Bay, B.C.            |
| 134606  | <i>Pine Pass</i>        | Winnipeg                   | 74 0    | 15 1   | 2 5     | 4 2   | 2 9   | 1915   | Prudence Crossing, Alta.   |
| 134387  | <i>Pinola</i>           | Sault Ste. Marie           | 60 0    | 12 8   | 6 5     | 20    | 11    | 1894   | Cleveland, Ohio, U.S.A.    |
| 116289  | <i>Pioneer</i>          | Charlottetown              | 41 0    | 10 8   | 5 2     | 14    | 9     | 1904   | Mahone Bay, N.S.           |
| 133863  | <i>Pita</i>             | Vancouver                  | 38 3    | 10 0   | 3 8     | 14    | 9     | 1912   | Vancouver, B.C.            |
| 134096  | <i>Pit.</i>             | Vancouver                  | 38 0    | 10 0   | 3 8     | 13    | 9     | 1913   | Vancouver, B.C.            |
| 126925  | <i>Plessis</i>          | Quebec                     | 120 6   | 34 0   | 15 5    | 5 5 9 | 3 3 8 | 1910   | Laurzon, Que.              |
| 116683  | <i>Plum</i>             | Chatham, N.B.              | 36 0    | 11 0   | 5 0     | 14    | 10    | 1903   | Richibucto, N.B.           |
| 131152  | <i>Plunger</i>          | Vancouver                  | 55 7    | 7 8    | 7 8     | 5 7   | 3 8   | 1912   | Vancouver, B.C.            |
| 133753  | <i>Pluvia</i>           | St. John, N.B.             | 49 3    | 16 5   | 6 5     | 4 2   | 2 9   | 1901   | Phillipsburg, Me., U.S.A.  |
| 131076  | <i>Plymouth Rock</i>    | Arichat                    | 48 0    | 13 5   | 7 0     | 2 4   | 2 3   | 1912   | Tancook, N.S.              |
| 137856  | <i>Poculoco</i>         | Vancouver                  | 39 5    | 9 3    | 4 2     | 11    | 8     | 1915   | Vancouver, B.C.            |
| 130897  | <i>Point Ellice</i>     | Victoria                   | 95 8    | 20 1   | 11 6    | 20 5  | 9 8   | 1911   | North Vancouver, B.C.      |
| 134303  | <i>Point Grey</i>       | New Westminster            | 45 3    | 10 6   | 5 7     | 19    | 13    | 1911   | Vancouver, B.C.            |
| 130917  | <i>Point Grey</i>       | Vancouver                  | 105 0   | 21 9   | 13 3    | 30 0  | 1 5 0 | 1912   | North Vancouver, B.C.      |
| 130310  | <i>Point Hope</i>       | Vancouver                  | 62 7    | 11 3   | 8 2     | 6 6   | 4 5   | 1910   | Vancouver, B.C.            |
| 126330  | <i>Polana</i>           | Quebec                     | 107 3   | 23 0   | 12 6    | 20 6  | 8 6   | 1911   | Kingston, Ont.             |
| 134197  | <i>Polarine</i>         | Vancouver                  | 43 9    | 14 2   | 6 0     | 2 3   | 1 6   | 1914   | Vancouver, B.C.            |
| 85759   | <i>Polaris</i>          | Quebec                     | 118 5   | 31 4   | 16 5    | 5 3 3 | 3 3 6 | 1883   | Levis, Que.                |

<sup>1</sup>Formerly a sailing vessel.  
<sup>2</sup>Formerly "Westport."  
<sup>3</sup>Formerly "Clayoquot."  
<sup>4</sup>Formerly "Wm. G. Small."  
<sup>5</sup>Formerly "Prospective."

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—Abréviations: **J.O.**, Joint Owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **P.a.**, Paddle—à aubes; **S.C.**, Screw—à hélice. © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in Italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10 <sup>es</sup> . | Breadth in feet and 10ths.<br>Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths.<br>Profondeur en pieds et 10 <sup>es</sup> . | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en chevaux et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|------------------------|---------------------------------------|--|--|---|---------------------------------|--|---|---|
| 133727       | <i>Pole Line</i>                | Vancouver                                   | 1912                   | Caulfields, B.C.                      | 44 5   | 9 5  | 4 2   | 18                              | 12   | 3 sc.   | Win. Poole Dryer, and George C. Hinton, Vancouver, B.C.                               |
| 111494       | <i>Pole Nord</i>                | Quebec                                      | 1899                   | Quebec, Que.                          | 29 6   | 7 0  | 3 5   | 4                               | 3  | 5 sc.   | Joseph M. Rousseau, Quebec, Que.  |
| 133115       | <i>Polheim</i>                  | New Westminster                             | 1912                   | New Westminster, B.C.                 | 40 0   | 9 2  | 5 0   | 12                              | 8  | 1 sc.   | Frederick J. Herstad, New Westminster, B.C.   |
| 122475       | <i>Pollux</i>                   | Ottawa                                      | 1907                   | Toronto, Ont.                         | 66 0   | 22 0   | 5 2   | 88                              | 23   | 34 hp.  | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                                  |
| 134351       | <i>Polly I.</i>                 | Montreal                                    | 1913                   | Lachine, Que.                         | 25 0   | 5 3  | 2 5   | 6                               | 2  | 4 sc.   | Maurice A. Bastable, Lachine, Que.  |
| 126920       | <i>Polly N. S.</i>              | Halifax                                     | 1911                   | Little Tanook, N.S.                   | 35 7   | 7 8  | 3 2   | 5                               | 6  | 4 sc.   | George Pournier, Halifax, N.S.  |
| 116334       | <i>Pontiac</i>                  | Ottawa                                      | 1903                   | Sincoo, Ont.                          | 40 0   | 16 0   | 3 6   | 15                              | 9  | 20 hp.  | Peter Whalen, Ottawa, Ont.  |
| 100687       | <i>Popelum</i>                  | New Westminster                             | 1891                   | Popelum, B.C.                         | 50 0   | 12 0   | 3 5   | 13                              | 8  | 1 hp.   | W. Knight, Popelum, B.C.  |
| 141365       | <i>Porcupine</i>                | Montreal                                    | 1918                   | Three Rivers, Que.                    | 40 8   | 8 1  | 3 1   | 12                              | 3  | 24 hp.  | The St. Maurice Lumber Co., Three Rivers, Que.  |
| 138775       | <i>Port Alberni</i>             | Victoria                                    | 1917                   | Port Alberni, B.C.                    | 46 7   | 13 5   | 6 5   | 35                              | 24   | 7 sc.   | James A. Crowl, Alberni, B.C.   |
| 129885       | <i>Port Douglas</i>             | New Westminster                             | 1908                   | Vancouver, B.C.                       | 32 8   | 9 4  | 4 0   | 13                              | 9  | 2 sc.   | Brooks Scanlon Lumber Co., Ltd., Vancouver, B.C.                                      |
| 133116       | <i>Port Elgin</i>               | Vancouver                                   | 1916                   | Elgin, B.C.                           | 36 0   | 9 0  | 4 6   | 12                              | 8  | 11 sc.  | William J. Hadden, Elgin, B.C.  |
| 90765        | <i>Port Elgin Queen</i>         | Godolph                                     | 1886                   | Port Elgin, Ont.                      | 52 4   | 14 4   | 6 3   | 37                              | 25   | 35 sc.  | Alex. R. Craig, Tp. of St. Edmund, Ont.   |
| 136550       | <i>Port Mann No. 1</i>          | Victoria                                    | 1911                   | Vancouver, B.C.                       | 37 1   | 10 8   | 4 8   | 15                              | 11   | 11 sc.  | Harvey W. and George B. Campbell, Prince Rupert, B.C.                                 |
| 131146       | <i>Port Mellon Flyer</i>        | Vancouver                                   | 1908                   | Vancouver, B.C.                       | 40 0   | 9 0  | 4 6   | 13                              | 9  | 11 sc.  | Clarence Dawley, Clayoquot, B.C.  |
| 122903       | <i>Port Moody</i>               | Vancouver                                   | 1911                   | Vancouver, B.C.                       | 34 0   | 8 6  | 3 2   | 11                              | 7  | 11 sc.  | Mrs. A. C. DesBrisay, Vancouver, B.C.   |
| 120014       | <i>Port Simpson</i>             | Victoria                                    | 1908                   | Victoria, B.C.                        | 136 6  | 30 4   | 5 4   | 607                             | 379  | 15 hp.  | The Hudson's Bay Company, London, Eng.  |
| 133905       | <i>Port Wade</i>                | Annapolis Royal                             | 1909                   | Weymouth, N.S.                        | 43 0   | 12 0   | 5 0   | 17                              | 13   | 13 sc.  | Andrew D. Malcolm, St. John, N.B.   |
| 133905       | <i>Portneuf</i>                 | Sorel                                       | 1905                   | Sorel, Que.                           | 80 0   | 17 2   | 8 1   | 104                             | 31   | 17 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 138500       | <i>Post</i>                     | Montreal                                    | 1915                   | Sanmar, Que.                          | 45 4   | 10 0   | 3 9   | 17                              | 10   | 21 sc.  | St. Maurice Construction Co., Ltd., 83 Craig St. W., Montreal, Que.                   |
| 134564       | <i>Powder Monkey</i>            | Vancouver                                   | 1912                   | New Westminster, B.C.                 | 32 0   | 7 4  | 3 8   | 9                               | 6  | 1 sc.   | Thomas T. Langlois, Vancouver, B.C.   |
| 122166       | <i>Premier</i>                  | Chatham, N.B.                               | 1903                   | Chatham, N.B.                         | 38 0   | 10 4   | 4 8   | 9                               | 6  | 6 sc.   | A. F. Peardy, M.O., Chatham, N.B.   |
| 124444       | <i>Premier</i>                  | St. John, N.B.                              | 1907                   | Glifton, N.B.                         | 84 2   | 21 8   | 6 0   | 254                             | 191  | 30 sc.  | David Coy, St. John, N.B.   |
| 133451       | <i>President</i>                | New Westminster                             | 1915                   | Metashan, N.S.                        | 59 0   | 14 3   | 6 6   | 33                              | 25   | 33 sc.  | David Coy, St. John, N.B.   |
| 133487       | <i>President II</i>             | New Westminster                             | 1916                   | Gig Harbour, Wash., U.S.A.            | 59 0   | 14 3   | 6 6   | 33                              | 25   | 33 sc.  | Packers Steamship Co., Ltd., 517 Granville St., Vancouver, B.C.                       |
| 133740       | <i>Preda</i>                    | New Westminster                             | 1913                   | Steveston, B.C.                       | 38 0   | 8 2  | 3 6   | 8                               | 5  | 1 sc.   | Louis True, Ocean Falls, B.C.   |
| 134354       | <i>Prevoist V</i>               | Montreal                                    | 1914                   | Notre Dame de Pierre-Ville, Que.      | 35 0   | 7 1  | 3 0   | 5                               | 4  | 1 sc.   | Napoléon Brunelle, Vancouver, Que.  |
| 107594       | <i>Prinrose</i>                 | Owen Sound                                  | 1899                   | Owen Sound, Ont.                      | 53 0   | 11 0   | 5 0   | 23                              | 16   | 9 sc.   | James J. McFadden, Sprague, Algoma, Ont.  |
| 94990        | <i>Prinrose</i>                 | Toronto                                     | 1890                   | Toronto, Ont.                         | 149 2  | 28 2   | 6 8   | 189                             | 119  | 42 hp.  | The Toronto Ferry Co., Ltd., Toronto, Ont.  |
| 117197       | <i>Prince</i>                   | Kenora                                      | 1905                   | Kenora, Ont.                          | 27 0   | 6 0  | 3 0   | 3                               | 2  | 1 sc.   | Neil Brunser, Kenora, Ont.  |



SESSIONAL PAPER No. 22

| Name                               | Company   | Tonnage | Length | Breadth | Depth | Speed | Engine | Notes |
|------------------------------------|---|---------|--------|---------|-------|-------|--------|-------|
| 99584 Prince Albert                | The Grand Trunk Pacific Development Co., Ltd., Montreal, Que.               | 587     | 170    | 30      | 0     | 14    | 1,015  |       |
| 107340 Prince Albert               | The Dominion Atlantic Railway Co. Ltd., London, Eng.                        | 64      | 24     | 30      | 0     | 8     | 4      |       |
| 110131 Prince Arthur               | The Boston & Yarmouth Steamship Co., Ltd., Montreal, Que.                   | 923     | 76     | 36      | 0     | 16    | 5      |       |
| 80955 Prince Edward Ferry          | Hugh McWilliams, Picton, Ont.   | 12      | 42     | 12      | 0     | 3     | 18     |       |
| 134206 Prince Edward Island        | The Minister of Railways and Canals, Ottawa, Ont.                           | 1,110   | 520    | 52      | 2     | 21    | 3,795  |       |
| 110093 Prince George               | The Boston & Yarmouth Steamship Co., Ltd., Montreal, Que.                   | 932     | 716    | 38      | 0     | 16    | 5      |       |
| 124376 Prince Ito                  | Wm. A. Poiroux, Montreal, Que.  | 321     | 243    | 30      | 0     | 10    | 2      |       |
| 129472 Prince John                 | The Grand Trunk Pacific Development Co., Ltd., Montreal, Que.               | 540     | 103    | 36      | 0     | 10    | 905    |       |
| 129611 Prince Olaf                 | The Royal Canadian Mounted Police, Ottawa, Ont.                             | 3       | 1      | 0       | 0     | 3     | 0      |       |
| 126395 Prince Ray                  | Theorsholm Transportation Co., Ltd., 137 McGill St., Montreal, Que.         | 39      | 24     | 36      | 0     | 8     | 2      |       |
| 126948 Princess Adelaide           | Canadian Pacific Railway Co., Montreal, Que.                                | 1,910   | 613    | 46      | 1     | 15    | 0      | 3,061 |
| 130609 Princess Alice              | Canadian Pacific Railway Co., Montreal, Que.                                | 1,904   | 610    | 46      | 1     | 13    | 3      | 3,099 |
| 116405 Princess Beatrice           | Canadian Pacific Railway Co., Montreal, Que.                                | 635     | 124    | 37      | 4     | 15    | 2      | 1,290 |
| 129236 Princess Charlotte          | Canadian Pacific Railway Co., Montreal, Que.                                | 1,999   | 795    | 50      | 2     | 23    | 7      | 3,844 |
| 122387 Princess Charlotte          | Canadian Pacific Railway Co., Montreal, Que.                                | 827     | 75     | 36      | 0     | 23    | 6      | 1,368 |
| 77903 Princess Louise              | A. Smallman, Dundee, Que.   | 18      | 25     | 30      | 0     | 4     | 2      | 26    |
| 133769 Princess Maquima            | Canadian Pacific Railway Co., Montreal, Que.                                | 1,777   | 979    | 45      | 5     | 14    | 5      | 1,777 |
| 129950 Princess Mary               | Canadian Pacific Railway Co., Montreal, Que.                                | 1,346   | 194    | 36      | 0     | 14    | 0      | 2,155 |
| 1914 Princess May                  | The Princess May Steamship Co., Ltd., 109-145 St. James St., Montreal, Que. | 1,022   | 450    | 36      | 0     | 17    | 1,708  |       |
| 115685 Princess Patricia           | Canadian Pacific Ry. Co., Montreal, Que.                                    | 535     | 450    | 32      | 1     | 11    | 0      | 1,158 |
| 121988 Princess Royal              | Canadian Pacific Railway Co., Montreal, Que.                                | 981     | 177    | 36      | 0     | 16    | 6      | 1,997 |
| 115953 Princess Victoria           | Canadian Pacific Railway Co., Montreal, Que.                                | 785     | 800    | 36      | 0     | 15    | 4      | 1,943 |
| 129889 Princess Victoria           | Canadian Explosives, Ltd., Montreal, Que.                                   | 8       | 13     | 30      | 0     | 3     | 9      | 12    |
| 108346 Priscilla                   | Mrs. Emma Mickle, Gravenhurst, Ont.   | 14      | 15     | 30      | 0     | 4     | 6      | 20    |
| 107734 Proctor                     | William A. Foote, Revelstoke, B.C.  | 29      | 13     | 30      | 0     | 4     | 3      | 43    |
| 122185 Progressive                 | Kingcome Navigation Co., Ltd., 804 Standard Bank Bldg., Vancouver, B.C.     | 60      | 34     | 36      | 0     | 8     | 8      | 88    |
| 133095 Projective                  | B.W.B. Navigation Co., Ltd., Johnson's Wharf, Vancouver, B.C.               | 48      | 16     | 36      | 0     | 7     | 9      | 71    |
| 131153 Promative                   | B.W.B. Navigation Co., Ltd., Johnson's Wharf, Vancouver, B.C.               | 37      | 15     | 36      | 0     | 7     | 5      | 55    |
| 131089 Pronto                      | William Turner, Vancouver, B.C.   | 3       | 13     | 36      | 0     | 8     | 2      | 3     |
| 141207 Prospective I               | B.W.B. Navigation Co., Ltd., Johnson's Wharf, Vancouver, B.C.               | 39      | 13     | 36      | 0     | 8     | 8      | 85    |
| 141198 Prospective II              | B.W.B. Navigation Co., Ltd., Johnson's Wharf, Vancouver, B.C.               | 46      | 16     | 36      | 0     | 8     | 8      | 89    |
| 131025 Protective                  | Monarch Towing & Trading Co., Ltd., 902 Front St., New Westminster, B.C.    | 50      | 193    | 36      | 0     | 7     | 6      | 73    |
| 133986 Proven                      | Joha W. C. Lord, New Westminster, B.C.                                      | 6       | 1      | 36      | 0     | 8     | 8      | 17    |
| 144272 Provincial                  | Robert G. Johnston, Inverness, B.C.   | 12      | 13     | 36      | 0     | 4     | 0      | 8     |
| 130554 Puddle Duck                 | Harry de Wolfe King, Vancouver, B.C.  | 10      | 1      | 36      | 0     | 15    | 0      | 15    |
| 122463 Puffing Billy               | Joseph H. Taylor, Campbellton, N.H.   | 9       | 1      | 36      | 0     | 2     | 5      | 9     |
| 122073 Puffing Billy               | John Cantley, Minnetonka, Minn.   | 2       | 3      | 36      | 0     | 2     | 2      | 3     |
| 141470 Purchase                    | Angus O. Rice, Caughnawaga, Ont.  | 4       | 3      | 36      | 0     | 6     | 6      | 6     |
| 111923 Puritan                     | Priscilla Steam Yacht Co., Ltd., Toronto, Ont.                              | 4       | 3      | 36      | 0     | 6     | 8      | 6     |
| 112080 Purity                      | Western Canada Flour Mills Co., Ltd., 74 King St. E., Toronto, Ont.         | 33      | 3      | 36      | 0     | 4     | 8      | 48    |
| 121738 Pursuit                     | William Main, M.O., Vancouver, B.C.   | 8       | 3      | 36      | 0     | 3     | 12     | 8     |
| 122630 Pusher                      | Felix Michaud, Buctouche, N.B.  | 3       | 3      | 36      | 0     | 2     | 0      | 15    |
| 103963 Pythian Knight              | Isaac L. and Frank W. Wentworth, J.O., Fairhaven, N.B.                      | 9       | 9      | 36      | 0     | 5     | 4      | 17    |
| 134498 Q. H. C. Dredge             | Quebec Harbour Commissioners, Quebec, Que.                                  | 264     | 54     | 30      | 0     | 11    | 8      | 520   |
| Formerly "Bruno"                   |   |         |        |         |       |       |        |       |
| Formerly "Messenger"               |   |         |        |         |       |       |        |       |
| Formerly "Five Roses" and "Fifth." |   |         |        |         |       |       |        |       |
| Formerly "Amethyst."               |   |         |        |         |       |       |        |       |
| Formerly "Queen Alexandra."        |   |         |        |         |       |       |        |       |
| Formerly "Hasting."                |   |         |        |         |       |       |        |       |
| Formerly "Triton."                 |   |         |        |         |       |       |        |       |
| Formerly a sailing vessel.         |   |         |        |         |       |       |        |       |

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, Decembre 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—Abréviations: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Paddle—à aubes; St., Screw—à hélice. © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in Italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Construit. | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en c.v. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|----------------------|---------------------------------------|---|---|--|---------------------------------|--|--|---|
| 138596       | <i>Quaro Quern.</i>             | Saint John, N.B.                            | 1919                 | St. Martins, N.B.                     | 158 7   | 35 4  | 12 8   | 523                             | 480  | 14 sc...   | St. Martins Shipbuilding Co., Ltd., St. Martins, N.B.                                 |
| 96899        | Quadra                          | Vancouver                                   | 1891                 | Paisley, G.B.                         | 174 5   | 31 1  | 13 6   | 653                             | 375  | 120 sc...  | Quadra Steamship Co., Ltd., Britannia Beach, B.C.                                     |
| 130607       | Qualicum                        | Victoria                                    | 9094                 | Philadelphia, Pa., U.S.A.             | 96 0  | 22 0  | 11 9   | 200                             | 98   | 42 3/8 sc...   | Canadian Pacific Railway Company, Montreal, Que.                                      |
| 130750       | Qualis                          | Vancouver                                   | 911                  | Vancouver, B.C.                       | 40 2  | 11 3  | 5 3  | 16                              | 11   | 13 sc...   | Thos. W. Whitman, Vancouver, B.C.   |
| 134070       | Quathiaski                      | Vancouver                                   | 1913                 | Stoveston, B.C.                       | 44 0  | 12 4  | 6 0  | 23                              | 15   | 1 sc...  | Quathiaski Canning Co., Ltd., Quathiaski Cove, B.C.                                   |
| 133728       | <i>Quathiaski No. 2.</i>        | Vancouver                                   | 1905                 | Ballard, Wash., U.S.A.                | 38 0  | 11 2  | 3 2  | 14                              | 10   | 2 sc...  | Quathiaski Canning Co., Ltd., Quathiaski Cove, B.C.                                   |
| 130793       | <i>Quathiaski No. 3.</i>        | Vancouver                                   | 1911                 | Stoveston, B.C.                       | 42 7  | 10 8  | 4 5  | 16                              | 11   | 2 sc...  | William E. Anderson, Quathiaski Cove, B.C.  |
| 131040       | <i>Quathiaski No. 5.</i>        | Vancouver                                   | 1912                 | Stoveston, B.C.                       | 52 7  | 13 3  | 6 4  | 37                              | 25   | 3 1/2 sc...  | William E. Anderson, Quathiaski Cove, B.C.  |
| 137034       | <i>Quathiaski No. 7.</i>        | Vancouver                                   | 1915                 | Stoveston, B.C.                       | 47 7  | 13 1  | 6 0  | 30                              | 21   | 1 sc...  | Wm. E. Anderson, Quathiaski Cove, B.C.  |
| 138155       | <i>Quathiaski No. 8.</i>        | Vancouver                                   | 1916                 | Stoveston, B.C.                       | 48 8  | 13 1  | 6 1  | 29                              | 19   | 1 sc...  | Wm. E. Anderson, Quathiaski Cove, B.C.  |
| 138156       | <i>Quathiaski No. 10.</i>       | Vancouver                                   | 1916                 | Stoveston, B.C.                       | 50 0  | 11 4  | 4 5  | 21                              | 14   | 2 sc...  | Wm. E. Anderson, Quathiaski Cove, B.C.  |
| 138905       | <i>Qualisc.</i>                 | Vancouver                                   | 1916                 | Port Arthur, Ont.                     | 50 6  | 11 0  | 4 8  | 21                              | 9  | 3 sc...  | Whitlen Pulp and Paper Mills, Ltd., Merchant's Bank Bldg., Vancouver, B.C.            |
| 123405       | Quebec ©                        | Montreal                                    | { 1855<br>1907       | Sorel, Que.                           | 311 0   | 64 1  | 12 0   | 3,498                           | 2,013                                      | 120 hp.  | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                       |
| 122478       | Quebec                          | Ottawa                                      | 9097                 | Carleton Place, Ont.                  | 30 6  | 7 1   | 3 0  | 5                               | 4  | 14 sc...   | Temiskaming Navigation Co., Ltd., Madawa, Ont.  |
| 92335        | Queen                           | Quebec                                      | 1886                 | Lévis, Que.                           | 117 0   | 31 6  | 14 8   | 367                             | 249  | 75 sc...   | The Quebec & Lévis Ferry Co., Ltd., Quebec, Que.                                      |
| 134285       | Queen                           | Victoria                                    | 1914                 | New Westminster, B.C.                 | 84 7  | 20 6  | 8 0  | 115                             | 68   | 23 sc...   | Queen City Tow Boat Co., Ltd., Law Chambers, Victoria, B.C.                           |
| 126415       | Queen of Temagami               | Toronto                                     | 1909                 | Temagami, Ont.                        | 71 5  | 12 6  | 6 0  | 36                              | 25   | 12 sc...   | Temagami Steamboat & Hotel Co., Ltd., Temagami, Ont.                                  |
| 90597        | Queen of the Isles              | Toronto                                     | 1885                 | Orrlith, Ont.                         | 72 0  | 11 0  | 4 3  | 40                              | 27   | 11 sc...   | Muskoka Leather Co., Ltd., Toronto, Ont.  |
| 126245       | Queuel                          | Victoria                                    | 1909                 | Quesnel, B.C.                         | 70 0  | 16 2  | 3 7  | 130                             | 77   | 3 hp.  | Telephore Maroon, Quesnel, B.C.   |
| 134413       | Quanza                          | Prince Rupert                               | 1914                 | Vancouver, B.C.                       | 50 9  | 13 0  | 6 7  | 30                              | 20   | 4 sc...  | Hume B. Babington, Prince Rupert, B.C.  |
| 126437       | Quanaid                         | Vancouver                                   | 1909                 | Port Nelson, B.C.                     | 40 5  | 11 8  | 4 7  | 16                              | 11   | 5 sc...  | Michael J. Dolan, Vancouver, B.C.   |
| 134494       | <i>Quannele</i>                 | Quebec                                      | 1914                 | Capitaine, Que.                       | 101 0   | 27 4  | 9 2  | 117                             | 109  | 6 sc...  | James Richardson Company, Limited, St. Jérôme de Matane, Que.                         |
| 141218       | Quansan                         | Vancouver                                   | 1912                 | New Westminster, B.C.                 | 37 0  | 11 3  | 3 1  | 9                               | 6  | 3 sc...  | Campbell River Booming Co., Ltd., 920 Rogers Bldg., Vancouver, B.C.                   |
| 140977       | R. H.                           | New Westminster                             | 1918                 | Eburno, B.C.                          | 19 0  | 5 6   | 3 0  | 1                               | 1  | 1/2 sc...  | Rasmus Hansen, Eburno, B.C.   |
| 30488        | R. H. A.                        | New Westminster                             | 1911                 | Vancouver, B.C.                       | 49 6  | 12 0  | 3 9  | 19                              | 11   | 3 1/2 sc...  | Mark Wickles, Vancouver B.C.  |
| 141204       | R. S.                           | Vancouver                                   | 1918                 | Vancouver, B.C.                       | 41 4  | 12 2  | 5 1  | 19                              | 13   | 2 sc...  | Renzo Suzumoto, Vancouver, B.C.   |

SESSIONAL PAPER No. 22

| 100125 | R. C. Brittain   | Wallaceburg    | 1877 | Toledo, O., U.S.A.          | 142.2 | 24.0 | 8.0  | 213   | 149   | 13 so.  | Wm. Scott, Wallaceburg, Ont. The Montreal Transportation Co., Ltd., 14 Place Royale, Montreal, Que. |
|--------|------------------|----------------|------|-----------------------------|-------|------|------|-------|-------|---------|---|
| 90654  | R. G. A. Weaver  | Toronto        | 1886 | Toronto, N.Y., U.S.A.       | 61.6  | 17.2 | 9.0  | 81    | 30    | 3½ so.  | The Montreal Transportation Co., Ltd., 14 Place Royale, Montreal, Que.                              |
| 126230 | R. H. Dobson     | Sarnia         | 1878 | Buffalo, N.Y., U.S.A.       | 40.0  | 12.0 | 6.2  | 28    | 16    | 4 so.   | Cleveland-Sarnia Saw Mills Co., Ltd., Sarnia, Ont.  |
| 111971 | R. H. Shaw       | Southampton    | 1902 | Goderich, Ont.              | 75.0  | 14.7 | 6.9  | 44    | 30    | 14 so.  | Dobson & McLeod, Southampton, Ont.  |
| 111853 | R. J. Morrell    | Owen Sound     | 1901 | Meaford, Ont.               | 48.0  | 13.0 | 6.0  | 40    | 27    | 13 so.  | Audrey W. and William Pilgrim, Meaford, Ont.  |
| 126630 | R. J. Skinner    | Vancouver      | 1909 | Vancouver, B.C.             | 63.0  | 11.5 | 5.4  | 27    | 18    | 2½ so.  | The Chief Commissioner of Lands for British Columbia, Victoria, B.C.                                |
| 116472 | R. R. Call       | Chatham, N.B.  | 1904 | Chatham, N.B.               | 53.6  | 13.0 | 5.3  | 23    | 16    | 8 so.   | F. J. Allard, Carleton, Que.  |
| 130647 | R. R. Foster     | Ottawa, Ont.   | 1912 | Ottawa, Ont.                | 105.4 | 22.2 | 6.6  | 135   | 82    | 4 so.   | Rideau Canal Supply Co., Ltd., Ottawa, Ont.   |
| 141730 | R. U. Thayer     | Vancouver      | 1917 | Vancouver, B.C.             | 25.5  | 5.2  | 3.0  | 2     | 2     | 2 so.   | Isador Claman, Vancouver, B.C.  |
| 83154  | R. Anglin        | Bellefleur     | 1869 | Kingston, Ont.              | 97.3  | 22.9 | 5.4  | 97    | 52    | 2 so.   | Rideau Canal Supply Co., Ltd., Ottawa, Ont.   |
| 100630 | R. Fahey         | Port Dover     | 1903 | Buffalo, N.Y., U.S.A.       | 55.0  | 14.7 | 7.6  | 25    | 17    | 4 so.   | The Port Dover Fish Co., Ltd., Port Dover, Ont.   |
| 130628 | R. Racorde       | Yarmouth       | 1913 | Yarmouth, N.S.              | 44.6  | 14.2 | 5.2  | 13    | 11    | 3 so.   | Henry C. Lewis, Yarmouth, N.S.  |
| 138348 | Ragus            | Halifax        | 1917 | Mahone Bay, N.S.            | 72.1  | 22.3 | 7.3  | 78    | 43    | 24 so.  | Acadia Sugar Refining Co., Ltd., 235-237 Hollis St., Halifax, N.S.                                  |
| 103926 | Rainbow          | Peterborough   | 1898 | Birdsall, Ont.              | 30.0  | 14.0 | 4.0  | 56    | 38    | 9 so.   | Jas. D. Simpson, Peterboro, Ont.  |
| 130718 | Rainy Lake       | Kenora         | 1909 | West Superior, Wis., U.S.A. | 66.0  | 10.0 | 5.0  | 31    | 21    | 4 so.   | Naraisse and John Gagné, Fort Frances, Ont.   |
| 130951 | Rakwana          | Lunenburg      | 1912 | Tancook, N.S.               | 40.2  | 10.5 | 5.7  | 12    | 11    | 1 so.   | Louis Longue, North Sydney, N.S.  |
| 138159 | Ralaco           | Vancouver      | 1911 | Vancouver, B.C.             | 27.2  | 6.5  | 2.8  | 3     | 2     | 1½ so.  | Harry P. and Granville P. Gabriell, J.O., Vancouver, B.C.   |
| 126264 | Ralph C.         | Toronto        | 1908 | Fesserton, Ont.             | 32.0  | 8.6  | 4.0  | 12    | 7     | 3 so.   | Walter Wm. Carter, Fesserton, Ont.  |
| 90725  | Ralph E. S.      | Halifax        | 1886 | Mahone Bay, N.S.            | 56.0  | 13.2 | 6.2  | 28    | 19    | 20 so.  | Tug "Ralph E. S.", Ltd., 119 Lower Water St., Halifax, N.S.   |
| 116400 | Ralph T. Holcomb | Sarnia         | 1898 | Marine City, Wis., U.S.A.   | 133.5 | 30.2 | 6.2  | 375   | 165   | 42 so.  | The Edwardsburg Starch Co., Ltd., Montreal, Que.  |
| 107591 | Rambler          | Owen Sound     | 1898 | Owen Sound, Ont.            | 48.2  | 8.8  | 5.0  | 6     | 4     | 14 so.  | Wm. J. Spears, Tobermory, Ont.  |
| 122157 | Rambler          | Vancouver      | 1909 | Kenora, Ont.                | 40.6  | 7.6  | 4.0  | 11    | 7     | 2 so.   | Mrs. Harriet Ford, Port Hammond, B.C.   |
| 103655 | Rambler          | Winnipeg       | 1896 | Kenora, Ont.                | 46.7  | 10.4 | 4.5  | 26    | 18    | 1 so.   | C. G. Pennock and E. F. Kendall, Kenora, Ont.   |
| 138114 | Rambler No. 2    | Vancouver      | 1914 | Vancouver, B.C.             | 30.0  | 8.0  | 4.0  | 9     | 6     | 1 so.   | Robert Crum, Vancouver, B.C.  |
| 100397 | Ramona           | Brockville     | 1894 | Hamilton, Ont.              | 77.4  | 19.0 | 5.0  | 102   | 83    | 8 so.   | The Huntsville Lake of Bays & Lake Simcoe Navigation Co., Ltd., Huntsville, Ont.                    |
| 116615 | Rampart          | Dawson         | 1908 | Dawson, Y.T.                | 42.8  | 9.0  | 1.7  | 5     | 3     | 1 pa.   | Daniel Cadzow, Rampart House, Y.T.  |
| 138595 | Randfontein      | St. John, N.B. | 1919 | St. John, N.B.              | 209.8 | 37.8 | 18.2 | 1,254 | 799   | 4½ so.  | David H. Saker, Saint John, N.B.  |
| 134190 | Randolph         | St. John, N.B. | 1916 | The Range, N.B.             | 41.4  | 11.6 | 4.6  | 16    | 11    | 8 so.   | The St. John River Log Driving Co., Devon, N.B.   |
| 92395  | Ranger           | Deseronto      | 1888 | Kingston, Ont.              | 46.5  | 10.6 | 4.3  | 14    | 8     | 25 so.  | Thomas Walsh, Kenora, Ont.  |
| 94841  | Ranger           | Windsor, Ont.  | 1888 | Walkerville, Ont.           | 44.4  | 7.5  | 3.7  | 8     | 5     | 5 so.   | Wm. Parker, Sandwich, Ont.  |
| 134411 | Ranger II        | Vancouver      | 1907 | Toronto, Ont.               | 27.6  | 9.2  | 4.0  | 13    | 9     | 3 so.   | Allan W. Cameron and John T. Margetts, Vancouver, B.C.  |
| 122407 | Rapids King O    | Montreal       | 1907 | Toronto, Ont.               | 239.0 | 40.0 | 9.5  | 1,801 | 1,199 | 155 so. | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                                     |
| 130418 | Rapids Prince    | Montreal       | 1910 | Toronto, Ont.               | 196.6 | 37.0 | 8.2  | 1,384 | 955   | 101 so. | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                                     |
| 101254 | Rapids Queen     | Montreal       | 1892 | Chester, Pa., U.S.A.        | 194.4 | 33.3 | 8.8  | 1,307 | 770   | 96 so.  | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                                     |
| 117198 | Rat Portage      | Kenora         | 1905 | Kenora, Ont.                | 38.5  | 8.0  | 3.5  | 15    | 10    | 1 so.   | Rat Portage Lumber Co., Ltd., St. Boniface, Man.  |
| 126363 | Ray C.           | Montreal       | 1908 | Corwall, Ont.               | 59.4  | 13.8 | 4.2  | 29    | 14    | 6 so.   | Lyron Cohen, Montreal, Que.   |
| 130231 | Ray Stanton      | Kingston       | 1910 | Collingwood, Ont.           | 61.0  | 13.5 | 6.3  | 34    | 20    | 8 so.   | Grant Payne, Wolfe Island, Ont.   |
| 141511 | Rayo             | Peterboro      | 1919 | Economy, N.S.               | 72.2  | 24.2 | 7.6  | 75    | 67    | 7 so.   | Royal P. Soley, Economy, N.S.   |
| 134737 | Rayon d'Or       | Halifax        | 1912 | Beverly, G.B.               | 140.0 | 24.1 | 13.0 | 342   | 191   | 68 so.  | Golden Ray Fishing Co., Ltd., 3 St. Nicholas St., Montreal, Que.                                    |
| 130569 | Rebecca M. L.    | Lunenburg      | 1911 | Tancook, N.S.               | 41.4  | 10.3 | 5.3  | 12    | 11    | 1 so.   | Charles Scott, Indian Harbour, N.S.   |
| 141421 | Red Cedar        | Vancouver      | 1919 | Thurston Bay, B.C.          | 27.6  | 8.6  | 4.6  | 9     | 6     | 1 so.   | The Minister of Lands, Victoria, B.C.   |
| 121980 | Red Fir          | Victoria       | 1883 | Seattle, Wash., U.S.A.      | 69.9  | 16.8 | 7.3  | 73    | 41    | 10½ so. | Charles Bruce, Victoria, B.C.   |
| 141566 | Red Wing II      | Vancouver      | 1919 | Harbledown Isd., B.C.       | 33.8  | 10.0 | 3.4  | 10    | 7     | 1 so.   | Michael Romano, Vero Bay, B.C.  |
| 130902 | Redonda          | Vancouver      | 1912 | Vancouver, B.C.             | 31.0  | 8.7  | 4.4  | 10    | 7     | 1 so.   | Gerard T. Sexton, Vancouver, B.C.   |
| 112303 | Redwing          | Winnipeg       | 1904 | Selkirk, Man.               | 59.0  | 10.0 | 7.0  | 23    | 16    | 5 so.   | The Superintendent General of Indian Affairs, Ottawa, Ont.  |
| 138179 | Regal E.         | Prince Rupert  | 1910 | Prince Rupert, B.C.         | 27.5  | 10.0 | 4.0  | 8     | 5     | 1 so.   | John A. Swanson, Prince Rupert, B.C.  |
|        |                  |                |      |                             |       |      |      |       |       |         | *Foreign name "Josie." *Formerly a sailing vessel.  |
|        |                  |                |      |                             |       |      |      |       |       |         | *Foreign name "Dorthis" and "Lizzia." *Formerly "Brockville" and "Columbian."                       |
|        |                  |                |      |                             |       |      |      |       |       |         | *Foreign name "Harley." *Formerly "Queen."  |
|        |                  |                |      |                             |       |      |      |       |       |         | *Foreign name "Nellie Reid."  |
|        |                  |                |      |                             |       |      |      |       |       |         | *Formerly "Planet."   |

ALPHABETICAL LIST OF Steam Vessels on Registry Books in Canada, December 31, 1920.

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|--------------|---------------------------------|--------------------------------------|----------------------|---------------------------------------|---------------------------|----------------------------|--------------------------|----------------|---------------------|---|---|
| 100654       | Reginald                        | Sarnia                               | 1894                 | Garden Island, Ont.                   | 120 6                     | 20 0                       | 9 7                      | 265            | 122                 | 48 sc.                                  | The Victoria Lumber Co., Ltd., Toronto, Ont.  |
| 90569        | Reiniger                        | Toronto                              | 1886                 | Port Credit, Ont.                     | 44 5                      | 13 4                       | 3 6                      | 14             | 8                   | 1 sc.                                   | Mark Blowers, Port Credit, Ont.   |
| 97115        | Reliance                        | Sault Ste. Marie                     | 1892                 | Collingwood, Ont.                     | 124 0                     | 23 0                       | 11 6                     | 311            | 182                 | 66 sc.                                  | Lake Superior Paper Co., Ltd., Sault Ste. Marie, Ont.                                 |
| 85281        | Reliance                        | Montreal                             | 1881                 | Deseronto, Ont.                       | 120 0                     | 23 5                       | 9 0                      | 239            | 169                 | 25 sc.                                  | Arthur L. Donoghue, Montreal, Que.  |
| 103166       | Reliance                        | Vancouver                            | 1897                 | New Westminster, B.C.                 | 54 0                      | 12 4                       | 6 1                      | 36             | 25                  | 8 sc.                                   | Emil Johnson, et al., J.O., Vancouver, B.C.   |
| 130650       | Reliance C.                     | Ottawa                               | 1911                 | Etik Lake, Ont.                       | 47 8                      | 10 2                       | 4 0                      | 19             | 16                  | 2 1/2 sc.                               | Joel Laishley, Toronto, Ont., and Wm. Kerwin, Callander, Ont., J.O.                   |
| 133673       | Rennell                         | Prince Rupert                        | 1917                 | Prince Rupert, B.C.                   | 50 0                      | 12 3                       | 6 4                      | 21             | 14                  | 1 1/2 sc.                               | R. Beaumont and C. H. Nicholson, J.O., Vancouver, B.C.                                |
| 126836       | Renvoyle                        | Toronto                              | 1910                 | Port Glasgow, G.B.                    | 250 0                     | 42 7                       | 16 3                     | 1,830          | 1,176               | 157 sc.                                 | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                       |
| 141725       | Renzo                           | Vancouver                            | 1920                 | Vancouver, B.C.                       | 37 5                      | 9 6                        | 4 8                      | 12             | 7                   | 1 1/2 sc.                               | Mainland Timber Co., Ltd., Cambie St. S., Vancouver, B.C.                             |
| 88244        | Rescue                          | Port Arthur                          | 1885                 | Deseronto, Ont.                       | 62 0                      | 16 0                       | 7 0                      | 52             | 36                  | 9 sc.                                   | Superior Sash & Towing Co., Ltd., Fort William, Ont.                                  |
| 85719        | Reserve                         | Ottawa                               | 1905                 | Buffalo, N.Y., U.S.A.                 | 80 4                      | 17 5                       | 5 8                      | 114            | 37                  | 5 sc.                                   | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 126988       | Resort                          | Vancouver                            | 1910                 | North Vancouver, B.C.                 | 45 2                      | 11 8                       | 5 4                      | 25             | 19                  | 2 sc.                                   | Ilford Ltd., Hinds Wharf, Vancouver, B.C.   |
| 133768       | Respond                         | Victoria                             | 1913                 | Vancouver, B.C.                       | 49 5                      | 11 5                       | 6 0                      | 30             | 16                  | 9 sc.                                   | William E. Gardner, Victoria, B.C.  |
| 130642       | Restigouche                     | Ottawa                               | 1900                 | Kinderyk, Holland                     | 156 0                     | 33 0                       | 10 2                     | 319            | 319                 | 60 sc.                                  | The Minister of Public Works, Ottawa, Ont.  |
| 117159       | Restless                        | New Westminster                      | 1906                 | New Westminster, B.C.                 | 71 0                      | 17 0                       | 7 0                      | 76             | 53                  | 16 sc.                                  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 107589       | Reita                           | Lindsay                              | 1899                 | Lindsay, Ont.                         | 29 0                      | 5 2                        | 2 0                      | 2              | 2                   | 3 sc.                                   | Joseph Brown, Lindsay, Ont.   |
| 141065       | Reta M.                         | Archieat                             | 1920                 | Tor Bay, N.S.                         | 35 6                      | 10 2                       | 5 3                      | 12             | 12                  | 1 1/2 sc.                               | Geo. A. Schrader, Tor Bay, N.S.   |
| 150313       | Reville                         | Prince Rupert                        | 1919                 | Prince Rupert                         | 42 0                      | 13 6                       | 5 0                      | 23             | 15                  | 2 sc.                                   | Donald H. Yelf and Horace J. Bradberry, J.O., Prince Rupert, B.C.                     |
| 141092       | Rex                             | Chatham, N.B.                        | 1919                 | Douglastown, N.B.                     | 73 8                      | 16 0                       | 5 8                      | 79             | 41                  | 5 1/2 pa.                               | John W. Brunkley, Chatham, N.B.   |
| 122514       | Rex                             | Vancouver                            | 1907                 | Vancouver, B.C.                       | 38 0                      | 10 0                       | 4 0                      | 14             | 9                   | 5 sc.                                   | Geo. A. Graham, Donna Island, B.C.  |
| 122925       | Rexton                          | Chatham, N.B.                        | 1908                 | Rexton, N.B.                          | 64 0                      | 14 0                       | 4 0                      | 35             | 22                  | 4 pa.                                   | John M. Burns, M.O., Rexton, N.B.   |
| 130457       | Rhinogold                       | Vancouver                            | 1911                 | Vancouver, B.C.                       | 35 0                      | 8 5                        | 4 6                      | 10             | 7                   | 1 1/2 sc.                               | Allan A. DesBray, Vancouver, B.C.   |
| 150317       | Rhona                           | Prince Rupert                        | 1912                 | Vancouver, B.C.                       | 40 0                      | 9 2                        | 5 0                      | 13             | 9                   | 1 sc.                                   | The Minister of Marine & Fisheries, Ottawa, Ont.                                      |
| 133860       | Richard B.                      | Port Arthur                          | 1901                 | Vermillion, O., U.S.A.                | 75 0                      | 17 0                       | 8 5                      | 73             | 40                  | 16 sc.                                  | Russell Timber Co., Ltd., Court St. S., Port Arthur, Ont.                             |
| 133822       | Richard W.                      | Montreal                             | 1891                 | Milwaukee, Wis., U.S.A.               | 236 1                     | 36 3                       | 19 3                     | 1,493          | 995                 | 88 sc.                                  | Richard W. Limited, 83 Dalhousie St., Quebec, Que.                                    |
| 134370       | Richeheu                        | Sorel                                | 1915                 | Sorel, Que.                           | 69 3                      | 22 5                       | 6 9                      | 194            | 118                 | 13 sc.                                  | Mrs. J. L. Leclair, Sorel, Que.   |
| 134313       | Richibucto                      | Richibucto                           | 1920                 | Rexton, N.B.                          | 99 0                      | 26 8                       | 6 5                      | 36             | 36                  | 6 sc.                                   | John D. Walker, Rexton, N.B.  |
| 130661       | Richibucto Pearl                | Richibucto                           | 1911                 | Peter's Mills, N.B.                   | 35 0                      | 11 3                       | 5 0                      | 12             | 10                  | 1 1/2 sc.                               | M. Boudreau, Inkerman, N.B.   |
| 117023       | Richmond                        | Sydney, N.S.                         | 1905                 | Sydney, N.S.                          | 112 5                     | 18 0                       | 8 3                      | 162            | 105                 | 20 sc.                                  | The Richmond Steamship Co., Ltd., Sydney, N.S.  |

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| 126641 | Ride A Wee        | Port Dover      | 1909 | Long Point, Ont.            | 27 0  | 10 0 | 3 0  | 6      | 4      | 12 sc.  | Alexander Leitch, Port Burwell, Ont.  |
|--------|-------------------|-----------------|------|-----------------------------|-------|------|------|--------|--------|---|---|
| 96920  | Rideau King       | Kingston        | 1893 | Kingston, Ont.              | 107 0 | 23 4 | 6 0  | 266    | 197    | 12 sc. <td>The Rideau Lakes Navigation Co., Ltd., Kingston, Ont.</td>                                   | The Rideau Lakes Navigation Co., Ltd., Kingston, Ont.                                   |
| 107742 | Rideau Queen      | Kingston        | 1900 | Kingston, Ont.              | 108 0 | 27 3 | 6 9  | 351    | 253    | 25 sc. <td>Robt. G. Weddell, Trenton, Ont.</td>   | Robt. G. Weddell, Trenton, Ont.   |
| 111946 | Rifle             | New Westminster | 1902 | Kamloops, B.C.              | 45 0  | 11 0 | 3 5  | 37     | 196    | 23 pa. <td>The Lamb-Watson Lumber Co., Ltd., Arrowhead, B.C.</td>                                       | The Lamb-Watson Lumber Co., Ltd., Arrowhead, B.C.                                       |
| 130561 | Right Away        | Lunenburg       | 1911 | Tanouk, N.S.                | 37 0  | 13 3 | 6 8  | 21     | 19     | 3 sc. <td>William J. Marshall, Petit de Grat, N.S.</td>   | William J. Marshall, Petit de Grat, N.S.  |
| 141731 | Rimonski          | Quebec          | 1919 | Montreal, Que.              | 45 0  | 10 0 | 5 2  | 13     | 7      | 3 sc. <td>Price Bros. &amp; Co. Ltd., 56 St. Peters St., Quebec, Que.</td>                              | Price Bros. & Co. Ltd., 56 St. Peters St., Quebec, Que.                                 |
| 183729 | Rip Rap           | Vancouver       | 1912 | Vancouver, B.C.             | 40 0  | 10 3 | 4 4  | 14     | 10     | 1 sc. <td>The Attorney General for British Columbia, Victoria, B.C.</td>                                | The Attorney General for British Columbia, Victoria, B.C.                               |
| 97118  | Ripple            | Collingwood     | 1892 | Collingwood, Ont.           | 32 0  | 8 0  | 3 7  | 5      | 4      | 1 sc. <td>Peter Chessfield, Richard's Landing, Ont.</td>  | Peter Chessfield, Richard's Landing, Ont.   |
| 112047 | Rising Dawn       | St. Catharines  | 1877 | St. Joseph, Mich., U.S.A.   | 15 4  | 5 3  | 3 7  | 2      | 14     | 13 sc. <td>J. P. Gibbons, Port Colborne, Ont.</td>  | J. P. Gibbons, Port Colborne, Ont.  |
| 75575  | Rising Sun        | Lunenburg       | 1891 | La Have, N.S.               | 42 0  | 15 0 | 5 0  | 18     | 14     | 13 sc. <td>Rufus E. Dickie, Stewiacke, N.S.</td>  | Rufus E. Dickie, Stewiacke, N.S.  |
| 96896  | Rising Sun        | Halifax         | 1894 | Chezzacooc, N.S.            | 50 7  | 17 4 | 6 6  | 32     | 30     | 13 sc. <td>Wm. T. Hurdman Upper Prospect, N.S.</td>   | Wm. T. Hurdman Upper Prospect, N.S.   |
| 130358 | Risk              | Arichat         | 1914 | Arichat, N.S.               | 31 0  | 12 0 | 6 0  | 11     | 10     | 13 sc. <td>Alfred Langlois, Desouaze, N.S.</td>   | Alfred Langlois, Desouaze, N.S.   |
| 103099 | Rita B.           | Montreal        | 1894 | Montreal, Que.              | 126 5 | 20 5 | 7 0  | 332    | 170    | 20 pa. <td>Rita Deaudon, Montreal, Que.</td>  | Rita Deaudon, Montreal, Que.  |
| 134048 | Rita H.           | Lunenburg       | 1907 | Sorel, Que.                 | 39 6  | 10 9 | 5 3  | 11     | 10     | 63 pa. <td>Andrew Hummelman, La Have, N.S.</td>   | Andrew Hummelman, La Have, N.S.   |
| 103513 | River Dartmouth   | Gaspe           | 1920 | Malone Bay, N.S.            | 55 6  | 15 0 | 3 5  | 28     | 12     | 3 pa. <td>Harris, F. Calhoun, Gaspe, Que.</td>  | Harris, F. Calhoun, Gaspe, Que.   |
| 137972 | River Side I.     | Montreal        | 1915 | Bareclois, Que.             | 36 8  | 7 3  | 2 5  | 5      | 4      | 3 sc. <td>Hermenezild Thibault, Sherbrooke, Que.</td>   | Hermenezild Thibault, Sherbrooke, Que.  |
| 137973 | River Side II.    | Montreal        | 1915 | Megantic, Que.              | 36 3  | 7 0  | 2 4  | 4      | 4      | 3 sc. <td>Hermenezild Thibault, Sherbrooke, Que.</td>   | Hermenezild Thibault, Sherbrooke, Que.  |
| 117126 | River View        | Kingston        | 1903 | Pensacola, Que.             | 29 4  | 7 6  | 2 9  | 5      | 3      | 3 sc. <td>F. Shupman, Ivy Lea, Ont.</td>  | F. Shupman, Ivy Lea, Ont.   |
| 137898 | Riverton          | Toronto         | 1896 | Bay City, Mich., U.S.A.     | 45 1  | 4 6  | 2 3  | 4, 423 | 2, 684 | 106 sc. <td>Matthews Steamship Co., Ltd., Toronto, Ont.</td>  | Matthews Steamship Co., Ltd., Toronto, Ont.   |
| 141353 | Roamer            | Ottawa          | 1913 | Stone Harbour, N.Y., U.S.A. | 45 1  | 11 4 | 4 8  | 18     | 16     | 2 sc. <td>The Minister of Indian Affairs, Ottawa, Ont.</td>   | The Minister of Indian Affairs, Ottawa, Ont.  |
| 122360 | Rob. C. Weddell   | Kingston        | 1907 | Trenton, Ont.               | 66 1  | 16 0 | 7 8  | 45     | 19     | 28 sc. <td>Robert Weddell, Trenton, Ont.</td>   | Robert Weddell, Trenton, Ont.   |
| 111585 | Rob Roy           | Peterborough    | 1900 | Peterborough, Ont.          | 41 0  | 7 4  | 3 4  | 13     | 10     | 13 sc. <td>Joseph G. Le Vasseur, Peterboro', Ont.</td>  | Joseph G. Le Vasseur, Peterboro', Ont.  |
| 111915 | Rob Roy           | Toronto         | 1899 | Peterborough, Ont.          | 30 0  | 7 5  | 3 0  | 5      | 3      | 1 sc. <td>Norman Bennett, Orillia, Ont.</td>  | Norman Bennett, Orillia, Ont.   |
| 77830  | Robbie Burns      | Halifax         | 1876 | Peterborough, N.S.          | 72 4  | 25 0 | 7 0  | 89     | 73     | 20 sc. <td>The Halifax Dredging Co., Ltd., Halifax, N.S.</td>   | The Halifax Dredging Co., Ltd., Halifax, N.S.   |
| 122456 | Robbie Austin     | Weymouth        | 1907 | Meteghan, N.S.              | 36 1  | 11 2 | 5 0  | 14     | 8      | 23 sc. <td>A. P. Tippett, Montreal, Que.</td>   | A. P. Tippett, Montreal, Que.   |
| 133979 | Robert C. Hammond | New Westminster | 1913 | Fort George, B.C.           | 101 0 | 21 6 | 4 2  | 250    | 158    | 5 pa. <td>Fort George Lake &amp; River Transportation Co., Ltd., Fort George, B.C.</td>                 | Fort George Lake & River Transportation Co., Ltd., Fort George, B.C.                    |
| 112191 | Robert Downey     | Chatham, Ont.   | 1893 | Buffalo, N.Y., U.S.A.       | 58 0  | 14 5 | 7 0  | 37     | 25     | 8 sc. <td>The C. S. Boone Dredging &amp; Construction Co., Ltd., Toronto, Ont.</td>                     | The C. S. Boone Dredging & Construction Co., Ltd., Toronto, Ont.                        |
| 130622 | Robert C. Cann    | Yarmouth        | 1911 | Shellburne, N.S.            | 119 0 | 24 6 | 9 4  | 265    | 112    | 41 sc. <td>Hugh Cann &amp; Son, Ltd., Yarmouth, N.S.</td>   | Hugh Cann & Son, Ltd., Yarmouth, N.S.   |
| 134019 | Robert K. Fryer   | Port Dover      | 1917 | Port Dover, Ont.            | 68 6  | 17 4 | 6 8  | 57     | 39     | 19 sc. <td>William F. Kolbe, Port Dover, Ont.</td>  | William F. Kolbe, Port Dover, Ont.  |
| 107419 | Robert Mackay     | Montreal        | 1889 | Levis, Que.                 | 79 2  | 17 6 | 11 9 | 129    | 87     | 40 sc. <td>Harbour Commissioners of Montreal, Montreal, Que.</td>                                       | Harbour Commissioners of Montreal, Montreal, Que.                                       |
| 131109 | Robert R. Rhodes  | Montreal        | 1887 | Cleveland, O., U.S.A.       | 246 3 | 40 0 | 18 6 | 1,599  | 457    | 83 sc. <td>Wm. E. Lawlor, Hawkesbury, N.S.</td>   | Wm. E. Lawlor, Hawkesbury, N.S.   |
| 122992 | Robichaud         | Chatham, N.B.   | 1913 | Iamsek, N.B.                | 32 6  | 10 4 | 4 6  | 12     | 10     | 4 sc. <td>Peter Butler Nequac, N.B.</td>  | Peter Butler Nequac, N.B.   |
| 130924 | Robbie M.         | Halifax         | 1907 | Liverpool, N.S.             | 76 6  | 16 6 | 7 3  | 67     | 31     | 93 sc. <td>J. Mathers, Halifax, N.S.</td>   | J. Mathers, Halifax, N.S.   |
| 131154 | Robicraft         | Vancouver       | 1912 | Vancouver, B.C.             | 33 1  | 8 1  | 3 9  | 9      | 6      | 14 sc. <td>Horace Williamson, Vancouver, B.C.</td>  | Horace Williamson, Vancouver, B.C.  |
| 130458 | Roche Point       | Vancouver       | 1910 | Vancouver, B.C.             | 75 5  | 17 6 | 8 2  | 76     | 52     | 93 sc. <td>West Coast Transportation Co., Ltd., Cor. Kingsway, and Argyle Sts., Port Alberni, B.C.</td> | West Coast Transportation Co., Ltd., Cor. Kingsway, and Argyle Sts., Port Alberni, B.C. |
| 130419 | Rock Ferry        | Montreal        | 1882 | Detroit, Mich., U.S.A.      | 237 0 | 36 8 | 18 2 | 1,454  | 716    | 90 sc. <td>George Hall Coal Company of Canada, Ltd., 273 Craig St. W. Montreal, Que.</td>               | George Hall Coal Company of Canada, Ltd., 273 Craig St. W. Montreal, Que.               |
| 107879 | Roekaway          | Lindsay         | 1901 | Lindsay, Ont.               | 36 6  | 6 5  | 2 5  | 7      | 5      | 6 pa. <td>T. H. DeCew, Fenelon Falls, Ont.</td>   | T. H. DeCew, Fenelon Falls, Ont.  |
| 107216 | Roeket            | Winnipeg        | 1899 | Selkirk, Man.               | 76 0  | 15 0 | 6 8  | 56     | 21     | 16 sc. <td>Manitoba Transport Co., Ltd., Winnipeg, Man.</td>  | Manitoba Transport Co., Ltd., Winnipeg, Man.  |
| 131126 | Roekland          | Ottawa          | 1912 | Roekland, Ont.              | 70 8  | 16 8 | 6 8  | 75     | 38     | 6 sc. <td>Hormidas Dupuis, Hull, Que.</td>  | Hormidas Dupuis, Hull, Que.   |
| 141328 | Roekville         | Vancouver       | 1912 | Victoria, B.C.              | 32 6  | 11 5 | 3 9  | 11     | 6      | 13 sc. <td>Horace W. Smith and Lawrence J. Labey, J. O., Vancouver, B.C.</td>                           | Horace W. Smith and Lawrence J. Labey, J. O., Vancouver, B.C.                           |
| 136822 | Roddy S.          | Winnipeg        | 1918 | Selkirk, Man.               | 71 5  | 15 8 | 6 4  | 58     | 39     | 13 sc. <td>The Northern Fish Co., Ltd., Selkirk, Man.</td>  | The Northern Fish Co., Ltd., Selkirk, Man.  |
| 117095 | Rodrig Grace      | Arichat         | 1906 | L'Ardoise, N.S.             | 43 0  | 12 5 | 6 0  | 18     | 18     | 13 sc. <td>Geo. A. Redford, et al., J.O. Glace Bay, N.S.</td>   | Geo. A. Redford, et al., J.O. Glace Bay, N.S.   |
| 137954 | Robin             | Vancouver       | 1913 | Seal Island, B.C.           | 32 0  | 8 0  | 3 6  | 8      | 5      | 1 sc. <td>Samuel Beaudet, Sayward, B.C.</td>  | Samuel Beaudet, Sayward, B.C.   |
| 137954 | Robit             | Kingston        | 1905 | Pictou, Ont.                | 40 0  | 23 4 | 3 0  | 9      | 5      | 1 pa. <td>Quinte Transfer Co., Ltd., Belleville, Ont.</td>  | Quinte Transfer Co., Ltd., Belleville, Ont.   |
| 112348 | Rona              | Liverpool       | 1903 | Liverpool, N.S.             | 75 2  | 19 3 | 7 5  | 70     | 42     | 16 sc. <td>The Minister of Public Works, Ottawa, Ont.</td>  | The Minister of Public Works, Ottawa, Ont.  |
| 133745 | Ronald            | Yarmouth        | 1914 | Kelley's Cove, N.S.         | 34 2  | 12 2 | 5 8  | 16     | 15     | 14 sc. <td>Arthur Taylor, Yarmouth, N.S.</td>   | Arthur Taylor, Yarmouth, N.S.   |

\*Formerly a sailing vessel.  
 †Formerly "L. C. Waldo."  
 ‡Formerly "Alaska."  
 §Formerly "Meloghan I."  
 ¶Foreign name "Nereus."  
 ††Foreign name "Pueblo."  
 †††Foreign name "Merrimac."  
 ††††Foreign name "Chateaugay."  
 †††††Formerly "James Swift."  
 ††††††Formerly "Chateaugay."

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.  
 Abréviations—Abbreviations: **J.O.**, Joint Owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.  
 © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vapeurs à moteurs sont en *italiques*.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths. | Breadth in feet and 10ths. | Largeur en pieds et 10es. | Depth in feet and 10ths. | Gross Tonnage. | Profondeur en pieds et 10es. | Tonnage brut. | Registered Tonnage. | H.P. of Engines and Mode of Propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|------------------------|---------------------------------------|---------------------------|----------------------------|---------------------------|--------------------------|----------------|------------------------------|---------------|---------------------|---|---|
| 131065       | <i>Ronald B.</i>                | Shelburne                                   | 1913                   | Shelburne, N.S.                       | 08 7                      | 18 0                       | 9 0                       | 9 0                      | 45             | 9 0                          | 45            | 40                  | 1 sc...                                 | The Lockeport Cold Storage Co., Limited, et al., Lockeport, N.S.                      |
| 130946       | <i>Ronald C.</i>                | Lunenburg                                   | 1911                   | Lunenburg, N.S.                       | 45 0                      | 11 2                       | 5 0                       | 15                       | 15             | 5 0                          | 15            | 14                  | 3 sc...                                 | Clarence Tamer, Black Rocks, N.S.   |
| 133410       | <i>Rondina</i>                  | Sydney, N.S.                                | 1898                   | South Boston, Mass., U.S.A.           | 53 6                      | 14 6                       | 7 7                       | 7 7                      | 24             | 3 7                          | 24            | 22                  | 1 sc...                                 | Jos. T. Irwin, Port Morten, N.S.  |
| 133302       | <i>Roona</i>                    | Vancouver                                   | 1916                   | Vancouver, B.C.                       | 34 2                      | 9 1                        | 3 7                       | 5                        | 5              | 3 7                          | 5             | 3                   | 1 sc...                                 | Edward Lloyd, Port Moody, B.C.  |
| 123576       | <i>Rosa Georgina</i>            | Yarmouth                                    | 1907                   | Surette Island, N.S.                  | 46 0                      | 17 4                       | 8 6                       | 35                       | 35             | 8 6                          | 35            | 31                  | 1 sc...                                 | Thos. H. Macdonald, Meteghan, N.S.  |
| 130928       | <i>Rosalie L.</i>               | Montreal                                    | 1912                   | Sorel, Que.                           | 61 4                      | 15 7                       | 8 7                       | 74                       | 74             | 8 7                          | 74            | 38                  | 23 sc...                                | The Sincennes-McNaughton Line, Ltd., 75 Common St., Montreal, Que.                    |
| 130531       | <i>Rosalia D.</i>               | Toronto                                     | 1910                   | Hamilton, Ont.                        | 47 0                      | 9 8                        | 4 4                       | 18                       | 15             | 4 4                          | 18            | 15                  | 31 sc...                                | John Kirwin, Callander, Ont.  |
| 130272       | <i>Rosamond Bellel.</i>         | Winnipeg                                    | 1910                   | Winnipeg, Man.                        | 163 5                     | 40 7                       | 9 6                       | 679                      | 462            | 9 6                          | 679           | 462                 | 50 sc...                                | Norman A. Rule, Winnipeg, Man.  |
| 130639       | <i>Rosanna J.</i>               | Lunenburg                                   | 1906                   | Lunenburg, N.S.                       | 42 6                      | 10 6                       | 5 5                       | 11                       | 10             | 5 5                          | 11            | 10                  | 3 sc...                                 | Israel Tanner, Eastern Point, N.S.  |
| 133365       | <i>Rose City</i>                | Vancouver                                   | 1913                   | Tacoma, Wash., U.S.A.                 | 42 6                      | 13 7                       | 5 7                       | 24                       | 17             | 5 7                          | 24            | 17                  | 2 sc...                                 | Lummi Bay Packing Co., Ltd., 602-744 Hastings St., W., Vancouver, B.C.                |
| 133550       | <i>Roseina B.</i>               | Halifax                                     | 1917                   | Mahone Bay, N.S.                      | 123 2                     | 21 7                       | 9 3                       | 320                      | 181            | 9 3                          | 320           | 181                 | 54 sc...                                | Charles and George Brister, Halifax, N.S.   |
| 122122       | <i>Rosemary</i>                 | Halifax                                     | 1906                   | Sable River, N.S.                     | 66 1                      | 14 6                       | 5 9                       | 41                       | 28             | 5 9                          | 41            | 28                  | 8 sc...                                 | Tug "Rosemary", Ltd., 119 Lower Water St., Halifax, N.S.                              |
| 122212       | <i>Rosetta</i>                  | Toronto                                     | 1903                   | Gregory, Ont.                         | 40 0                      | 8 0                        | 3 0                       | 8                        | 6              | 3 0                          | 8             | 6                   | 2 sc...                                 | Charles John Henry Ames, Muskoka, Ont.  |
| 130600       | <i>Roseway</i>                  | Yarmouth                                    | 1912                   | Shelburne, N.S.                       | 71 8                      | 17 7                       | 8 1                       | 42                       | 37             | 8 1                          | 42            | 37                  | 14 sc...                                | James M. Walker, Yarmouth, N.S.   |
| 134281       | <i>Rostie B.</i>                | Vancouver                                   | 1914                   | Saltspring Island, B.C.               | 39 0                      | 9 0                        | 4 0                       | 9                        | 6              | 4 0                          | 9             | 6                   | 1 sc...                                 | National Timber Co., Ltd., 31-353 Granville St., Vancouver, B.C.                      |
| 80588        | <i>Rosseau</i>                  | Toronto                                     | 1880                   | Gravenhurst, Ont.                     | 70 0                      | 11 6                       | 5 0                       | 53                       | 36             | 5 0                          | 53            | 36                  | 20 sc...                                | Alfred Mortimer, Mortimer's Point, Muskoka, Ont.                                      |
| 107149       | <i>Rossland</i>                 | Vancouver                                   | 1897                   | Nakusp, B.C.                          | 183 4                     | 29 1                       | 7 0                       | 884                      | 582            | 7 0                          | 884           | 582                 | 32 pa.                                  | Canadian Pacific Ry. Co., Montreal, Que.  |
| 138002       | <i>Rossport</i>                 | Port Arthur                                 | 1915                   | Port Arthur, Ont.                     | 55 2                      | 12 1                       | 6 1                       | 19                       | 8              | 6 1                          | 19            | 8                   | 3 sc...                                 | Frederick Gerow, Rossport, Ont.   |
| 136737       | <i>Roswynne</i>                 | Vancouver                                   | 1909                   | Vancouver, B.C.                       | 35 0                      | 8 0                        | 3 6                       | 9                        | 6              | 3 6                          | 9             | 6                   | 1 sc...                                 | Charles G. Siskinith, Vancouver, B.C.   |
| 130251       | <i>Rotundas</i>                 | Windsor, N.S.                               | 1910                   | Shelburne, N.S.                       | 92 0                      | 20 6                       | 6 8                       | 123                      | 66             | 6 8                          | 123           | 66                  | 19 sc...                                | SS. "Rotundas" Co., Ltd., Sumnerville, N.S.   |
| 134277       | <i>Rouvier</i>                  | Victoria                                    | 1914                   | Fort George, B.C.                     | 45 5                      | 7 1                        | 2 5                       | 5                        | 5              | 2 5                          | 5             | 5                   | 1 sc...                                 | Harry Bloom, Alexander Freed and O. F. Browne, South Fort George, B.C.                |
| 126528       | <i>Rouville</i>                 | Ottawa                                      | 1906                   | Sorel, Que.                           | 125 0                     | 26 0                       | 14 2                      | 301                      | 144            | 14 2                         | 301           | 144                 | 54 sc...                                | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 121918       | <i>Rover</i>                    | Kenora                                      | 1907                   | Kenora, Ont.                          | 30 0                      | 4 0                        | 4 0                       | 11                       | 7              | 4 0                          | 11            | 7                   | 1 sc...                                 | Booth Fisheries Co. of Canada, Ltd., Dominion Bank Bldg., Toronto, Ont.               |
| 111884       | <i>Rover</i>                    | Peterborough                                | 1905                   | Peterboro, Ont.                       | 40 0                      | 9 5                        | 3 2                       | 19                       | 12             | 3 2                          | 19            | 12                  | 2 pa.                                   | The Dickson Co., Ltd., Peterboro, Ont.  |
| 122518       | <i>Rover</i>                    | Vancouver                                   | 1907                   | Vancouver, B.C.                       | 39 0                      | 11 0                       | 4 8                       | 19                       | 13             | 4 8                          | 19            | 13                  | 14 sc...                                | Alfred Wallace and Hume B. Babington, J.O., Vancouver, B.C.                           |
| 130025       | <i>Roady</i>                    | Montreal                                    | 1912                   | Montreal, Que.                        | 35 0                      | 7 6                        | 4 1                       | 7                        | 5              | 4 1                          | 7             | 5                   | 2 sc...                                 | Thos. M. Hall, Montreal, Que.   |

SESSIONAL PAPER No. 22

| 141575 | <i>Raxana Burton</i>       | Weymouth            | 120 0 | 27 7 | 10 0 | 202   | 130   | John Burton, North Sydney, N.S.<br>The Georgian Bay Hotel Co., Ltd., Parry Sound, Ont.                   |
|--------|----------------------------|---------------------|-------|------|------|-------|-------|--|
| 107363 | Roy B. Dick                | Chatham, N.B.       | 31 2  | 8 1  | 3 7  | 6     | 4     | 1 sc...<br>W. S. Lorie Co., Ltd., Chatham, N.B.  |
| 138284 | Roy Mace                   | Toronto             | 44 0  | 12 0 | 5 4  | 13    | 16    | 4 sc...<br>Roger Miller & Sons Ltd., Toronto, Ont.   |
| 116867 | Royal                      | Midland             | 31 4  | 7 6  | 3 2  | 23    | 3     | 2 sc...<br>Fred Earnest, Philias and George Grisé, Midland, Ont.   |
| 134513 | Royalite                   | Sarnia              | 250 0 | 43 1 | 16 6 | 2,052 | 1,542 | 95 sc...<br>Imperial Oil, Ltd., Sarnia, Ont.   |
| 88562  | Ruby                       | Kingston            | 22 4  | 6 7  | 2 5  | 7     | 5     | 4 sc...<br>Chas. Stewart, Lansdowne, Ont.  |
| 119783 | Ruby                       | Peterborough        | 33 0  | 6 6  | 3 7  | 7     | 5     | 4 sc...<br>H. E. Ford, Norwood, Ont.   |
| 123148 | Ruby L.                    | Annapolis Royal     | 90 0  | 20 4 | 8 6  | 119   | 51    | 10 <sup>1</sup> / <sub>2</sub> sc...<br>The Margareville Steamship Co., Ltd., Margareville, N.S.         |
| 133231 | Ruby Z                     | St. Andrews         | 36 3  | 12 0 | 5 7  | 11    | 7     | 1 sc...<br>Lloyd A. Zwickler, Grand Manan, N.B.  |
| 129057 | Rumabout                   | Owen Sound          | 41 0  | 8 4  | 5 0  | 9     | 6     | 1 sc...<br>Frederick Wright, et al., Warton, Ont.  |
| 103848 | Russell                    | Ottawa              | 79 8  | 17 0 | 7 0  | 76    | 45    | 57 sc...<br>W. C. Edwards & Co., Ltd., Rockland, Ont.  |
| 100024 | Russell Roque              | Toronto             | 66 0  | 13 0 | 6 8  | 39    | 27    | 9 sc...<br>Joseph Roque, Killarney, Algoma, Ont.   |
| 97193  | Rustler                    | Chatham, N.B.       | 97 4  | 20 6 | 4 6  | 102   | 64    | 20 pa...<br>The Newcastle Steamboat Co., Ltd., Newcastle, N.B.   |
| 138691 | Ruth A.                    | Vancouver           | 29 5  | 8 0  | 4 0  | 6     | 4     | 1 sc...<br>Chas. Mitchell, Vancouver, B.C.   |
| 141551 | Ruth B.                    | Vancouver           | 61 6  | 14 8 | 8 4  | 65    | 37    | 3 <sup>1</sup> / <sub>2</sub> sc...<br>Pacific Mills, Limited, 1304 Standard Bank Bldg., Vancouver, B.C. |
| 107428 | Ruth M.                    | Brockville          | 41 8  | 8 8  | 3 6  | 9     | 6     | 3 sc...<br>George Marron, Owen Sound, Ont.   |
| 141505 | S. D.                      | Quebec              | 61 5  | 21 3 | 5 2  | 37    | 25    | 2 sc...<br>David Toussaint, St. Jean Port Jolie, Que.  |
| 141064 | S. D. F.                   | 1919                | 33 9  | 10 6 | 6 4  | 14    | 14    | 1 sc...<br>Simon Fournere, West Port Felix, N.S.   |
| 137995 | S. S. B.                   | Aricbat.            | 30 0  | 10 0 | 5 0  | 11    | 10    | 1 sc...<br>Albanie Boucher, Arichat, N.S.  |
| 137952 | S. S. A.                   | Vancouver           | 30 0  | 8 2  | 3 6  | 10    | 7     | 1 sc...<br>Henry C. Acroid, Vancouver, B.C.  |
| 129773 | S. and G.                  | Richibucto          | 33 0  | 11 2 | 4 3  | 10    | 10    | 1 sc...<br>Syvester Gray, St. Charles, N.B.  |
| 117127 | S. & Y.                    | Kingston, Ont.      | 64 8  | 11 1 | 4 0  | 26    | 16    | 1 sc...<br>The Upper Ontario Steamboat Co., Ltd., New Liskeard, Ont.                                     |
| 126644 | S. B. Grabel               | Port Dover          | 61 8  | 16 3 | 6 0  | 40    | 27    | 4 sc...<br>William F. Kolbe, Port Dover, Ont., and Samuel B. Gravel, Burnaby, Ont.                       |
| 130685 | S. F. Levy                 | Lunenburg           | 40 4  | 10 0 | 5 6  | 12    | 11    | 1 sc...<br>Hezekiah Levy, Little Tancook, N.S.   |
| 138503 | S. S. Low Bush             | Montreal            | 69 6  | 16 1 | 6 1  | 118   | 65    | 0 <sup>1</sup> / <sub>2</sub> pa...<br>Abithi Power & Paper Co., Ltd., Sun Life Bldg., Montreal, Que.    |
| 112177 | S. W. Marchment            | Toronto             | 97 0  | 16 0 | 5 5  | 89    | 60    | 2 sc...<br>E. Bedford and T. E. Hough, Toronto, Ont.   |
| 138090 | S. Yezina                  | Quebec              | 26 8  | 6 3  | 2 3  | 3     | 3     | 1 sc...<br>Samuel Yezina, Jr., 7 Notre Dame St., Quebec, Que.  |
| 136307 | Sable I.                   | Windsor, N.S.       | 183 0 | 28 6 | 12 2 | 734   | 341   | 85 sc...<br>James A. Farquhar, Halifax, N.S.   |
| 100497 | Sadie                      | 1892                | 68 3  | 15 0 | 8 6  | 60    | 34    | 13 sc...<br>Victoria Tug Co., Ltd., Victoria, B.C.   |
| 122088 | Sadie Edna                 | Charlottetown       | 30 5  | 9 8  | 4 5  | 9     | 5     | 1 sc...<br>E. Poterel Co., Ltd., Shediac, N.B.   |
| 130650 | Sadie Evelyn               | Brae, Lot 9, P.E.I. | 42 0  | 10 3 | 5 6  | 12    | 11    | 1 sc...<br>Marcus Publicover, Blandford, N.S.  |
| 126826 | Sadie J. Riser             | Lunenburg           | 39 9  | 10 8 | 5 3  | 11    | 11    | 1 sc...<br>Robin Jones and Whitman, Limited, Halifax, N.S.   |
| 122118 | Sagamaw                    | Toronto, Ont.       | 152 0 | 29 0 | 9 7  | 744   | 420   | 63 sc...<br>The Muskoka Lakes Navigation & Hotel Co., Ltd., Toronto, Ont.                                |
| 69524  | Saginaw                    | 1873                | 142 0 | 25 5 | 10 0 | 357   | 243   | 150 sc...<br>Edward A. Booth, Kingston, Ont.   |
| 138779 | Saginaw No. 1              | Sarnia              | 34 0  | 8 2  | 4 5  | 10    | 5     | 1 sc...<br>Jas. Boyd, Bella Bella, B.C.  |
| 130626 | Saguenay                   | Montreal            | 275 3 | 40 0 | 14 9 | 2,777 | 1,864 | 177 sc...<br>Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                             |
| 112052 | Saida                      | Dunville, Ont.      | 32 9  | 13 6 | 5 0  | 14    | 10    | 20 sc...<br>James Crumb, Dunville, Ont.  |
| 56691  | St. Andrew                 | Chatham, N.B.       | 92 5  | 19 3 | 6 9  | 77    | 52    | 54 sc...<br>J. B. Snowball Co., Ltd., Chatham, N.B.  |
| 61167  | Saint Catherine            | Quebec              | 37 0  | 9 0  | 4 9  | 12    | 8     | 10 sc...<br>F. Mercier, Beauport, Que.   |
| 112074 | St. Charles                | Peterborough        | 42 0  | 10 0 | 3 7  | 26    | 18    | 2 sc...<br>Alfred Macdonald, Peterborough, Ont.  |
| 111618 | St. Charles                | Quebec              | 46 8  | 11 0 | 5 6  | 23    | 16    | 5 sc...<br>The Shawmigan Water & Power Co., 83 Craig St. W., Montreal, Que.                              |
| 131105 | St. Charles Lache-<br>neis | Montreal            | 35 5  | 6 9  | 3 0  | 4     | 4     | 2 sc...<br>Zenophile Therrien, Lachenaix, Que.   |
| 107246 | St. Clair                  | Vancouver           | 78 0  | 17 0 | 7 0  | 68    | 46    | 27 sc...<br>Whalen Pulp & Paper Mills, Ltd., Merchants Bank Bldg., Vancouver, B.C.                       |

1Formerly a sailing vessel. 2Foreign name "Elsinore." 3Formerly "Camilla."

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—Abréviations: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Paddle—à aubes; St., Screw—à hélice. ©—Equipped with Wireless—Muni de la T.S.F.—Noms de Motor Vessels in *italics*—Les noms des vaisseaux à moteurs sont en *italiques*.

| Official No.<br>N <sup>o</sup> officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Build.<br>Constructeur. | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10ths. | Breadth in feet and 10ths.<br>Largeur en pieds et 10ths. | Depth in feet and 10ths.<br>Profondeur en pieds et 10ths. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en c. v. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--|---------------------------------|---|-------------------------|---------------------------------------|--|--|---|---------------------------------|--|---|---|
| 80731                                    | St. Croix                       | Quebec                                      | 1880                    | St. Nicholas, Que.                    | 125 1  | 26 0   | 8 6   | 506                             | 318  | 30 hp.  | P. Boisvert, Ste. Croix, Que.   |
| 131106                                   | Saint Elme                      | Montreal                                    | 1905                    | Lachine, Que.                         | 28 1   | 5 5  | 2 5   | 2                               | 2  | 2 sc.   | Zenophile Therrien, Lachine, Que.   |
| 140925                                   | St. Eloi                        | Ottawa                                      | 1917                    | Toronto, Ont.                         | 130 0  | 23 5   | 13 5  | 320                             | 204  | 59 sc.  | The Minister of the Naval Service, Ottawa, Ont.                                       |
| 138626                                   | St. Emelie                      | Winnipeg                                    | 1914                    | Fort Chipewyan, Alta.                 | 45 0   | 9 3  | 3 5   | 19                              | 13   | 1 sc.   | The Corporation Episcopal Roman Catholic Mission, Fort Chipewyan, Alta.               |
| 103937                                   | St. George                      | Chatham, N.B.                               | 1897                    | Chatham, N.B.                         | 114 6  | 25 1   | 12 3  | 278                             | 175  | 44 hp.  | J. B. Snowball Co., Ltd., Chatham, N.B.   |
| 107750                                   | St. George                      | Ottawa                                      | 1893                    | Simcoe, Ont.                          | 37 0   | 15 7   | 3 6   | 17                              | 9  | 20 hp.  | Hon. Sir Geo. H. Parley, Ottawa, Ont.   |
| 122350                                   | St. George                      | Toronto                                     | 1903                    | Toronto, Ont.                         | 35 0   | 7 0  | 3 0   | 5                               | 3  | 2 sc.   | Robert Maiv, Toronto, Ont.  |
| 112039                                   | St. Henri                       | Quebec                                      | 1900                    | St. Henri, Que.                       | 84 6   | 19 9   | 7 2   | 101                             | 68   | 7 sc.   | Alex. Morin, St. Henri de Taillon, Que., and Chas. Fortvin, St. Gédéon, Que., I.O.    |
| 134017                                   | St. Ignace                      | Port Arthur                                 | 1889                    | Detroit, Mich., U.S.A.                | 220 0  | 52 3   | 19 0  | 1,476                           | 935  | 218 sc.   | James Whalen, Port Arthur, Ont.   |
| 103290                                   | St. Isidore                     | Chatham, N.B.                               | 1895                    | Chatham, N.B.                         | 96 2   | 23 1   | 5 5   | 142                             | 89   | 31 hp.  | The Prescott Lumber Co., Ltd., New Mills, N.B.  |
| 130537                                   | St. J. Deschaillons             | Montreal                                    | 1910                    | St. Jean des Chaillons, Que.          | 29 5   | 6 0  | 2 8   | 5                               | 2  | 2 sc.   | Atelphes Lemay, St. Jean des Chaillons, Que.  |
| 112007                                   | St. Joe                         | Port Arthur                                 | 1902                    | Port Arthur, Ont.                     | 70 0   | 24 5   | 7 0   | 118                             | 80   | 10 sc.  | The Canadian Towing & Wrecking Co., Ltd., Port Arthur, Ont.                           |
| 122434                                   | St. Joe                         | Sault Ste. Marie                            | 1907                    | Marksville, Ont.                      | 56 5   | 14 4   | 8 0   | 39                              | 27   | 4 sc.   | Thos. J. Scott, Sault Ste. Marie, Ont.  |
| 138465                                   | St. Joe Island Ferry            | Sault Ste. Marie                            | 1919                    | Richard's Landing, Ont.               | 60 0   | 18 0   | 2 1   | 32                              | 24   | 2 sc.   | Geo. W. Langstaff, Richards Landing, Ont.   |
| 88572                                    | St. Julian                      | Kingston                                    | 1884                    | Kingston, Ont.                        | 48 0   | 8 6  | 4 0   | 20                              | 14   | 8 sc.   | J. H. Davis, Gananoque, Ont.  |
| 140926                                   | St. Julien                      | Ottawa                                      | 1917                    | Toronto, Ont.                         | 130 0  | 23 5   | 13 5  | 320                             | 204  | 59 sc.  | The Minister of the Naval Service, Ottawa, Ont.                                       |
| 103942                                   | St. Kilda                       | Chatham, N.B.                               | 1898                    | Chatham, N.B.                         | 65 0   | 18 0   | 4 0   | 56                              | 35   | 16 hp.  | J. B. Snowball Co., Ltd., Chatham, N.B.   |
| 88326                                    | St. Lawrence                    | Chatham, N.B.                               | 1886                    | Quebec, Que.                          | 68 0   | 15 2   | 6 7   | 51                              | 11   | 50 sc.  | T. M. Burns, Bathurst, N.B.   |
| 71716                                    | St. Lawrence                    | Halifax                                     | 1875                    | Renfrew, G.Y., U.S.A.                 | 169 1  | 30 0   | 13 3  | 467                             | 290  | 60 sc.  | The Minister of Public Works, Ottawa, Ont.  |
| 141767                                   | St. Lawrence                    | Montreal                                    | 1884                    | Clayton, N.Y., U.S.A.                 | 154 2  | 26 0   | 7 2   | 275                             | 95   | 34 sc.  | Kingston Navigation Co., Ltd., Kingston, Ont.   |
| 131141                                   | St. Lawrence II                 | Vancouver                                   | 1915                    | Vancouver, B.C.                       | 31 2   | 8 3  | 3 6   | 8                               | 8  | 1 sc.   | Benjamin F. Symmes, New Westminster, B.C.   |
| 71022                                    | St. Louis                       | Montreal                                    | 1875                    | Buffalo, N.Y., U.S.A.                 | 69 4   | 15 8   | 7 2   | 56                              | 35   | 24 sc.  | The Montreal Sand & Gravel Co., Ltd., Montreal, Que.                                  |
| 112900                                   | St. Louis                       | Montreal                                    | 1900                    | Kingston, Ont.                        | 50 0   | 14 0   | 4 4   | 45                              | 24   | 22 sc.  | John F. Sherman, Smith's Falls, Ont.  |
| 80738                                    | St. Louis                       | Quebec                                      | 1880                    | St. Louis, Lotbinière, Que.           | 127 2  | 25 0   | 7 4   | 428                             | 269  | 36 hp.  | Pierre McLean, La Prairie, Que.   |
| 112042                                   | St. Louis de Metabetchouan      | Quebec                                      | 1902                    | Metabetchouan, Que.                   | 51 8   | 12 0   | 4 5   | 30                              | 20   | 2 sc.   | Wm. Price, Quebec, Que.   |
| 111485                                   | St. Maurice                     | Quebec                                      | 1900                    | St. Jacques des Piles, Que.           | 67 0   | 16 0   | 4 7   | 45                              | 30   | 3 sc.   | Johnny Guay, M.O., Lévis, Que.  |



SESSIONAL PAPER No. 22

| Number | Name               | Home Port        | Tonnage | Length | Breadth | Speed | Engine | Remarks  |
|--------|--------------------|------------------|---------|--------|---------|-------|--------|--|
| 141864 | St. Maurice No. 1. | Montreal.        | 39 5    | 10 0   | 3 7     | 24    | 10     | 23 sc... The Minister of Public Works, Ottawa, Ont.                                      |
| 141865 | St. Maurice No. 2. | Montreal.        | 39 6    | 10 0   | 3 2     | 22    | 10     | 24 sc... The Minister of Public Works, Ottawa, Ont.                                      |
| 150341 | St. Maurice No. 3. | Montreal.        | 39 2    | 10 0   | 3 8     | 23    | 9      | 24 sc... The Minister of Public Works, Ottawa, Ont.                                      |
| 150342 | St. Maurice No. 4. | Montreal.        | 38 8    | 10 0   | 3 5     | 22    | 8      | 24 sc... The Minister of Public Works, Ottawa, Ont.                                      |
| 150343 | St. Maurice No. 5. | Montreal.        | 43 9    | 11 1   | 3 8     | 23    | 7      | 24 sc... The Minister of Public Works, Ottawa, Ont.                                      |
| 137909 | St. Michel         | Toronto.         | 251 0   | 43 7   | 26 0    | 2,742 | 1,670  | 146 sc... The Maple Leaf Shipping Co., Limited, Canada Life Bldg., Toronto, Ont.         |
| 92411  | St. Nicholas       | Chatham, N.B.    | 75 2    | 16 6   | 7 7     | 62    | 42     | 103 sc... J. B. Snowball Co., Ltd., Chatham, N.B.  |
| 71623  | St. Peter.         | Montreal.        | 65 6    | 16 1   | 8 6     | 66    | 41     | 103 sc... Harbour Commissioners, Montreal, Que.  |
| 100629 | St. Williams       | Port Dover.      | 26 0    | 9 8    | 3 0     | 11    | 8      | 13 sc... Charles C. Bates, St. Williams, Ont.  |
| 100862 | Ste. Anne.         | Quebec.          | 48 0    | 11 6   | 4 0     | 18    | 11     | 12 pa. E. Gagnon, Ste. Anne de Chacoutimi, Que.  |
| 121924 | Ste. Anne.         | Quebec.          | 77 0    | 22 2   | 5 4     | 100   | 63     | 9 pa. Onésime Tremblay, M.O., Ste. Anne, Que.  |
| 138269 | Ste. Rose.         | Quebec.          | 83 2    | 25 0   | 8 2     | 118   | 94     | 2 sc... Edouard Cote, et al., J.O., Grande Rte, Que.                                     |
| 141728 | Sakaje             | Vancouver.       | 33 5    | 10 2   | 4 2     | 11    | 8      | 1 sc... Meikichi Endo, Kerrisdale, B.C.  |
| 134114 | Sakura             | New Westminster. | 42 0    | 9 8    | 4 5     | 14    | 10     | 1 sc... Soyeman Sato, Ewen Cannery, B.C.   |
| 130710 | Sal Lad.           | Vancouver.       | 44 0    | 13 0   | 5 9     | 26    | 17     | 1 sc... Deserted Bay Logging Co., Ltd., Vancouver Bldg., Vancouver, B.C.                 |
| 133973 | Salmon Chief.      | New Westminster. | 35 6    | 10 0   | 3 2     | 9     | 6      | 1 sc... B.C. Coast Fisheries Ltd., 531 Front St., New Westminster, B.C.                  |
| 134117 | Salmon Prince.     | New Westminster. | 36 0    | 7 8    | 3 1     | 6     | 4      | 1 sc... Alfred J. and Clas. Christianson Monk, New Westminster, B.C.                     |
| 141533 | Salt Spray.        | New Westminster. | 42 4    | 10 9   | 4 7     | 17    | 11     | 13 sc... Kigoro Matsuzaki, Steveston, B.C.   |
| 122554 | Sam. Brisbin.      | Collingwood.     | 47 5    | 11 0   | 4 5     | 26    | 7      | 4 sc... George R. Bancroft, The Pass, Man.   |
| 134463 | Sambro.            | Halifax.         | 55 5    | 14 7   | 7 0     | 45    | 29     | 4 sc... The Halifax Graving Dock Co., Ltd., Halifax, N.S.                                |
| 138158 | Saminda.           | Vancouver.       | 30 6    | 8 5    | 3 2     | 5     | 3      | 1 sc... Wm. B. Baird, Port Moody, B.C.   |
| 116259 | Sampson.           | Toronto.         | 36 0    | 10 0   | 3 4     | 12    | 8      | 2 pa. W. W. Carter, Fesserton, Ont.  |
| 122312 | Samsen.            | Lunenburg.       | 83 0    | 20 5   | 8 6     | 111   | 50     | 33 sc... Tug Samsen, Ltd., 71 Upper Water St., Halifax, N.S.                             |
| 134304 | Samsun.            | New Westminster. | 115 6   | 30 0   | 6 7     | 436   | 227    | 13 pa... The Minister of Public Works, Ottawa, Ont.                                      |
| 130649 | Samsun.            | Ottawa.          | 50 0    | 16 0   | 4 2     | 29    | 18     | 2 pa... The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                             |
| 114629 | Samsun.            | Montreal.        | 82 3    | 20 0   | 5 8     | 87    | 41     | 6 sc... Montreal Sand & Gravel Co., Ltd., Montreal, Que.                                 |
| 126777 | Samuel G.          | Richibucto, N.B. | 37 5    | 11 8   | 5 5     | 14    | 10     | 24 sc... A. and R. Lorge Co., Ltd., Loggieville, N.B.                                    |
| 133915 | Samuel Le Grand.   | Chatham, N.B.    | 39 0    | 12 0   | 5 0     | 18    | 14     | 1 sc... Alexander Rohlechaud, Shippigan, N.B.  |
| 107426 | Samuel Marshall.   | Brookville.      | 198 0   | 33 4   | 14 6    | 772   | 540    | 72 sc... Mrs. Moser Goldberg, Three Rivers, Que., and S. D. Miller, Montreal, Que., J.O. |
| 112194 | Sand Bird          | Chatham, Ont.    | 72 0    | 21 2   | 4 0     | 64    | 43     | 2 sc... Wm. A. Hadley, Chatham, Ont.   |
| 94623  | Sand King          | Montreal.        | 108 0   | 23 8   | 7 2     | 158   | 88     | 40 sc... Wm. Fraser, Montreal, Que.  |
| 103888 | Sandford           | Ottawa.          | 72 4    | 16 5   | 7 5     | 56    | 38     | 60 sc... Standard Chemical Iron & Lumber Company of Canada, Ltd., Toronto, Ont.          |
| 107451 | Sandton            | Vancouver.       | 76 0    | 16 9   | 6 2     | 97    | 66     | 103 sc... Canadian Pacific Railway Co., Montreal, Que.                                   |
| 126781 | Sandia             | New Westminster. | 63 3    | 12 2   | 7 6     | 33    | 22     | 5 sc... The Provincial Secretary for British Columbia, Victoria, B.C.                    |
| 141723 | Sannie             | Vancouver.       | 24 7    | 7 0    | 3 2     | 5     | 3      | 1 sc... Mrs. Eva Brown, M.O., Vancouver, B.C.  |
| 141178 | Sanuki             | New Westminster. | 36 0    | 8 4    | 3 2     | 8     | 6      | 1 sc... Yoshimoto Yokichi, Steveston, B.C.   |
| 141311 | Sanyo              | Vancouver.       | 47 0    | 11 4   | 6 0     | 27    | 17     | 2 sc... Hikotaro Toda, Vancouver, B.C.   |
| 141767 | Sarjip.            | Montreal.        | 68 3    | 15 1   | 4 9     | 42    | 15     | 13 sc... Port Aux Quilles Lumber Co., Ltd., 112 St. James St., Montreal, Que.            |
| 138141 | Sapper             | Toronto.         | 78 0    | 18 0   | 8 0     | 59    | 40     | 11 sc... Roger Miller & Sons, Limited, Toronto, Ont.                                     |
| 96734  | Sarcelle           | Chatham, N.B.    | 51 0    | 11 4   | 5 4     | 22    | 15     | 10 sc... J. W. Brankley, Chatham, N.B.   |
| 96853  | Sarnia             | Port Arthur.     | 66 8    | 21 0   | 11 0    | 85    | 58     | 26 sc... The Canadian Towing & Wrecking Co., Ltd., Port Arthur, Ont.                     |
| 120227 | Sarnia City        | Sarnia.          | 105 0   | 25 5   | 12 0    | 63    | 34     | 84 sc... Reid Towing & Wrecking Co., Ltd., Sarnia, Ont.                                  |
| 134011 | Sarnia             | Port Arthur.     | 331 8   | 41 5   | 22 0    | 2,656 | 1,710  | 146 sc... Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                |

\*Formerly "Isobel." \*Formerly "Halley's Comet." \*Formerly "Harry Bate." \*Formerly "Falcona." \*Formerly "Chilli." \*Cable.

ALPHABETICAL List of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—Abréviations: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Paddle—à aubes; Sc., Screw—à hélice. © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in Italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No.<br>N° officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Cons-<br>truit<br>en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pied et 10 <sup>es</sup> . | Breadth in feet and 10ths.<br>Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths.<br>Profondeur en pieds et 10 <sup>es</sup> . | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Poussée des machines en e. v. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|------------------------------|---------------------------------|---|--------------------------------|---------------------------------------|---|--|---|---------------------------------|--|---|---|
| 134515                       | Sarnolite ©                     | Sarnia                                      | 1916                           | Collingwood, Ont.                     | 250 0   | 43 1   | 16 6  | 2,060                           | 1,549                                      | 95 sc.  | The Imperial Oil Ltd., Sarnia, Ont.   |
| 133824                       | Sarnor                          | Montreal                                    | 1888                           | West Bay City, Mich., U.S.A.          | 227 6   | 36 0   | 21 3  | 1,319                           | 1,152                                      | 79 sc.  | Frederick R. Johnson, Port Colborne, Ont.   |
| 122061                       | Sarto                           | Montreal                                    | 1896                           | Marine City, Mich., U.S.A.            | 56 5  | 8 6  | 8 1   | 1798                            | 11   | 6 sc.   | Jean J. Crote, Grandes Piles, Que.  |
| 123965                       | Saskatoon                       | Montreal                                    | 1905                           | Sunderland, G.B.                      | 250 2   | 42 8   | 16 4  | 1798                            | 1148                                       | 122 sc.   | Canadian Maritime Co., Ltd., 179 St. James St., Montreal, Que.                        |
| 134316                       | Satisfaction                    | Kenora                                      | 1912                           | Fort Frances, Ont.                    | 40 0  | 11 8   | 3 2   | 18                              | 12   | 2 sc.   | Ontario & Minnesota Power Co., Ltd., Fort Frances, Ont.                               |
| 137957                       | Satsuma                         | Vancouver                                   | 1915                           | Vancouver, B.C.                       | 37 0  | 9 7  | 4 6   | 12                              | 8  | 1 sc.   | Howard M. Fraser, New Westminster, B.C.   |
| 100890                       | Saucy Lass                      | Victoria                                    | 1893                           | Victoria, B.C.                        | 57 4  | 19 8   | 8 2   | 42                              | 24   | 2 sc.   | Victor Jacobson, Victoria, B.C.   |
| 141553                       | Saul                            | Vancouver                                   | 1915                           | Elburne, B.C.                         | 33 4  | 8 7  | 4 2   | 9                               | 6  | 1 1/2 sc.   | Sokichi Kadonaga, Elburne, B.C.   |
| 129455                       | Sault St. Louis                 | Montreal                                    | (1920)                         | Sorel, Que.                           | 98 3  | 22 3   | 7 8   | 202                             | 124  | 16 sc.  | La Traversée de Oughnawaga Limitee, 404b St. Joseph St., Lachine, Que.                |
| 137958                       | Sautch                          | Vancouver                                   | 1915                           | Vancouver, B.C.                       | 30 2  | 8 8  | 3 5   | 4                               | 3  | 1 sc.   | Albert E. Mann, Vancouver, B.C.   |
| 134335                       | Sauvagarde                      | Chatham, N.B.                               | 1914                           | Larnek, N.B.                          | 37 0  | 10 8   | 5 8   | 13                              | 11   | 1 sc.   | Peter B. Savoy, M.O., Larnak, N.B.  |
| 134242                       | Say When                        | Toronto                                     | 1914                           | Hamilton, Ont.                        | 38 0  | 10 0   | 4 0   | 12                              | 8  | 1 sc.   | Edwin Leavitt, Belleville, Ont.   |
| 133838                       | Scamper                         | Lancaster                                   | 1917                           | Tanook, N.S.                          | 41 8  | 10 7   | 5 6   | 12                              | 11   | 1 sc.   | Lindsay Publicover, Blandford, N.S.   |
| 141301                       | Scallop                         | Vancouver                                   | 1918                           | Elburne, B.C.                         | 29 1  | 8 9  | 3 8   | 9                               | 6  | 1 sc.   | Wm. Smith and Guy G. Bayne, J.O., Vancouver, B.C.                                     |
| 141315                       | Scenic                          | Vancouver                                   | 1908                           | Anacortes, Wash., U.S.A.              | 69 5  | 14 6   | 6 1   | 51                              | 33   | 6 1/2 sc.   | Vancouver-Port Moody Ferries, Limited, 748-744 Hastings St., W. Vancouver, B.C.       |
| 112231                       | Sciounda                        | St. John, N.B.                              | 1887                           | Atheus, N.Y., U.S.A.                  | 92 9  | 17 6   | 8 9   | 78                              | 53   | 19 sc.  | Alphonse Noel, Moncton, Que.  |
| 126450                       | Scona                           | Kenora                                      | 1910                           | Strathcona, Alta.                     | 120 0   | 22 0   | 4 0   | 114                             | 72   | 4 pa.   | John Walker, Ltd., Edmonton, Alta.  |
| 107463                       | Scotch Lassie                   | Halifax                                     | 1894                           | Lindsay, Ont.                         | 25 3  | 5 0  | 2 0   | 2                               | 1  | 2 sc.   | Jas. C. Appleby, Lindsay, Ont.  |
| 122423                       | Scotia                          | Halifax                                     | 1907                           | Mahone Bay, N.S.                      | 138 8   | 26 8   | 9 6   | 376                             | 268  | 52 sc.  | Halifax & Canso Steamship Co., Ltd., Halifax, N.S.                                    |
| 107829                       | Scotia                          | Victoria                                    | 1899                           | Atlin Lake, B.C.                      | 80 0  | 19 0   | 3 5   | 214                             | 135  | 4 pa.   | British Yukon Navigation Co., Ltd., 589 Granville St., Vancouver, B.C.                |
| 118658                       | Scotia I.                       | Ottawa                                      | 1901                           | Walker-on-Tyne, G.B.                  | 254 0   | 46 2   | 16 5  | 1,461                           | 568  | 285 sc.   | The Minister of Railways and Canals, Ottawa, Ont.                                     |
| 128909                       | Scotsburn                       | Halifax                                     | 1910                           | Mahone Bay, N.S.                      | 116 8   | 22 2   | 9 9   | 224                             | 119  | 32 sc.  | The Halifax & Glace Bay Steamship Co., Ltd., Halifax, N.S.                            |
| 116114                       | Scotsman                        | Halifax                                     | 1903                           | Hull, G.B.                            | 98 0  | 19 0   | 9 7   | 141                             | 12   | 54 sc.  | The All Seas Marine & Salvage Company, Limited, 101 Leadenhall St., London, G.B.      |
| 116331                       | Scotsman                        | Ottawa                                      | 1903                           | Ottawa, Ont.                          | 108 0   | 23 6   | 7 0   | 265                             | 114  | 16 sc.  | Ottawa Transportation Co., Ltd., Ottawa, Ont.   |
| 130682                       | Scotty                          | New Westminster                             | 1909                           | Stoveston, B.C.                       | 34 4  | 8 1  | 3 2   | 13                              | 9  | 1 sc.   | Donald Burgess, South Vancouver, B.C.   |
| 112396                       | Scout                           | Ottawa                                      | 1900                           | Cardinal, Ont.                        | 103 6   | 25 6   | 9 2   | 176                             | 70   | 12 sc.  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |

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Table with columns for ship name, origin, date, and other details. Includes entries like '120680 Scowitz', '141280 Serub', '14634 Scudder', etc., listing various vessels and their specifications.

Foreign name "Britannic," a recovered wreck. Formerly "Alma." Formerly "Vienna." Foreign name "Zephr P." Formerly "Bernaud." Foreign name "Tacon." Formerly "Scotia." Foreign name "R-Tis-3."

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—Abbréviations: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Paddle—à aubes; Sc., Screw—à hélice.  
 © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vapeurs à moteurs sont en *italiques*.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Constructé en | Where Built.<br>Lieu de construction. | Length in feet and 10ths. | Breadth in feet and 10ths. | Depth in feet and 10ths. | Gross Tonnage. | Registered Tonnage. | H.P. of Engines and Mode of Propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|-------------------------|---------------------------------------|---------------------------|----------------------------|--------------------------|----------------|---------------------|---|---|
| 90897        | Shamrock                        | Vancouver                                   | 1887                    | Vancouver, B.C.                       | 76 0                      | 19 0                       | 7 0                      | 90             | 61                  | 19 sc...                                | Mrs. Wm. H. Whalen and Mrs. Geo. P. Challenger, Vancouver, B.C.                       |
| 122532       | Shamrock                        | Vancouver                                   | 1907                    | Vancouver, B.C.                       | 35 7                      | 10 0                       | 4 0                      | 16             | 11                  | 1 sc...                                 | A. M. Whiteside, Vancouver, B.C.  |
| 116416       | Shamrock                        | Victoria                                    | 1904                    | Victoria, B.C.                        | 52 0                      | 10 0                       | 4 5                      | 24             | 14                  | 2 sc...                                 | Donald Burgess, Port Alberni, B.C.  |
| 122533       | Shamrock II                     | Kingston                                    | 1907                    | Kingston, Ont.                        | 45 4                      | 9 2                        | 3 9                      | 10             | 6                   | 4 sc...                                 | Robert Johnson, Port Carling, Ont.  |
| 126269       | Shanley                         | Kingston                                    | 1908                    | Parry Sound, Ont.                     | 53 5                      | 14 5                       | 6 2                      | 50             | 19                  | 4 sc...                                 | John F. Sowards, Kingston, Ont.   |
| 83199        | Shannon                         | Halifax                                     | 1886                    | Pictou, N.S.                          | 76 9                      | 17 5                       | 8 0                      | 75             | 51                  | 29 sc...                                | The Halifax Dredging Co., Ltd., Halifax, N.S.   |
| 130474       | Shant-Alice                     | Lanenburg                                   | 1908                    | Tanook, N.S.                          | 42 2                      | 10 3                       | 5 3                      | 11             | 10                  | 1 sc...                                 | Robert Wright, Blue Rocks, N.S.   |
| 138671       | Shawatlins                      | Prince Rupert                               | 1917                    | Prince Rupert, B.C.                   | 32 0                      | 7 7                        | 3 4                      | 8              | 6                   | 1 sc...                                 | Frank M. Davis, Prince Rupert, B.C.   |
| 129526       | Sheba                           | Ottawa                                      | 1912                    | Sunderland, G.B.                      | 299 0                     | 40 7                       | 17 8                     | 2,268          | 1,341               | 222 sc...                               | The Minister of Railways and Canals, Ottawa, Ont.                                     |
| 130751       | Shebena                         | Vancouver                                   | 1911                    | Hong Kong                             | 52 8                      | 12 6                       | 4 8                      | 35             | 23                  | 31 sc...                                | Gordon Farrell, Vancouver, B.C.   |
| 134346       | Sheldon                         | Montreal                                    | 1910                    | St. Hilaire, Que.                     | 40 6                      | 8 8                        | 7 4                      | 13             | 9                   | 1 sc...                                 | William Jennings, Montreal, Que.  |
| 141115       | Shedditch                       | Vancouver                                   | 1916                    | N. Vancouver, B.C.                    | 31 8                      | 8 2                        | 2 9                      | 6              | 4                   | 3 sc...                                 | John B. Anos, Hurlbaldown Island, B.C.  |
| 103809       | Shemogic                        | Pictou, N.S.                                | 1913                    | Brule, N.S., U.S.A.                   | 59 0                      | 17 6                       | 5 5                      | 34             | 16                  | 2 sc...                                 | Shemogic Oyster Co., Ltd., Shemogue, N.B.   |
| 138685       | Sherman                         | Prince Rupert                               | 1915                    | Seattle, Wash., U.S.A.                | 39 0                      | 12 0                       | 4 5                      | 19             | 13                  | 12 sc...                                | Jas. Wood, Prince Rupert, B.C.  |
| 130958       | Shimne                          | Lanenburg                                   | 1912                    | Tanook, N.S.                          | 47 2                      | 13 0                       | 7 0                      | 23             | 21                  | 1 sc...                                 | Alcide Goyette, Arichat, N.S.   |
| 130762       | Shibley                         | Kingston                                    | 1912                    | Pictou, Ont.                          | 40 2                      | 10 0                       | 4 4                      | 12             | 11                  | 3 sc...                                 | Jacob B. Howell, Bath, Ont.   |
| 126472       | Shiloh                          | Halifax                                     | 1909                    | Tanook, N.S.                          | 46 2                      | 12 6                       | 5 9                      | 23             | 22                  | 3 sc...                                 | Charles A. Mosher, Canso, N.S.  |
| 133732       | Shimogel                        | Vancouver                                   | 1913                    | Vancouver, B.C.                       | 67 6                      | 14 6                       | 5 8                      | 43             | 29                  | 4 sc...                                 | The Packers Steamship Co., Ltd., Vancouver, B.C.                                      |
| 130693       | Shippagan & Best                | Chatham, N.B.                               | 1912                    | Shippagan, N.B.                       | 43 0                      | 15 0                       | 4 8                      | 13             | 10                  | 11 sc...                                | W. S. Loggie Co., Ltd., Chatham, N.B.   |
| 116225       | Shirley                         | Quebec                                      | 1903                    | Bic, Que.                             | 54 6                      | 10 0                       | 5 9                      | 37             | 25                  | 11 sc...                                | Lachance Limite, 105 Dalhousie St., Quebec, Que.                                      |
| 141713       | Shoely                          | Vancouver                                   | 1920                    | Vancouver, B.C.                       | 42 6                      | 13 2                       | 6 1                      | 27             | 23                  | 2 sc...                                 | J. A. Stillar, Callender, Ont.  |
| 103640       | Shoofy                          | Ottawa                                      | 1893                    | Sundridge, Ont.                       | 35 0                      | 9 0                        | 3 0                      | 10             | 8                   | 2 sc...                                 | Senosuke Nishi, New Westminster, B.C.   |
| 134130       | Shuchona                        | New Westminster                             | 1914                    | Steveston, B.C.                       | 37 6                      | 8 6                        | 4 2                      | 9              | 6                   | 1 sc...                                 | Matsui Tanaka, Steveston, B.C.  |
| 141715       | Shuchona II                     | Vancouver                                   | 1920                    | Vancouver, B.C.                       | 45 7                      | 12 6                       | 5 3                      | 27             | 18                  | 2 sc...                                 | Motokichi Tanaka, Steveston, B.C.   |
| 134432       | Shusharte                       | Vancouver                                   | 1916                    | Gig Harbour, Wash., U.S.A.            | 48 4                      | 14 1                       | 6 0                      | 31             | 21                  | 3 sc...                                 | Western Packers Ltd., 1414 Standard Bank Bldg., Vancouver, B.C.                       |
| 193230       | Shuswap                         | Vancouver                                   | 1888                    | Astoria, Ore., U.S.A.                 | 46 5                      | 13 3                       | 5 0                      | 33             | 22                  | 7 sc...                                 | Thomas Cooper, New Westminster, B.C.  |
| 126556       | Siata                           | Vancouver                                   | 1908                    | Vancouver, B.C.                       | 28 3                      | 8 0                        | 2 7                      | 7              | 5                   | 3 sc...                                 | Chas. Nelson, Victoria, B.C.  |
| 124276       | Siata                           | Victoria                                    | 1914                    | Okanagan Landing, B.C.                | 209 5                     | 40 0                       | 8 0                      | 1,787          | 994                 | 101 ps...                               | Canadian Pacific Railway Co., Montreal, Que.  |
| 92391        | Siesta                          | Deseronto                                   | 1888                    | Kingston, Ont.                        | 51 0                      | 8 1                        | 3 8                      | 9              | 7                   | 1 sc...                                 | Clark Sonsabaugh, Lion's Head, Ont.   |
| 197068       | Siesta                          | Sault Ste. Marie                            | 1882                    | Lion's Head, Ont.                     | 98 6                      | 17 0                       | 9 0                      | 99             | 67                  | 14 sc...                                | Hon. Wm. H. Bennett and Mrs. Margaret A. Bennett, Midland, Ont.                       |

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| 1888  | Toronto, Ont. | 1893  | Toronto, Ont. | 1900  | Toronto, Ont. | 1907  | Toronto, Ont. | 1912  | Toronto, Ont. | 1918  | Toronto, Ont. | 1920  | Toronto, Ont. | 1925  | Toronto, Ont. | 1930  | Toronto, Ont. | 1935  | Toronto, Ont. | 1940  | Toronto, Ont. | 1945  | Toronto, Ont. | 1950  | Toronto, Ont. | 1955  | Toronto, Ont. | 1960  | Toronto, Ont. | 1965  | Toronto, Ont. | 1970  | Toronto, Ont. | 1975  | Toronto, Ont. | 1980  | Toronto, Ont. | 1985  | Toronto, Ont. | 1990  | Toronto, Ont. | 1995  | Toronto, Ont. | 2000  | Toronto, Ont. |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |       |        |
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| 92737 | Siesta        | 92738 | Siesta        | 92739 | Siesta        | 92740 | Siesta        | 92741 | Siesta        | 92742 | Siesta        | 92743 | Siesta        | 92744 | Siesta        | 92745 | Siesta        | 92746 | Siesta        | 92747 | Siesta        | 92748 | Siesta        | 92749 | Siesta        | 92750 | Siesta        | 92751 | Siesta        | 92752 | Siesta        | 92753 | Siesta        | 92754 | Siesta        | 92755 | Siesta        | 92756 | Siesta        | 92757 | Siesta        | 92758 | Siesta        | 92759 | Siesta        | 92760 | Siesta | 92761 | Siesta | 92762 | Siesta | 92763 | Siesta | 92764 | Siesta | 92765 | Siesta | 92766 | Siesta | 92767 | Siesta | 92768 | Siesta | 92769 | Siesta | 92770 | Siesta | 92771 | Siesta | 92772 | Siesta | 92773 | Siesta | 92774 | Siesta | 92775 | Siesta | 92776 | Siesta | 92777 | Siesta | 92778 | Siesta | 92779 | Siesta | 92780 | Siesta | 92781 | Siesta | 92782 | Siesta | 92783 | Siesta | 92784 | Siesta | 92785 | Siesta | 92786 | Siesta | 92787 | Siesta | 92788 | Siesta | 92789 | Siesta | 92790 | Siesta | 92791 | Siesta | 92792 | Siesta | 92793 | Siesta | 92794 | Siesta | 92795 | Siesta | 92796 | Siesta | 92797 | Siesta | 92798 | Siesta | 92799 | Siesta | 92800 | Siesta | 92801 | Siesta | 92802 | Siesta | 92803 | Siesta | 92804 | Siesta | 92805 | Siesta | 92806 | Siesta | 92807 | Siesta | 92808 | Siesta | 92809 | Siesta | 92810 | Siesta | 92811 | Siesta | 92812 | Siesta | 92813 | Siesta | 92814 | Siesta | 92815 | Siesta | 92816 | Siesta | 92817 | Siesta | 92818 | Siesta | 92819 | Siesta | 92820 | Siesta | 92821 | Siesta | 92822 | Siesta | 92823 | Siesta | 92824 | Siesta | 92825 | Siesta | 92826 | Siesta | 92827 | Siesta | 92828 | Siesta | 92829 | Siesta | 92830 | Siesta | 92831 | Siesta | 92832 | Siesta | 92833 | Siesta | 92834 | Siesta | 92835 | Siesta | 92836 | Siesta | 92837 | Siesta | 92838 | Siesta | 92839 | Siesta | 92840 | Siesta | 92841 | Siesta | 92842 | Siesta | 92843 | Siesta | 92844 | Siesta | 92845 | Siesta | 92846 | Siesta | 92847 | Siesta | 92848 | Siesta | 92849 | Siesta | 92850 | Siesta | 92851 | Siesta | 92852 | Siesta | 92853 | Siesta | 92854 | Siesta | 92855 | Siesta | 92856 | Siesta | 92857 | Siesta | 92858 | Siesta | 92859 | Siesta | 92860 | Siesta | 92861 | Siesta | 92862 | Siesta | 92863 | Siesta | 92864 | Siesta | 92865 | Siesta | 92866 | Siesta | 92867 | Siesta | 92868 | Siesta | 92869 | Siesta | 92870 | Siesta | 92871 | Siesta | 92872 | Siesta | 92873 | Siesta | 92874 | Siesta | 92875 | Siesta | 92876 | Siesta | 92877 | Siesta | 92878 | Siesta | 92879 | Siesta | 92880 | Siesta | 92881 | Siesta | 92882 | Siesta | 92883 | Siesta | 92884 | Siesta | 92885 | Siesta | 92886 | Siesta | 92887 | Siesta | 92888 | Siesta | 92889 | Siesta | 92890 | Siesta | 92891 | Siesta | 92892 | Siesta | 92893 | Siesta | 92894 | Siesta | 92895 | Siesta | 92896 | Siesta | 92897 | Siesta | 92898 | Siesta | 92899 | Siesta | 92900 | Siesta | 92901 | Siesta | 92902 | Siesta | 92903 | Siesta | 92904 | Siesta | 92905 | Siesta | 92906 | Siesta | 92907 | Siesta | 92908 | Siesta | 92909 | Siesta | 92910 | Siesta | 92911 | Siesta | 92912 | Siesta | 92913 | Siesta | 92914 | Siesta | 92915 | Siesta | 92916 | Siesta | 92917 | Siesta | 92918 | Siesta | 92919 | Siesta | 92920 | Siesta | 92921 | Siesta | 92922 | Siesta | 92923 | Siesta | 92924 | Siesta | 92925 | Siesta | 92926 | Siesta | 92927 | Siesta | 92928 | Siesta | 92929 | Siesta | 92930 | Siesta | 92931 | Siesta | 92932 | Siesta | 92933 | Siesta | 92934 | Siesta | 92935 | Siesta | 92936 | Siesta | 92937 | Siesta | 92938 | Siesta | 92939 | Siesta | 92940 | Siesta | 92941 | Siesta | 92942 | Siesta | 92943 | Siesta | 92944 | Siesta | 92945 | Siesta | 92946 | Siesta | 92947 | Siesta | 92948 | Siesta | 92949 | Siesta | 92950 | Siesta | 92951 | Siesta | 92952 | Siesta | 92953 | Siesta | 92954 | Siesta | 92955 | Siesta | 92956 | Siesta | 92957 | Siesta | 92958 | Siesta | 92959 | Siesta | 92960 | Siesta | 92961 | Siesta | 92962 | Siesta | 92963 | Siesta | 92964 | Siesta | 92965 | Siesta | 92966 | Siesta | 92967 | Siesta | 92968 | Siesta | 92969 | Siesta | 92970 | Siesta | 92971 | Siesta | 92972 | Siesta | 92973 | Siesta | 92974 | Siesta | 92975 | Siesta | 92976 | Siesta | 92977 | Siesta | 92978 | Siesta | 92979 | Siesta | 92980 | Siesta | 92981 | Siesta | 92982 | Siesta | 92983 | Siesta | 92984 | Siesta | 92985 | Siesta | 92986 | Siesta | 92987 | Siesta | 92988 | Siesta | 92989 | Siesta | 92990 | Siesta | 92991 | Siesta | 92992 | Siesta | 92993 | Siesta | 92994 | Siesta | 92995 | Siesta | 92996 | Siesta | 92997 | Siesta | 92998 | Siesta | 92999 | Siesta | 93000 | Siesta |

<sup>1</sup>Formerly "Mamie."

<sup>2</sup>Formerly a sailing vessel.

<sup>3</sup>Foreign name "Dreadnaught."

<sup>4</sup>Foreign name "Volga."

<sup>5</sup>Formerly "Roy Tan" and "Pacific."

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—Abréviations: **J.O.**, Joint Owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **P.a.**, Paddle—aubes; **St.**, Screw—à hélice. © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vapeurs à moteurs sont en *italiques*.

| Official No. | Name of Ship<br>Nom du navire | Port of Registry<br>Port d'enregistrement | Built<br>Construit | Where Built<br>Lieu de construction | Length in feet and 10ths.<br>Longueur en pieds et 10 <sup>es</sup> . | Breadth in feet and 10ths.<br>Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths.<br>Profondeur en pieds et 10 <sup>es</sup> . | Gross Tonnage<br>Tonnage brut | Registered Tonnage<br>Tonnage enregistré | H.P. of Engines and Mode of Propulsion<br>Puissance des machines en c.v. et mode de propulsion | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|-------------------------------|---|--------------------|-------------------------------------|--|--|---|-------------------------------|--|--|---|
| 133700       | <i>Somass Queen</i>           | Victoria                                  | 1912               | Port Alberni, B.C.                  | 36 5   | 9 0  | 5 5   | 11                            | 7  | 1 sc.  | William A. Stevens and Edward L. Thompson, J.O., Alberni, B.C.                        |
| 130884       | <i>Sombrio Queen</i>          | Victoria                                  | 1911               | Victoria, B.C.                      | 36 0   | 8 6  | 4 6   | 8                             | 4  | 13 sc.   | Charles I. Allen, Mary Island, B.C.   |
| 126633       | <i>Sonamo</i>                 | Vancouver                                 | 1909               | Steveston, B.C.                     | 33 3   | 7 8  | 3 9   | 10                            | 7  | 1 sc.  | Alexander Meunas, Vancouver, B.C.   |
| 107743       | <i>Soncio</i>                 | Kingston                                  | 1900               | Kingston, Ont.                      | 46 0   | 10 0   | 3 8   | 14                            | 9  | 5 sc.  | J. B. Tudhope, Orillia, Ont.  |
| 130548       | <i>Songhee</i>                | Vancouver                                 | 1911               | Vancouver, B.C.                     | 49 6   | 14 0   | 5 0   | 26                            | 18                                       | 13 sc.   | William S. Holland, Vancouver, B.C.   |
| 117111       | <i>Sonoma</i>                 | Vancouver                                 | 1905               | Vancouver, B.C.                     | 46 5   | 11 0   | 4 6   | 19                            | 13                                       | 3 sc.  | George H. Bueck, Vancouver, B.C.  |
| 133877       | <i>Sonrisa</i>                | Vancouver                                 | 1913               | Vancouver                           | 72 9   | 16 0   | 6 2   | 57                            | 39                                       | 5 sc.  | The Corporation of the District of West Vancouver, B.C.                               |
| 126240       | <i>Sooke</i>                  | Victoria                                  | 1913               | Vancouver, B.C.                     | 29 3   | 8 3  | 3 0   | 8                             | 4  | 1 sc.  | Adison E. Hatch, Victoria, B.C.   |
| 134434       | <i>Sophana</i>                | Vancouver                                 | 1915               | Vancouver, B.C.                     | 34 0   | 8 2  | 3 4   | 7                             | 5  | 1 sc.  | Alfred McKinnell, Vancouver, B.C.   |
| 126793       | <i>Sorax</i>                  | New Westminster                           | 1910               | Elburne, B.C.                       | 28 5   | 7 9  | 2 5   | 6                             | 4  | 2 sc.  | Hector R. Andrews, Elburne, B.C.  |
| 111781       | <i>Sorven</i>                 | Victoria                                  | 1902               | Galiano Is., B.C.                   | 22 0   | 5 3  | 2 5   | 2                             | 2  | 1 sc.  | J. Cathcart, Chemainus, B.C., and R. M. Colvin, Cowichan, B.C.                        |
| 126149       | <i>Soulanges</i>              | Montreal                                  | 1909               | Notre Dame de Pierrrevillo, Que.    | 120 2  | 32 0   | 6 4   | 383                           | 274                                      | 37 pa.   | Louis Dugre, Montreal, Que.   |
| 133865       | <i>Soumité</i>                | Quebec                                    | 1913               | Elburne, B.C.                       | 41 0   | 8 6  | 3 6   | 11                            | 7  | 1 sc.  | Goro Yamasaki, Elburne, B.C.  |
| 88314        | <i>South</i>                  | Quebec                                    | 1885               | Levis, Que.                         | 130 3  | 25 2   | 9 5   | 349                           | 220                                      | 30 pa.   | The Quebec & Levis Ferry Co., Ltd., Quebec, Que.                                      |
| 141857       | <i>South American</i>         | Montreal                                  | 1920               | Bridgeburg, Ont.                    | 251 0  | 43 6   | 20 5  | 2,272                         | 1,399                                    | 146½ sc.   | South American Steamship Co., Ltd., 6 Adelaide St. E., Toronto, Ont.                  |
| 107499       | <i>Souvenir</i>               | Quebec                                    | 1897               | Quebec, Que.                        | 17 5   | 4 6  | 2 2   | 1                             | 1  | 2 sc.  | E. Raehl, Quebec, Que.  |
| 112280       | <i>Souvenir</i>               | Digby                                     | 1903               | Meteghan, N.S.                      | 61 0   | 17 0   | 6 3   | 33                            | 30                                       | 3 sc.  | Lyman H. Outhouse, Beaver Harbour, N.B.   |
| 126221       | <i>Sowards</i>                | Toronto                                   | 1888               | Manitowac, Wis., U.S.A.             | 119 6  | 25 4   | 9 2   | 238                           | 148                                      | 13 sc.   | Hugh McMillan, Toronto, Ont.  |
| 130457       | <i>Soyé</i>                   | New Westminster                           | 1911               | Steveston, B.C.                     | 33 2   | 8 0  | 3 4   | 6                             | 4  | 3 sc.  | Peter Byrne, Lulu Island, B.C.  |
| 107611       | <i>Spanish Ranger</i>         | Ottawa                                    | 1893               | Biscotasing, Ont.                   | 36 0   | 16 0   | 3 4   | 13                            | 7  | 20 pa.   | R. Booth and P. Shannon, Pembroke, Ont.   |
| 90561        | <i>Sparrow</i>                | Toronto                                   | 1882               | Dechesno Creek, Ont.                | 56 4   | 13 9   | 5 6   | 38                            | 16                                       | 8 sc.  | John B. Smith, <i>et al.</i> , Toronto, Ont.  |
| 92726        | <i>Spartan</i>                | Toronto                                   | 1887               | Toronto, Ont.                       | 28 0   | 6 6  | 3 0   | 2                             | 2  | 1 sc.  | Edwyn B. Andros, Barrie, Ont.   |
| 104020       | <i>Speedy H.</i>              | Ottawa                                    | 1896               | Leith, G.B.                         | 115 0  | 20 6   | 10 6  | 252                           | 145                                      | 88 sc.   | Thomas M. Kirkwood, Montreal, Que.  |
| 130531       | <i>Speedy</i>                 | Montreal                                  | 1909               | Laehine, Que.                       | 24 5   | 5 4  | 2 2   | 2                             | 2  | 1 sc.  | Joseph A. Brunet, Montreal, Que.  |
| 103475       | <i>SP pinariff</i>            | Victoria                                  | 1895               | Victoria, B.C.                      | 40 0   | 14 8   | 4 9   | 19                            | 10                                       | 3 sc.  | August Alexander, Victoria, B.C.  |
| 122628       | <i>Splash</i>                 | Chatham, N.B.                             | 1908               | Chatham, N.B.                       | 31 0   | 10 0   | 2 0   | 18                            | 12                                       | ½ pa.  | Miramichi Dredging Co., Ltd., Newcastle, N.B.   |
| 103666       | <i>Sport</i>                  | Kenora                                    | 1897               | Kenora, Ont.                        | 36 0   | 8 0  | 4 0   | 16                            | 12                                       | 1 sc.  | Albert J. Dusaner, Kenora, Ont.   |

SESSIONAL PAPER No. 22

Table with columns: Name, Type, Port of Origin, Tonnage, Date, and Agent. Lists various steam vessels such as Sporting Chance, Sprague, Spray, Stanley, etc., along with their respective details.

12Formerly "Louisville." 13Formerly "Rand." 14Formerly "Columbia." 15Formerly a sailing vessel. 16Formerly "Collings." 17Formerly a sailing vessel and "Iwo Brothers." 18Formerly "D and G". 19Formerly "Eagle."

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—Abréviations: **J.O.**, Joint Owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **P.**, Paddle—à aubes; **S.C.**, Screw—à hélice.   
 ©Equipped with Wireless—Muni de la T. S. F.—Names of Motor Vessels in *italics*—Les noms des vapeurs à moteurs sont en *italiques*.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Cons-<br>truit<br>en | Where Built.<br>Lieu de construction. | Length in feet and 10ths. | Breadth in feet and 10ths. | Depth in feet and 10ths. | Gross Tonnage. | Registered Tonnage. | H.P. of Engines and Mode of Propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse.  |
|--------------|---------------------------------|---|--------------------------------|---------------------------------------|---------------------------|----------------------------|--------------------------|----------------|---------------------|---|--|
| 122507       | <i>Subram</i>                   | Victoria                                    | 1907                           | Vancouver, B.C.                       | 41 0                      | 11 3                       | 5 0                      | 23             | 15                  | 14 sc.                                  | Veteran Products Co., Ltd., 315-316 Central Bldg, Victoria, B.C.                       |
| 96992        | Sunbury                         | New Westminster                             | 1891                           | New Westminster, B.C.                 | 60 0                      | 12 6                       | 4 8                      | 38             | 26                  | 3 pa.                                   | The Sifton Sand & Gravel Co., Ltd., Vancouver, B.C.                                    |
| 141277       | <i>Suzise I</i>                 | Prince Rupert                               | 1920                           | Skeena City, B.C.                     | 40 0                      | 11 3                       | 6 0                      | 23             | 12                  | 13 sc.                                  | Samoski Lymn, Skeena City, B.C.  |
| 111991       | Superior                        | Vancouver                                   | 1901                           | Ladners, B.C.                         | 37 0                      | 14 0                       | 7 3                      | 44             | 30                  | 10 sc.                                  | Mathias Mathieson, et al., Victoria, B.C.  |
| 122413       | <i>Supply No. 3</i>             | Midland                                     | 1907                           | Midland, Ont.                         | 29 0                      | 8 0                        | 3 0                      | 11             | 7                   | 3 sc.                                   | The Playfair Preston Co., Ltd., Midland, Ont.  |
| 141150       | <i>Supreme No. 1</i>            | Victoria                                    | 1917                           | Gig Harbor, Wash., U.S.A.             | 55 0                      | 15 4                       | 6 9                      | 39             | 18                  | 3 sc.                                   | The Stratton Fish Co., Limited, Nanaimo, B.C.  |
| 122556       | Surety                          | Collingwood                                 | 1904                           | Meaford, Ont.                         | 36 9                      | 8 7                        | 2 5                      | 6              | 4                   | 3 sc.                                   | William H. Burkholder, Sault Ste. Marie, Ont.  |
| 111824       | Surprise                        | Vancouver                                   | 1901                           | Vancouver, B.C.                       | 73 7                      | 17 4                       | 6 5                      | 75             | 51                  | 13 sc.                                  | The Packers Steamship Co., Ltd., Vancouver, B.C.                                       |
| 131212       | <i>Susbell</i>                  | Vancouver, N.S.                             | 1907                           | Sydney, N.S.                          | 35 0                      | 8 2                        | 4 1                      | 8              | 6                   | 8 sc.                                   | William A. Pritch, Sydney, N.S.  |
| 107669       | Susco                           | Montreal                                    | 1901                           | Farrboro', N.S.                       | 37 5                      | 13 5                       | 5 1                      | 27             | 16                  | 3 sc.                                   | Mrs. Helen M. Plummer, Montreal, Que.  |
| 117037       | Susie Kennedy                   | Sault Ste. Marie                            | 1904                           | Penetanguishene, Ont.                 | 27 5                      | 7 8                        | 2 8                      | 4              | 3                   | 3 sc.                                   | Martin Burton, Barrie, Ont.  |
| 100274       | <i>Suzie W</i>                  | Vancouver                                   | 1892                           | Badis Harbour, N.S.                   | 52 0                      | 18 0                       | 6 8                      | 40             | 26                  | 1 sc.                                   | D. E. Cheney, et al., Little River, N.S.   |
| 131158       | <i>Suzie W</i>                  | Vancouver                                   | 1910                           | Seattle, Wash., U.S.A.                | 46 0                      | 11 4                       | 5 2                      | 20             | 14                  | 1 sc.                                   | The Rat Portage Lumber Co., Ltd., St. Boniface, Man.                                   |
| 133707       | <i>Suzie</i>                    | Victoria                                    | 1912                           | Hong Kong                             | 43 0                      | 11 3                       | 7 3                      | 21             | 14                  | 1 sc.                                   | John O'Neill Hayes, Cadboro Bay, B.C.  |
| 92753        | Swallow                         | Quebec                                      | 1882                           | Quebec, Que.                          | 23 5                      | 4 3                        | 3 3                      | 9              | 6                   | 20 sc.                                  | The News Pulp & Paper Co., Ltd., 263 St. James St., Montreal, Que.                     |
| 107179       | Swan                            | Port Arthur                                 | 1899                           | Port Arthur, Ont.                     | 36 0                      | 8 8                        | 3 0                      | 8              | 6                   | 1 sc.                                   | Wm. A. Cross, Port Arthur, Ont.  |
| 116780       | <i>Swan</i>                     | Vancouver                                   | 1904                           | Vancouver, B.C.                       | 18 0                      | 4 6                        | 2 2                      | 1              | 1                   | 3 sc.                                   | Ernest Pasatolopa, Vancouver, B.C.   |
| 122340       | Swan                            | Vancouver                                   | 1907                           | Vancouver, B.C.                       | 40 4                      | 11 8                       | 6 6                      | 30             | 21                  | 10 sc.                                  | T. A. Kelley, Logging & Lumber Co., Ltd., 401 Bank of Ottawa Building, Vancouver, B.C. |
| 100792       | Swan                            | Victoria                                    | 1893                           | Victoria, B.C.                        | 65 8                      | 13 8                       | 5 4                      | 36             | 25                  | 8 sc.                                   | Northern B.C. Fisheries, Ltd., 101 Winch Bldg., Vancouver, B.C.                        |
| 122211       | Sweepstake                      | Toronto                                     | 1901                           | Simcoe, Ont.                          | 37 0                      | 10 0                       | 1 0                      | 28             | 18                  | 2 pa.                                   | The Ontario Lumber Co., Ltd., Toronto, Ont.  |
| 116534       | <i>Sweetheart</i>               | Lanenburg                                   | 1905                           | Lanenburg, N.S.                       | 44 2                      | 13 6                       | 6 2                      | 15             | 13                  | 3 sc.                                   | South Cooper, M. O., Lanenburg, N.S.   |
| 130882       | Swell                           | Victoria                                    | 1912                           | Vancouver, B.C.                       | 70 0                      | 19 0                       | 9 0                      | 83             | 47                  | 13 sc.                                  | Victoria Tug Co., Ltd., Victoria, B.C.   |
| 141015       | <i>Swift Hil I</i>              | Vancouver                                   | 1912                           | Port Townsend, Wash., U.S.A.          | 25 0                      | 8 3                        | 4 1                      | 10             | 7                   | 13 sc.                                  | Harry Bruno, Sechart, B.C.   |
| 121675       | <i>Swiftsure</i>                | Vancouver                                   | 1895                           | Vancouver, B.C.                       | 35 0                      | 8 3                        | 2 5                      | 8              | 5                   | 1 sc.                                   | Mrs. J. F. G. Abbott, Vancouver, B.C.  |
| 85997        | Sybella II                      | Chatham, N.B.                               | 1884                           | Chatham, N.B.                         | 89 4                      | 20 1                       | 4 6                      | 71             | 48                  | 40 pa.                                  | Miramichi Steam Navigation Co., Ltd., Chatham, N.B.                                    |
| 120772       | <i>Sylfae</i>                   | Richibucto                                  | 1910                           | Richibucto, N.B.                      | 36 0                      | 12 0                       | 4 6                      | 10             | 3                   | 3 sc.                                   | James Legeoff, Richibucto, N.B.  |
| 141367       | <i>Sylvia-Victoria</i>          | Montreal                                    | 1919                           | Vancouver, B.C.                       | 410 7                     | 54 1                       | 27 5                     | 5,757          | 4,199               | 2,500 sc.                               | Forbes Corporation Limited, 107 St. James St., Montreal, Que.                          |



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| 134310 | T. 2.          | New Westminster...      | 1913 | 30 0  | 7 5  | 4 2   | 8     | 5     | 1 sc.   | T. J. Trapp & Co. New Westminster, B.C.  |
|--------|----------------|-------------------------|------|-------|------|-------|-------|-------|---------|--|
| 134311 | T. H. L.       | Victoria, B.C.          | 1913 | 37 8  | 10 7 | 4 6   | 15    | 8     | 1 sc.   | Thos. Exton and Chas. Spring, J.O., Victoria, B.C.                             |
| 134312 | T. 3.          | Vancouver, B.C.         | 1908 | 33 0  | 9 5  | 4 0   | 13    | 9     | 2 sc.   | Thomas B. McLAY, Nanaimo, B.C.   |
| 134313 | T. & B.        | Vancouver, B.C.         | 1913 | 40 0  | 9 8  | 4 5   | 11    | 7     | 2 sc.   | Thomas B. McLAY, Nanaimo, B.C.   |
| 134314 | T. R. 41.      | Ottawa.                 | 1915 | 125 0 | 23 4 | 13 2  | 200   | 105   | 61 sc.  | Thos. H. Munser, Chief Naval Surge, Ottawa, Ont.                               |
| 97062  | T. A. Stewart. | Charlottetown, P.E.I.   | 1892 | 61 8  | 15 2 | 5 5   | 36    | 25    | 60 sc.  | H. H. Brown, Charlottetown, P.E.I.   |
| 126538 | T. J. Clark.   | Toronto.                | 1911 | 69 0  | 20 0 | 6 0   | 75    | 51    | 42 sc.  | Clark Limited, Toronto, Ont.   |
| 112337 | W. J. Jarmin.  | Wes. Bay City, Mich.    | 1889 | 60 0  | 16 2 | 8 0   | 48    | 19    | 17 sc.  | Wm. J. Bell, Sudbury, Ont.   |
| 141062 | T. L. Church.  | Midland, Ont.           | 1912 | 251 0 | 43 6 | 20 7  | 2,264 | 1,353 | 147 sc. | Dominion Shipbuilding & Repair Co., Ltd., Spadina Ave., Toronto, Ont.          |
| 100416 | T. Osborne.    | Hull, Que.              | 1893 | 52 8  | 13 5 | 5 3   | 25    | 18    | 50 sc.  | The Bircan Pulp and Paper Co., Limited, Montreal, Que.                         |
| 134116 | T. Terashita.  | Stevenson, B.C.         | 1914 | 39 0  | 8 8  | 3 8   | 9     | 6     | 1 sc.   | Takuro Terashita, Steveston, B.C.  |
| 127836 | T. M. Smith.   | Chesacoah, N.S.         | 1879 | 48 5  | 17 5 | 7 5   | 35    | 23    | 1 sc.   | Miss Frances Doggett, Dartmouth, Que.  |
| 130723 | T. A. Meri.    | Vancouver, B.C.         | 1907 | 28 5  | 9 8  | 3 6   | 16    | 4     | 2 sc.   | Granville V. Currier, Victoria, B.C.   |
| 130724 | T. A. Meri.    | Vancouver, B.C.         | 1906 | 40 2  | 10 0 | 5 2   | 11    | 10    | 4 sc.   | Joseph A. Findlay, Sanjour, N.S.   |
| 141214 | T. Adachi.     | Callaghan, Ont.         | 1918 | 32 6  | 8 6  | 3 6   | 9     | 6     | 1 sc.   | Ryutaro Saito, Vancouver, B.C.   |
| 112927 | T. Adams.      | Wellington, Ont.        | 1879 | 40 0  | 9 0  | 4 5   | 9     | 6     | 1 sc.   | The Tadmec Club Ltd., Toronto, Ont.  |
| 134637 | T. Adams.      | Wellington, Ont.        | 1879 | 248 4 | 34 7 | 17 01 | 1,052 | 120   | 120 pa. | Canada Steamship Lines Ltd., 9 Victoria Square, Montreal, Q.                   |
| 134638 | T. Adams.      | Wellington, Ont.        | 1916 | 71 0  | 18 5 | 3 0   | 69    | 59    | 4 sc.   | Hudson's Bay Co., 1 Lime St., London, England.                                 |
| 133330 | T. Adachi.     | New Westminster, B.C.   | 1913 | 39 6  | 9 3  | 3 6   | 12    | 8     | 1 sc.   | Tsunokichi Nakatsu, Steveston, B.C.  |
| 134749 | T. Akashi.     | Ostka, B.C.             | 1903 | 53 0  | 12 0 | 6 0   | 34    | 23    | 12 sc.  | Wm. F. Anderson, Quathisli Cove, B.C.  |
| 134455 | T. Akashi.     | New Westminster, B.C.   | 1913 | 34 0  | 9 0  | 4 7   | 10    | 7     | 1 sc.   | Mamoi N. Malahias, Dea's Island, B.C.  |
| 134456 | T. Akashi.     | St. Andrews, N.B.       | 1905 | 28 6  | 11 0 | 5 6   | 11    | 9     | 1 sc.   | Sir Thos. Tait, Montreal, Que.   |
| 132746 | T. Akashi.     | Vancouver, B.C.         | 1911 | 40 0  | 9 0  | 5 0   | 13    | 9     | 2 sc.   | Chas. K. Walker, Vancouver, B.C.   |
| 132747 | T. Akashi.     | St. John's, N.B.        | 1911 | 250 0 | 43 8 | 23 5  | 2,631 | 1,394 | 124 sc. | Imperial Oil Ltd., Sarnia, Ont.  |
| 129230 | T. Armitage.   | St. John's, N.B.        | 1907 | 30 1  | 9 5  | 4 0   | 9     | 6     | 2 sc.   | John McLelland, Queen Charlotte City, B.C.                                     |
| 130841 | T. Armitage.   | Vancouver, B.C.         | 1910 | 21 6  | 3 4  | 3 4   | 4     | 3     | 2 sc.   | James K. Simpson, Vancouver, B.C.  |
| 132844 | T. Armitage.   | Vancouver, B.C.         | 1910 | 42 6  | 11 5 | 4 6   | 24    | 16    | 2 sc.   | Wellington Burton and J. H. Hensworth, J.O., Vancouver, B.C.                   |
| 134644 | T. Armitage.   | Victoria, B.C.          | 1913 | 45 2  | 13 7 | 6 6   | 27    | 14    | 1 sc.   | Nootka Packing Co., Ltd., Rogers Bldg., Vancouver, B.C.                        |
| 134050 | T. Armitage.   | Lambert, B.C.           | 1914 | 59 4  | 16 4 | 7 6   | 39    | 37    | 8 sc.   | Ernest Covey, M. O., Tancook, N.S.   |
| 100072 | T. Armitage.   | St. John N.B.           | 1891 | 55 3  | 16 1 | 3 9   | 36    | 24    | 13 sc.  | The G. & G. Flewelling Mfg. Co., Ltd., Hampton, N.B.                           |
| 126765 | T. Armitage.   | Montreal, Que.          | 1907 | 33 0  | 7 9  | 3 2   | 5     | 3     | 1 sc.   | Harvey L. Henderson, Montreal, Que.  |
| 134280 | T. Armitage.   | Victoria, B.C.          | 1914 | 28 6  | 7 0  | 3 5   | 5     | 3     | 1 sc.   | Consolidated Whaling Corporation, Ltd., 64 King St. E., Toronto, Ont.          |
| 138539 | T. Armitage.   | Vancouver, B.C.         | 1917 | 78 2  | 20 3 | 5 8   | 177   | 120   | 6 sc.   | The British Yukon Navigation Co., Ltd., 603 Hastings St. E., Vancouver, B.C.   |
| 124655 | T. Armitage.   | Vancouver, B.C.         | 1906 | 90 2  | 17 1 | 9 2   | 128   | 69    | 41 sc.  | Coastwise Steamship & Barge, Co., Ltd., 801-710 Granville St., Vancouver, B.C. |
| 138687 | T. Armitage.   | Vancouver, B.C.         | 1917 | 51 6  | 14 3 | 5 9   | 42    | 10    | 3 sc.   | The Canadian Fishing Co., Ltd., Foot Gore Ave., Vancouver, B.C.                |
| 141554 | T. Armitage.   | Vancouver, B.C.         | 1919 | 45 0  | 13 0 | 5 2   | 26    | 18    | 31 sc.  | Mrs. William Billie, Comox, B.C.   |
| 111758 | T. Armitage.   | Victoria, B.C.          | 1899 | 64 0  | 9 4  | 4 4   | 21    | 13    | 5 sc.   | L. A. Bernays, Vancouver, B.C.   |
| 138686 | T. Armitage.   | Vancouver, B.C.         | 1917 | 51 6  | 14 3 | 5 9   | 42    | 16    | 3 sc.   | The Canadian Fishing Co., Ltd., Foot Gore Ave., Vancouver, B.C.                |
| 141521 | T. Armitage.   | New Westminster, B.C.   | 1917 | 39 2  | 9 4  | 4 2   | 11    | 8     | 12 sc.  | Nels Williams, Port Alberni, B.C.  |
| 122193 | T. Armitage.   | Teal, B.C.              | 1907 | 38 0  | 8 8  | 4 2   | 18    | 13    | 2 sc.   | Harry Trim, Westham Islands, B.C.  |
| 103691 | T. Armitage.   | Sault Ste. Marie, Mich. | 1895 | 37 0  | 9 0  | 3 4   | 10    | 6     | 2 sc.   | William Fraser, Little Current, Ont.   |
| 141232 | T. Armitage.   | Charlottetown, P.E.I.   | 1919 | 38 1  | 9 9  | 5 0   | 13    | 9     | 2 sc.   | Star Packet Co., Ltd., 39 Dorchester St., Charlottetown, P.E.I.                |
| 95029  | T. Armitage.   | Victoria, B.C.          | 1893 | 165 0 | 26 0 | 10 8  | 679   | 441   | 95 sc.  | Canadian Pacific Railway Co., Montreal, Que.                                   |
| 126025 | T. Armitage.   | Vancouver, B.C.         | 1909 | 35 1  | 9 4  | 3 3   | 13    | 9     | 14 sc.  | Kingcome Navigation Co., Ltd., Vancouver, B.C.                                 |
| 102385 | T. Armitage.   | Ottawa, Ont.            | 1898 | 133 0 | 22 5 | 9 4   | 295   | 213   | 21 sc.  | La Compagnie de Navigation, Ville Marie, Que.                                  |
| 112299 | T. Armitage.   | Winnipeg, Man.          | 1904 | 83 0  | 16 0 | 7 6   | 75    | 51    | 1 sc.   | The Northern Fish Co., Ltd., Selkirk, Man.                                     |
| 141716 | T. Armitage.   | Vancouver, B.C.         | 1919 | 35 9  | 9 8  | 3 8   | 13    | 9     | 1 sc.   | Beaver Cove Lumber & Pulp Co., Ltd., 312-510 Hastings St., W., Vancouver, B.C. |
| 107430 | T. Armitage.   | Midland, Ont.           | 1892 | 64 0  | 12 6 | 4 4   | 25    | 17    | 2 sc.   | Newton K. Wagg, Midland, Ont.  |

\*Formerly "Geyser."  
 \*Formerly "War Cavalry."  
 \*Foreign name "Minnie."  
 \*Foreign name "Minnie."  
 \*Formerly a sailing vessel.  
 \*Formerly "San Felice."  
 \*Formerly a sailing vessel.  
 \*Formerly "Virginia."  
 \*Formerly "Supernic."  
 \*Formerly a sailing vessel.  
 \*Formerly "Wanda."  
 \*Turbines.

ALPHABETICAL LIST OF Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—*Abréviations: J.O.*, Joint Owners—propriétaires conjoints; *M.O.*, Managing owner—propriétaire gérant; *Pa.*, Paddle—à aubes; *Sc.*, Screw—à hélice. ©Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Construit. | Where Built.<br>Lieu de construction. | Length in feet and 10ths. | Breadth in feet and 10ths. | Largeur en pieds et 10ths. | Depth in feet and 10ths. | Profondeur en pieds et 10ths. | Gross Tonnage. | Registered Tonnage. | H.P. of Engines and Mode of Propulsion.                                    | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|----------------------|---------------------------------------|---------------------------|----------------------------|----------------------------|--------------------------|-------------------------------|----------------|---------------------|--|---|
| 87180        | Tepec                           | Vancouver                                   | 1883                 | Blackwall, G.B.                       | 70 1                      | 16 3                       | 8 2                        | 7 1                      | 37                            | 25             | sc.                 | Evans, Coleman & Evans, Ltd., Vancouver, B.C.                              |   |
| 111546       | Terra Nova                      | Vancouver                                   | 1901                 | Vancouver, B.C.                       | 68 5                      | 11 7                       | 6 1                        | 47                       | 32                            | 9              | sc.                 | Duncan Rowan, Terra Nova, B.C.   |   |
| 103336       | Terrebonne                      | Montreal                                    | 1871<br>1885         | Sorel, Que.                           | 156 2                     | 24 1                       | 7 2                        | 636                      | 320                           | 28             | pa.                 | Terrebonne Limitée, 50 Notre Dame St., Montreal, Que.                      |   |
| 103881       | Tess                            | Quebec                                      | 1896                 | Ayer's Flat, Que.                     | 32 6                      | 7 6                        | 3 4                        | 5                        | 5                             | 4              | sc.                 | W. E. Johnson, Lake Megantic, Que.   |   |
| 141329       | Tidon                           | New Westminster                             | 1919                 | New Westminster, B.C.                 | 46 0                      | 12 0                       | 6 8                        | 25                       | 17                            | 3              | sc.                 | James W. Fryer, M.O., New Westminster, B.C.                                |   |
| 121679       | Thames                          | Vancouver                                   | 1905                 | Vancouver, B.C.                       | 41 4                      | 10 5                       | 4 4                        | 20                       | 11                            | 5              | sc.                 | Oxford Bay Timber & Logging Co., Ltd., 40 Lorne St., New Westminster, B.C. |   |
| 141792       | Thalford                        | New Westminster                             | 1920                 | New Westminster, B.C.                 | 36 0                      | 8 9                        | 3 6                        | 9                        | 5                             | 8              | sc.                 | Chas. Williams, Palsbø Isgy, B.C.  |   |
| 111962       | Thelma                          | Pictou, Ont.                                | 1905                 | Wellington, Ont.                      | 40 0                      | 9 1                        | 5 7                        | 19                       | 13                            | 10             | sc.                 | Kenneth B. DeMill, Wellington, Ont.  |   |
| 122215       | Thelma I.                       | Toronto                                     | 1906                 | Toronto, Ont.                         | 21 7                      | 6 2                        | 2 6                        | 3                        | 2                             | 4              | sc.                 | Thos. W. Watkins, Hamilton, Ont.   |   |
| 141215       | Thelma J.                       | Prince Rupert                               | 1907                 | Seattle, Wash., U.S.A.                | 50 0                      | 13 6                       | 5 8                        | 29                       | 16                            | 21             | sc.                 | Geo. Fritz, Prince Rupert, B.C.  |   |
| 122236       | Thelma K.                       | Liverpool                                   | 1907                 | Port Clyde, N.S.                      | 31 0                      | 12 6                       | 6 6                        | 12                       | 11                            | 3              | sc.                 | Win. A. Duggell, White Point, N.S.   |   |
| 131161       | Thelma C.                       | Lanenburg                                   | 1912                 | Little Tancook, N.S.                  | 40 6                      | 10 5                       | 6 4                        | 14                       | 13                            | 3              | sc.                 | Wm. A. Duggell, White Point, N.S.  |   |
| 141345       | Thelma O.                       | Ottawa                                      | 1918                 | Montreal, Que.                        | 130 0                     | 25 0                       | 13 0                       | 337                      | 136                           | 61             | sc.                 | The Minister of the Naval Service, Ottawa, Ont.                            |   |
| 115525       | Thirty Three                    | Ottawa                                      | 1902                 | North Shields, G.B.                   | 80 0                      | 18 1                       | 8 3                        | 79                       | 33                            | 21             | sc.                 | The Minister of Marine and Fisheries, Ottawa, Ont.                         |   |
| 78024        | Thisle                          | Collingwood                                 | 1881                 | Collingwood, Ont.                     | 66 0                      | 19 8                       | 7 0                        | 36                       | 25                            | 25             | sc.                 | The Great Lakes Fish Co., Ltd., Erieau, Ont.                               |   |
| 107867       | Thisle                          | Dawson                                      | 1902                 | Dawson, Y.T.                          | 102 0                     | 13 6                       | 3 9                        | 225                      | 153                           | 7              | pa.                 | Taylor, Drury, Tedder & Co., Ltd., White Horse, Y.T.                       |   |
| 100673       | Thomas B.                       | Vancouver                                   | 1882                 | Vancouver, B.C.                       | 24 0                      | 7 3                        | 3 4                        | 2                        | 1                             | 12             | sc.                 | Charles Reynolds, Brighton Island, B.C.                                    |   |
| 138345       | Thomas C.                       | Hullfax                                     | 1885                 | Brooklyne, N.Y., U.S.A.               | 130 2                     | 22 6                       | 12 6                       | 199                      | 153                           | 63             | sc.                 | The Methodist Church, 299 Queen St. W., Toronto, Ont.                      |   |
| 141434       | Thomas Crosby                   | Vancouver                                   | 1919                 | Vancouver, B.C.                       | 51 3                      | 12 6                       | 4 8                        | 30                       | 22                            | 23             | sc.                 | The Methodist Church, 299 Queen St. W., Toronto, Ont.                      |   |
| 134016       | Thomas Fisher                   | Port Arthur                                 | 1914                 | Port William, Ont.                    | 65 0                      | 14 7                       | 4 5                        | 52                       | 23                            | 14             | sc.                 | The Great Lakes Dredging & Contracting Co., Ltd., Ottawa, Ont.             |   |
| 129583       | Thomas J. Drummond              | Sault Ste. Marie                            | 1910                 | Dunbarton, G.B.                       | 247 8                     | 43 7                       | 22 8                       | 2,200                    | 1,664                         | 215            | sc.                 | The Minister of Railways & Canals, Ottawa, Ont.                            |   |
| 107595       | Thomas Matland                  | Owen Sound                                  | 1899                 | Owen Sound, Ont.                      | 89 9                      | 18 0                       | 8 8                        | 107                      | 73                            | 31             | sc.                 | Rixon, Ainslie Steadart Co. Ltd., Owen Sound, Ont.                         |   |
| 133755       | Thos. Mason                     | St. John, N.B.                              | 1904                 | Boston, Mass., U.S.A.                 | 53 1                      | 13 0                       | 5 6                        | 31                       | 21                            | 10             | sc.                 | The Minister of Marine and Fisheries, Ottawa, Ont.                         |   |
| 141587       | Thorsla IV                      | Montreal                                    | 1915                 | Dorval, Que.                          | 37 0                      | 5 7                        | 1 1                        | 103                      | 156                           | 1              | sc.                 | Wm. V. Finlay, Montreal, Que.  |   |
| 141462       | Thornycroft                     | Shelburne                                   | 1919                 | Shelburne, N.S.                       | 128 4                     | 27 0                       | 11 5                       | 105                      | 70                            | 1              | sc.                 | Wm. V. Finlay, Liverpool, N.S.   |   |
| 133842       | Thornycroft                     | Vancouver                                   | 1912                 | Seattle, Wash., U.S.A.                | 44 0                      | 8 5                        | 3 6                        | 14                       | 10                            | 1              | sc.                 | Terrill Des Brusays, Vancouver, B.C.                                       |   |
| 141756       | Thousand Islander               | Montreal                                    | 1912                 | Toledo, O., U.S.A.                    | 106 4                     | 31 9                       | 8 3                        | 57                       | 24                            | 75             | sc.                 | Canada Steamship Lines, Ltd., 90 Victoria Sq., Montreal, Que.              |   |
| 117046       | Three Brothers                  | Barrington Passage                          | 1905                 | Clark's Harbour, N.S.                 | 32 0                      | 12 1                       | 6 2                        | 13                       | 12                            | 3              | sc.                 | Wm. J. Collins, Summersville, N.S.   |   |

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| 116755 | Thyra                    | Toronto         | 1887 | Poughkeepsie, N.Y.      | 66 0  | 11 0 | 7 1  | 34    | 23    | 8 sc...   | F. B. Polson, Toronto, Ont.  |
|--------|--------------------------|-----------------|------|-------------------------|-------|------|------|-------|-------|-----------|--|
| 134429 | <i>Adriep</i>            | Vancouver       | 1900 | U.S.A.                  | 37 0  | 10 4 | 4 3  | 9     | 6     | 3 sc...   | Geo. G. Bushby, Victoria, B.C.   |
| 134315 | <i>Tit</i>               | Kenora          | 1909 | Decatur, Wash., U.S.A.  | 30 8  | 5 0  | 3 0  | 10    | 5     | 3 sc...   | Joseph Nemeka, Kenora, Ont.  |
| 122539 | <i>Alcizon</i>           | Kingston        | 1907 | Brighton, Ont.          | 31 8  | 5 6  | 3 0  | 3     | 2     | 3 sc...   | Nicolaus L. Butler, Brighton, Ont.                                     |
| 122535 | <i>Tillicum</i>          | Vancouver       | 1896 | Fort Simpson, B.C.      | 42 3  | 3 1  | 4 0  | 13    | 2     | 3 sc...   | Ralph Simpson, Arrowhead, B.C.   |
| 75532  | Tim Doyle                | Montreal        | 1874 | Buffalo, N.Y., U.S.A.   | 40 6  | 11 8 | 6 2  | 15    | 10    | 5 sc...   | Lyon Cohen, Montreal, Que.   |
| 117180 | Tim Healy                | Windsor, Ont.   | 1884 | Sachue, Que.            | 41 2  | 12 9 | 6 8  | 34    | 26    | 6 sc...   | The Windsor Dredging Co., Ltd., Windsor, Ont.                          |
| 126739 | <i>Trapp</i>             | New Westminster | 1908 | Santwich, Ont.          | 32 5  | 5 9  | 4 0  | 4     | 1     | 1 sc...   | T. W. J. Herring, Barnaby, B.C.  |
| 106483 | <i>Tribe</i>             | Montreal        | 1899 | New Westminster, B.C.   | 32 5  | 5 9  | 4 0  | 4     | 1     | 1 sc...   | F. Curley, Jr., Montreal, Que.   |
| 130049 | <i>Tribe Willow</i>      | Ottawa          | 1901 | New York, N.Y., U.S.A.  | 49 1  | 9 1  | 4 3  | 17    | 11    | 12 sc...  | F. D. Deegan and P. A. Barringer, West Dover, N.S.                     |
| 132783 | <i>Triana McLeod</i>     | Lancaster       | 1896 | Kingston, Ont.          | 39 8  | 11 2 | 5 2  | 11    | 7     | 1 sc...   | W. F. Douglas and N. Barringer, West Dover, N.S.                       |
| 122492 | <i>Triana</i>            | Lancaster       | 1904 | Vancouver, B.C.         | 38 4  | 8 4  | 3 5  | 11    | 32    | 1 sc...   | R. F. Cathers, Victoria, B.C.  |
| 116731 | <i>Triana</i>            | Lancaster       | 1907 | Vancouver, B.C.         | 38 4  | 8 4  | 3 5  | 11    | 32    | 1 sc...   | Richards Manufacturing Co., Ltd., Campbellton, N.B.                    |
| 116778 | <i>Triana</i>            | Halifax         | 1904 | Halifax, N.S.           | 48 2  | 17 5 | 7 8  | 97    | 66    | 32 sc...  | The York Co., Ltd., Halifax, N.S.                                      |
| 116778 | <i>Triana</i>            | Halifax         | 1904 | Halifax, N.S.           | 48 2  | 17 5 | 7 8  | 97    | 66    | 32 sc...  | A. W. J. Herring, Vancouver, B.C.                                      |
| 132697 | <i>Triana</i>            | Vancouver       | 1909 | Perven Island, B.C.     | 42 6  | 12 5 | 5 8  | 30    | 24    | 2 sc...   | Sheehan & Baker, Sidney, B.C.  |
| 132697 | <i>Triana</i>            | Vancouver       | 1909 | Vancouver, B.C.         | 42 6  | 12 5 | 5 8  | 30    | 24    | 2 sc...   | Sheehan & Baker, Sidney, B.C.  |
| 132697 | <i>Triana</i>            | Vancouver       | 1909 | Fort Frances, Ont.      | 51 0  | 11 4 | 3 0  | 20    | 13    | 5 sc...   | Shawin Clarke Co., Ltd., Fort Frances, Ont.                            |
| 141194 | <i>Triana</i>            | Vancouver       | 1918 | Vancouver, B.C.         | 42 3  | 11 7 | 4 9  | 17    | 12    | 3 sc...   | Balmont Surf Inlet Mines, Ltd., 614 Rogers Bldg., Vancouver, B.C.      |
| 122102 | Topaz                    | Vancouver       | 1903 | Victoria, B.C.          | 49 6  | 13 0 | 5 8  | 34    | 23    | 12 sc...  | Gulf of Georgia Towing Co., Ltd., 1199 Sixth Ave. W., Vancouver, B.C.  |
| 107412 | Toronto                  | Toronto         | 1899 | Toronto, Ont.           | 289 4 | 36 0 | 13 8 | 2,779 | 1,652 | 263 pa.   | Canada Steamship Lines, Ltd., 9 Victoria Sq., Montreal, Que.           |
| 141663 | Torontonian              | Toronto         | 1920 | Toronto, Ont.           | 251 0 | 43 6 | 20 7 | 2,239 | 1,349 | 147 sc... | Dominion Shipbuilding & Repair Co., Ltd., Spadina Ave., Toronto, Ont.  |
| 103688 | Torpedo                  | Toronto         | 1898 | Toronto, Ont.           | 34 0  | 5 3  | 5 0  | 8     | 5     | 1 sc...   | Toronto Construction Co., Ltd., Toronto, Ont.                          |
| 122180 | Torpy                    | Port Arthur     | 1907 | Rosport, Ont.           | 34 0  | 10 0 | 4 0  | 8     | 5     | 1 sc...   | John Palmer, Rosport, Ont.   |
| 122540 | Tory                     | Vancouver       | 1907 | Vancouver, B.C.         | 22 3  | 7 6  | 2 0  | 8     | 5     | 1 sc...   | James R. Laffie, Vancouver, B.C.                                       |
| 126339 | Toteau                   | Vancouver       | 1909 | Vancouver, B.C.         | 45 2  | 12 0 | 5 9  | 25    | 17    | 2 sc...   | The Packers Steamship Co., Ltd., Vancouver, B.C.                       |
| 122443 | Tourist                  | St. John, N.B.  | 1907 | Maragraville, N.S.      | 37 0  | 12 4 | 4 5  | 15    | 10    | 1 sc...   | Joseph C. Walton, North Kingston, N.S.                                 |
| 107339 | Tourist                  | Shelburne       | 1900 | Yarmouth, N.S.          | 34 0  | 7 4  | 3 6  | 4     | 3     | 4 sc...   | Jonathan Perry, Shelburne, N.S.  |
| 126851 | <i>Tourville</i>         | Sorel           | 1911 | Sorel, Que.             | 61 0  | 15 4 | 6 5  | 57    | 26    | 20 sc...  | The Tourville Lumber Mills Co., Ltd., 2 Place d'Armes, Montreal, Que.  |
| 134331 | <i>Traveller's Pride</i> | Chatham, N.B.   | 1914 | Tracadie, N.B.          | 40 0  | 10 0 | 5 0  | 12    | 11    | 1 sc...   | John A. Babin, Tracadie, N.B.  |
| 107838 | Trader                   | Victoria        | 1901 | Vancouver, B.C.         | 101 0 | 25 2 | 8 2  | 167   | 114   | 17 sc...  | Trader Steamship Co., Ltd., Pemberton Bldg., Victoria, B.C.            |
| 26656  | Trader S                 | Midland         | 1912 | Midland, Ont.           | 71 1  | 12 6 | 6 0  | 96    | 66    | 153 sc... | W. E. Preston, Ltd., Midland, Ont.                                     |
| 130449 | <i>Tranontana</i>        | Prince Rupert   | 1911 | Seattle, Wash., U.S.A.  | 60 0  | 16 0 | 6 0  | 23    | 19    | 1 sc...   | Chas. LeBlanc, et al., I.O., Vancouver, B.C.                           |
| 141271 | <i>Tramp</i>             | Toronto         | 1911 | Seattle, Wash., U.S.A.  | 39 5  | 12 0 | 4 8  | 22    | 11    | 2 sc...   | James Batt, Prince Rupert, B.C.  |
| 116250 | Tranquilo                | Toronto         | 1892 | Bristol, R.I., U.S.A.   | 77 0  | 11 2 | 6 5  | 39    | 27    | 5 sc...   | Electrical Development Co., Toronto, Ont.                              |
| 100794 | Transfer                 | Victoria        | 1893 | New Westminster, B.C.   | 122 0 | 24 5 | 5 6  | 264   | 98    | 18 pa.    | Rendon Canning & Cold Storage Co., Ltd., 81 Water St., Vancouver, B.C. |
| 134128 | <i>Trapp</i>             | New Westminster | 1909 | Tacoma, Wash., U.S.A.   | 58 8  | 15 3 | 5 9  | 41    | 26    | 3 sc...   | Packers Steamship Co., Ltd., Vancouver, B.C.                           |
| 117170 | <i>Trask</i>             | Windsor, N.S.   | 1910 | Summerville, N.S.       | 29 2  | 8 3  | 3 5  | 8     | 4     | 1 sc...   | Herbert Stairs, Wolfville, N.S.  |
| 111930 | Traveler                 | Sault Ste-Marie | 1871 | Cheboygan, Wis., U.S.A. | 40 0  | 24 0 | 12 0 | 438   | 248   | 118 sc... | Lake Superior Paper Co., Ltd., Sault Ste. Marie, Ont.                  |
| 134569 | <i>Traveller II</i>      | New Westminster | 1914 | Westland, B.C.          | 31 0  | 8 8  | 3 6  | 7     | 5     | 1 sc...   | Joseph Martinich, Westham Island, B.C.                                 |
| 126856 | <i>Traveller No. 1</i>   | Sorel           | 1911 | Sorel, Que.             | 50 3  | 26 1 | 3 3  | 37    | 31    | 1 pa.     | Joseph Savail and Joseph Paul, Ste. Joseph de Sorel, Que.              |
| 108312 | Tremblay                 | Quebec          | 1916 | Chicoutimi, Que.        | 84 8  | 20 6 | 6 4  | 129   | 78    | 9 pa.     | Joseph Tremblay (Alexis) Ste. Anne de Chicoutimi, Que.                 |
| 108312 | Trent                    | Belleville      | 1893 | Simcoe, Ont.            | 36 9  | 10 5 | 3 9  | 20    | 12    | 20 pa.    | D. Gilmour, Trenton, Ont.  |
| 134038 | <i>Tranquill</i>         | Victoria        | 1911 | Vancouver, B.C.         | 38 3  | 8 6  | 4 0  | 11    | 8     | 1 sc...   | The Okanagan Lake Boat Co., Ltd., Naramata, B.C.                       |
| 129833 | Trillium                 | Toronto         | 1910 | Toronto, Ont.           | 150 0 | 30 0 | 7 2  | 673   | 463   | 48 pa.    | The Toronto Ferry Co., Ltd., Toronto, Ont.                             |
| 111958 | Trim                     | New Westminster | 1909 | New Westminster, B.C.   | 28 0  | 8 0  | 2 5  | 7     | 3     | 2 sc...   | Harry Trum, Westham Island, B.C.                                       |
| 129277 | <i>Trois Pistoles</i>    | Vancouver       | 1909 | New Westminster, B.C.   | 36 9  | 8 0  | 1 8  | 4     | 2     | 2 sc...   | Anton Akerberg and David Thomson, I.O., Prince Rupert, B.C.            |
| 132968 | Trois Pistoles           | Quebec          | 1911 | Bic, Que.               | 39 8  | 10 9 | 5 3  | 20    | 11    | 3 sc...   | Joseph E. Riou, M.O., Trois Pistoles, Que.                             |
| 126768 | Trois Rivières           | Montreal        | 1910 | Sorel, Que.             | 219 3 | 32 0 | 9 6  | 1,449 | 652   | 53 pa.    | Canada Steamship Lines, Ltd., 9 Victoria Sq., Montreal, Que.           |

<sup>1</sup>Foreign name "Thelma." <sup>2</sup>Formerly a sailing vessel. <sup>3</sup>Foreign name "Cora." <sup>4</sup>Formerly "Giffordings." <sup>5</sup>Foreign name "Elizabeth." <sup>6</sup>Foreign name "Fawn."  
<sup>7</sup>Formerly "Titania." <sup>8</sup>Foreign name "Carl." <sup>9</sup>Formerly "O. Paul." <sup>10</sup>Foreign name "Fearless." <sup>11</sup>Foreign name "Active."

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—Abbrégations: **J.O.**, Joint Owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **Pa.**, Paddle—à aubes; **Sc.**, Screw—à hélice.   
 © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Cons-<br>truit<br>en | Where Built.<br>Lieu de construction. | Length in feet and 10ths. | Breadth in feet and 10ths. | Largeur en pieds et 10es. | Depth in feet and 10ths. | Protondeur en pieds et 10es. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en C.V. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|--------------------------------|---------------------------------------|---------------------------|----------------------------|---------------------------|--------------------------|------------------------------|---------------------------------|--|--|---|
| 88233        | Tropic.....                     | Brockville.....                             | 1885                           | Smith's Falls, Ont.....               | 40 5                      | 8 3                        | 3 4                       | 3 4                      | 3 4                          | 58                              | 7  | 7 sc.....  | H. T. Toffey, Portland, Ont.  |
| 126342       | Truand.....                     | Victoria.....                               | 1908                           | Victoria, B.C.....                    | 28 4                      | 10 0                       | 8 8                       | 8 8                      | 8 8                          | 81                              | 4  | 8 sc.....  | Walter E. Adams, Victoria, B.C.   |
| 133940       | Truquet.....                    | Ottawa.....                                 | 1904                           | Lockport, N. S., U.S.A.....           | 75 4                      | 17 0                       | 8 6                       | 8 6                      | 8 6                          | 81                              | 53   | 8 sc.....  | The Minister of Public Works, Ottawa, Ont.  |
| 121753       | Trudel II.....                  | Ottawa.....                                 | 1904                           | Douglas Farm, Quince Lake, Que.....   | 10 4                      | 16 7                       | 3 6                       | 3 6                      | 3 6                          | 15                              | 5  | 2 pa.....  | James B. Kloek, Matawa, Ont.  |
| 107118       | Trusty.....                     | Lanenburg.....                              | 1898                           | LaHave, N.S.....                      | 77 0                      | 17 4                       | 7 8                       | 7 8                      | 7 8                          | 58                              | 33   | 110 sc.....  | The LaHave Steamship Co., Ltd., LaHave, N.S.  |
| 100201       | Ty.....                         | Vancouver.....                              | 1891                           | Vancouver, B.C.....                   | 61 0                      | 15 0                       | 4 0                       | 4 0                      | 4 0                          | 42                              | 20   | 10 pa.....   | E. Burns, Vancouver, B.C.   |
| 126298       | Tysekwa.....                    | Vancouver.....                              | 1908                           | Vancouver, B.C.....                   | 27 5                      | 4 3                        | 3 3                       | 3 3                      | 3 3                          | 9                               | 0  | 1 3 sc.....  | Geo. Holben, Prince Rupert, B.C.  |
| 130854       | Tyubame.....                    | Vancouver.....                              | 1908                           | Nanaimo, B.C.....                     | 27 0                      | 9 2                        | 3 4                       | 3 4                      | 3 4                          | 9                               | 0  | 1 3 sc.....  | Chiyo Uchido, Vancouver, B.C.   |
| 126784       | Tyura.....                      | New Westminster.....                        | 1910                           | Neweston, B.C.....                    | 39 0                      | 9 6                        | 4 6                       | 4 6                      | 4 6                          | 13                              | 0  | 1 3 sc.....  | George Isinara, Neweaston, B.C.   |
| 138366       | Tyura Maria.....                | Vancouver.....                              | 1917                           | Vancouver, B.C.....                   | 38 0                      | 9 9                        | 3 5                       | 3 5                      | 3 5                          | 12                              | 0  | 1 3 sc.....  | Yonckla Ross, Vancouver, B.C.   |
| 142116       | Tyudad.....                     | Vancouver.....                              | 1908                           | Vancouver, B.C.....                   | 49 3                      | 14 3                       | 6 0                       | 6 0                      | 6 0                          | 37                              | 25   | 41 sc.....   | Norfolk, B.C., Ft. Vancouver, B.C.  |
| 119849       | Tyuna.....                      | Montreal.....                               | 1902                           | Halifax, N.S.....                     | 152 7                     | 23 2                       | 8 7                       | 14 1                     | 8 7                          | 124                             | 84   | 53 sc.....   | The Minister of the Naval Service, Ottawa, Ont.                                       |
| 129491       | Tyurbinin O.....                | Hamilton.....                               | 1904                           | Halifax, N.S.....                     | 250 0                     | 33 2                       | 12 6                      | 16 6                     | 12 6                         | 603                             | 303  | 5400 sc.....   | Canada Steamship Lines, Ltd., Victoria Sq., Montreal, Que.                            |
| 104293       | Turret Cape O.....              | Montreal.....                               | 1895                           | Sandwich, G.B.....                    | 23 0                      | 44 0                       | 19 4                      | 19 4                     | 19 4                         | 827                             | 143  | 250 sc.....  | Turret Steamship Co., Ltd., 35 Bedford Row, Halifax, N.S.                             |
| 106268       | Turret Court O.....             | Montreal.....                               | 1896                           | Sandwich, G.B.....                    | 23 0                      | 44 0                       | 19 7                      | 19 7                     | 19 7                         | 879                             | 143  | 250 sc.....  | Turret Steamship Co., Ltd., 35 Bedford Row, Halifax, N.S.                             |
| 104279       | Turret Crown O.....             | Toronto.....                                | 1895                           | Sunderland, G.B.....                  | 23 0                      | 44 0                       | 19 4                      | 19 4                     | 19 4                         | 827                             | 143  | 250 sc.....  | Commonwealth Steamship Co., Ltd., 901 Temple Bldg., Toronto.                          |
| 112304       | Turtle.....                     | Ottawa.....                                 | 1902                           | Chebo Bay, Ont.....                   | 65 0                      | 20 0                       | 3 8                       | 3 8                      | 3 8                          | 35                              | 33   | 12 pa.....   | Geo. Gordon, et al., Pembroke, Ont.   |
| 127884       | Tusle.....                      | Lanenburg.....                              | 1910                           | Lanenburg, N.S.....                   | 83 2                      | 20 5                       | 9 8                       | 9 8                      | 9 8                          | 151                             | 67   | 28 sc.....   | The LaHave Steamship Co., Ltd., West LaHave, N.S.                                     |
| 126239       | Tusler.....                     | Victoria.....                               | 1890                           | Olympia, Wash., U.S.A.....            | 45 8                      | 12 8                       | 4 6                       | 4 6                      | 4 6                          | 19                              | 11   | 6 sc.....  | Mrs. Annie C. Gardner, Victoria, B.C.   |
| 138695       | Tuuchi.....                     | Vancouver.....                              | 1917                           | Carcross, Y.T.....                    | 167 0                     | 35 2                       | 6 3                       | 6 3                      | 6 3                          | 1,041                           | 740  | 8 pa.....  | The British Yukon Navigation Co., Ltd., 603 Hastings St. W., Vancouver, B.C.          |
| 133797       | Tutusy.....                     | Peterborough.....                           | 1905                           | Peterboro, Ont.....                   | 35 5                      | 7 5                        | 3 0                       | 3 0                      | 3 0                          | 9                               | 6  | 3 sc.....  | H. Allison, Peterboro, Ont.   |
| 103460       | Two Brothers.....               | Port Stanley.....                           | 1919                           | Port Stanley, Ont.....                | 68 0                      | 15 0                       | 6 7                       | 36                       | 6 7                          | 36                              | 18   | 10 sc.....   | Win. Thompson M.O., Port Maitland, Ont.   |
| 141456       | Two Roses O.....                | Arichat.....                                | 1890                           | L'Archeve, N.S.....                   | 42 0                      | 5 0                        | 5 1                       | 19                       | 5 1                          | 19                              | 14   | 1 sc.....  | Geo. D. Lewis, Louisbourg, N.S.   |
| 126426       | Tyng Gagn.....                  | Vancouver.....                              | 1917                           | Sorel, Que.....                       | 84 0                      | 19 2                       | 10 0                      | 113                      | 10 0                         | 113                             | 34   | 24 sc.....   | Thos. M. Kirkwood, Montreal, Que.   |
| 107439       | Tyng.....                       | Victoria.....                               | 1900                           | Vancouver, B.C.....                   | 38 9                      | 9 4                        | 4 8                       | 15                       | 4 8                          | 15                              | 10   | 3 1 sc.....  | Stephen Carlson, Vancouver, B.C.  |
| 60459        | Tyrian.....                     | Halifax.....                                | 1899                           | New Westminster, B.C.....             | 72 0                      | 14 2                       | 6 5                       | 32                       | 6 5                          | 32                              | 18   | 10 sc.....   | Jas. E. Hatt, Victoria, B.C.  |
| 107159       | Tyrrhel.....                    | Vancouver.....                              | 1893                           | Glasgow, G.B.....                     | 237 5                     | 30 2                       | 19 9                      | 1 029                    | 19 9                         | 1,029                           | 667  | 108 sc.....  | The Minister of Public Works, Ottawa, Ont.  |
|              |                                 |   | 1898                           | Vancouver, B.C.....                   | 142 0                     | 30 2                       | 4 8                       | 678                      | 4 8                          | 678                             | 408  | 17 pa.....   | British Yukon Navigation Co., Ltd., Vancouver, B.C.                                   |
| 141452       | U. S. A.....                    | Victoria.....                               | 1915                           | Seattle, Wash., U.S.A.....            | 44 4                      | 13 8                       | 6 1                       | 21                       | 6 1                          | 21                              | 11   | 3 sc.....  | Kamezo Wakase, Tofino, B.C.   |

SESSIONAL PAPER No. 22

| 112246 | Ula                  | Vancouver, B.C.           | 31 8  | 8 6  | 3 0  | 10    | 7     | 9 sc.     | Arthur Neville Smith, Vancouver, B.C.                                       |
|--------|----------------------|---------------------------|-------|------|------|-------|-------|-----------|---|
| 96097  | Ula                  | Dunbarton, G.B.           | 49 4  | 9 0  | 5 2  | 14    | 4     | 9 sc.     | The Minister of the Naval Service, Ottawa, Ont.                             |
| 103815 | Ulacalala            | Belleville                | 38 0  | 7 0  | 3 6  | 6     | 4     | 10 sc.    | Chas. W. Turner, Campbellford, Ont.   |
| 134023 | Ullster              | St. Joseph, Mich., U.S.A. | 32 5  | 8 5  | 3 6  | 8     | 5     | 1 sc.     | John A. O'Neil Hayes, Victoria, B.C.  |
| 92958  | Umbria               | Port Dalhousie, Ont.      | 58 0  | 15 2 | 6 2  | 43    | 29    | 14 sc.    | Fallon Brothers, J.O., Cornwall, Ont.                                       |
| 107370 | Una                  | St. Catharines, Ont.      | 46 0  | 8 8  | 8 0  | 22    | 15    | 2 sc.     | John E. Russell, Toronto, Ont.  |
| 133661 | Una E. Hart          | Sambro, N.S., U.S.A.      | 49 2  | 14 0 | 7 0  | 24    | 11    | 1 sc.     | James L. Hart, Sambro, N.S.   |
| 122429 | Uneas                | Sambro, N.S.              | 35 2  | 11 4 | 5 0  | 11    | 8     | 1 sc.     | M. L. Nickerson and Alex. Cook, Sambro, N.S.                                |
| 92945  | Uncle Jim            | Wallaceburg, Ont.         | 50 0  | 10 5 | 4 3  | 11    | 8     | 1 sc.     | Robert Graham and Mathew Graham, Kagawong, Ont.                             |
| 122546 | Uncle                | Vancouver, B.C.           | 31 1  | 10 0 | 4 9  | 15    | 13    | 1 sc.     | Ian Muir, Victoria, B.C.  |
| 122306 | Undaunted            | Lunenburg, N.S.           | 38 2  | 12 7 | 6 4  | 15    | 13    | 2 sc.     | Clifford Wilmott, M.O., Vogler's Cove, N.S.                                 |
| 103631 | Undine               | Toronto, Ont.             | 31 0  | 7 7  | 2 8  | 9     | 6     | 2 sc.     | The Mine Centre Lumber Co., Ltd., Fort William, Ont.                        |
| 122519 | Union                | Vancouver, B.C.           | 35 7  | 10 5 | 5 3  | 15    | 10    | 1 sc.     | Packers Steamship Co., Ltd., Vancouver, B.C.                                |
| 141771 | Union of Bridgewater | Dayspring, N.S.           | 39 2  | 13 4 | 5 7  | 16    | 9     | 1 sc.     | Union Supply Co., Ltd., Bridgewater, N.S.                                   |
| 85707  | United Lumberman     | Dresden, Ont.             | 139 2 | 31 6 | 11 7 | 399   | 259   | 45 sc.    | Morden Transit Co., Ltd., Midland, Ont.                                     |
| 111548 | Uno                  | Vancouver, B.C.           | 35 2  | 11 5 | 4 0  | 17    | 8     | 2 sc.     | D. McIntosh and A. McKinnon, J.O., Broughton Island, B.C.                   |
| 100653 | Upar                 | Kingston, Ont.            | 48 2  | 10 4 | 3 4  | 17    | 11    | 8 sc.     | O. R. Fraser, Edmonton, Alta.   |
| 126789 | Urasimo              | Steveston, B.C.           | 35 3  | 10 4 | 4 9  | 12    | 8     | 2 sc.     | President Oyster Co., Ltd., Vancouver, B.C.                                 |
| 138061 | Urgel                | Montebello, Que.          | 45 2  | 14 2 | 2 8  | 19    | 12    | 2 1/2 pa. | Henri Carrière, Montebello, Que.  |
| 138402 | V. E. H.             | Canso, N.S.               | 42 7  | 11 4 | 4 0  | 12    | 10    | 1 sc.     | Wm. H. Moulton, North Sydney, N.S.  |
| 139006 | V. M. D.             | Vancouver, B.C.           | 40 0  | 9 4  | 4 4  | 15    | 10    | 1 sc.     | Harry T. Devine, Vancouver, B.C.  |
| 133381 | V. N. & T. Co. No. 1 | Vancouver, B.C.           | 44 6  | 12 6 | 5 9  | 22    | 15    | 5 sc.     | Northern B.C. Fisheries, Ltd., 101 Winch Bldg., Vancouver, B.C.             |
| 130377 | V. S. R.             | Chatham, Ont.             | 20 0  | 4 8  | 2 0  | 1     | 1     | 1 sc.     | Christopher Rutherford, Peterboro, Ont.                                     |
| 131139 | Va et Ven.           | Fasset, Que.              | 38 0  | 14 3 | 2 2  | 10    | 7     | 1 sc.     | Joseph Leblanc, Fasset, Que.  |
| 100639 | Vachie               | Victoria, B.C.            | 40 2  | 10 4 | 4 0  | 10    | 7     | 2 sc.     | Francis W. Walsh, Vancouver, B.C.   |
| 107634 | Vacuna               | Bristol, R.I., U.S.A.     | 75 1  | 13 5 | 8 0  | 52    | 35    | 6 sc.     | Jno. S. Wilson, Massey, Ont.  |
| 116373 | Valecartier          | Cleveland, O., U.S.A.     | 361 0 | 48 2 | 24 0 | 3,755 | 2,248 | 147 sc.   | Montreal Transportation Co., Ltd., 280 St. James St., Montreal, Que.        |
| 131171 | Valerie S.           | Tancook, N.S.             | 47 8  | 12 2 | 6 0  | 17    | 15    | 1 sc.     | Jeremiah Slaucnwhite, Terrence Bay, N.S.                                    |
| 137911 | Valerina             | Carsquet, N.B.            | 39 0  | 14 0 | 5 8  | 18    | 13    | 1 sc.     | Weston Chisholm, New Carlisle, Que.   |
| 111541 | Valhalla             | Nelson, B.C.              | 102 5 | 20 8 | 9 0  | 153   | 34    | 37 sc.    | Canadian Pacific Railway Co., Montreal, Que.                                |
| 130234 | Valinda              | Liverpool, N.S.           | 95 0  | 21 5 | 9 3  | 117   | 60    | 19 sc.    | The Bridgetown Steamship Co., Ltd., Bridgetown, N.S.                        |
| 117142 | Valegrin             | Indian Harbour, N.S.      | 42 0  | 11 6 | 6 2  | 13    | 12    | 3 sc.     | Rabus E. Dickie, Steviacke, N.S.  |
| 69595  | Valleyfield          | Quebec, Que.              | 116 0 | 23 2 | 6 5  | 417   | 280   | 12 sc.    | The Navy League of Canada (Ont. Div.), 34 King St., Toronto, Ont.           |
| 92775  | Vancouver            | Vancouver, B.C.           | 72 0  | 13 7 | 5 2  | 47    | 32    | 13 sc.    | Edmund Kinnie, Vancouver, B.C.  |
| 116907 | Vanguard             | Cape d'Or, N.S.           | 47 2  | 12 3 | 6 0  | 16    | 11    | 23 sc.    | Robinson Wright & Co., Ltd., Shulex, N.S.                                   |
| 130360 | Vaguer               | Vancouver, B.C.           | 31 8  | 7 7  | 4 6  | 10    | 7     | 2 sc.     | Wm. H. Dickson, Anxox, B.C.   |
| 133907 | Varennes             | Sorel, Que.               | 53 7  | 22 4 | 9 7  | 187   | 61    | 40 sc.    | The Minister of Marine and Fisheries, Ottawa, Ont.                          |
| 133800 | Vary Brothers        | Port Stanley, Ont.        | 71 0  | 15 4 | 6 0  | 33    | 18    | 4 sc.     | Albert E. Vary, Port Stanley, Ont.  |
| 72967  | Varuna               | Wolfe Island, Ont.        | 94 4  | 17 0 | 5 1  | 134   | 85    | 40 sc.    | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.             |
| 134214 | Vasa                 | Prince Rupert, B.C.       | 41 5  | 10 5 | 5 0  | 17    | 11    | 3 sc.     | Emory Laclance, Prince Rupert, B.C.   |
| 141454 | Vaudreuil            | Cleveland, O., U.S.A.     | 278 0 | 40 0 | 20 3 | 2,514 | 1,436 | 136 sc.   | Victor W. Scott, Montreal, Que.   |
| 134258 | Vaughan              | Lanzon, Que.              | 82 7  | 19 3 | 9 0  | 134   | 91    | 20 sc.    | The Minister of Public Works, Ottawa, Ont.                                  |
| 141101 | Vedette              | Sekirk, Man.              | 28 4  | 4 8  | 7 5  | 5     | 5     | 1 sc.     | Fred H. Gray, Cornwall, Ont.  |
| 88578  | Vega                 | Peterborough, Ont.        | 37 0  | 6 6  | 3 5  | 17    | 8     | 4 sc.     | J. K. Macdonald, Toronto, Ont.  |
| 126271 | Velona W.            | Kingston, Ont.            | 39 4  | 8 8  | 3 6  | 11    | 8     | 1 sc.     | Chas. F. Wingate, Vancouver, B.C.   |
| 138693 | Vencedor             | Watson, U.S.A.            | 37 0  | 8 8  | 5 5  | 22    | 16    | 2 sc.     | Northern Cedar Logging Co., Ltd., 1104 Standard Bank Bldg., Vancouver, B.C. |
| 117147 | Venetia              | Malbone Bay, N.S.         | 30 5  | 9 0  | 3 5  | 5     | 5     | 1 sc.     | Joseph N. Pettipas, Bay of Islands, Nfld.                                   |
| 129475 | Venture              | Old Kilpatrick, G.B.      | 180 4 | 32 1 | 17 0 | 1,011 | 580   | 171 sc.   | Union Steamship Co. of British Columbia, Ltd., Vancouver, B.C.              |

<sup>1</sup>Formerly "Tarantula," <sup>2</sup>Formerly "Welcome," <sup>3</sup>Formerly a sailing vessel, <sup>4</sup>Foreign name "William Henry Mack," <sup>5</sup>Formerly "Paul Smith" and "Gatineau."

<sup>6</sup>Recovered wreck, <sup>7</sup>Formerly "Welcome," <sup>8</sup>Turbines

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

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Abbreviations: **J.O.**, Joint Owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant; **P.a.**, Paddle—à aubes; **S.c.**, Screw—à hélice.   
 Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Build.<br>Construction | Where Built.<br>Lieu de construction. | Length in feet and 10ths. | Breadth in feet and 10ths. | Largeur en pieds et 10es. | Depth in feet and 10ths. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en chevaux et mode de propulsion | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|------------------------|---------------------------------------|---------------------------|----------------------------|---------------------------|--------------------------|---------------------------------|--|--|---|
| 107449       | Vera.....                       | Vancouver.                                  | 1898                   | Birkenhead, G.B.                      | 31 5                      | 7 3                        | 3 8                       | 6                        | 4                               | 6 sc.                                      | James A. Brown, Port Essington, B.C.   |   |
| 116251       | Vera A.....                     | Toronto.                                    | 1902                   | Midland, Ont.                         | 35 3                      | 9 0                        | 3 3                       | 7                        | 9                               | 1 sc.                                      | Georgia Bay Lumber Co., Ltd., Waukegan, Ont.   |   |
| 133975       | Vera M.....                     | New Westminster.                            | 1913                   | Steveston, B.C.                       | 39 0                      | 9 6                        | 2 4                       | 13                       | 9                               | 1 sc.                                      | Peerless Timber Co., Ltd., 509 Winch Bldg., Vancouver, B.C.  |   |
| 130686       | Vera Mail.....                  | Framenburg.                                 | 1911                   | Tancok, N.S.                          | 46 6                      | 13 4                       | 8 2                       | 24                       | 22                              | 1 sc.                                      | Alexander Slauchwhite and Jas. O. Slauchwhite, Terrace Bay, N.S.                                   |   |
| 126211       | Vera S. Fry.....                | Vancouver.                                  | 1908                   | Vancouver, B.C.                       | 29 0                      | 10 5                       | 4 8                       | 7                        | 5                               | 1 sc.                                      | Chen Ying, Prince Rupert, B.C.   |   |
| 126384       | Vera T.....                     | Quebec.                                     | 1908                   | Levis, Que.                           | 47 9                      | 12 4                       | 7 9                       | 36                       | 22                              | 3 sc.                                      | Quebec Towing and Transportation Co., Ltd., 46 St. James St., Quebec, Que.                         |   |
| 130665       | Veralda.....                    | Victoria.                                   | 1910                   | Seattle, Wash., U.S.A.                | 34 0                      | 11 6                       | 6 6                       | 12                       | 8                               | 2 sc.                                      | Mrs. E. H. A. White, Vancouver, B.C.   |   |
| 122601       | Verbona.....                    | Kenora.                                     | 1907                   | Kenora, Ont.                          | 70 0                      | 16 0                       | 6 0                       | 72                       | 49                              | 13 sc.                                     | Lake of the Woods Milling Co., Ltd., Montreal, Que.  |   |
| 94913        | Verbona May.....                | Southampton.                                | 1888                   | Southampton, Ont.                     | 38 0                      | 12 0                       | 4 6                       | 16                       | 11                              | 8 sc.                                      | Richard Cauley, Mars, P.O., Ont.   |   |
| 133365       | Verheres.....                   | Sorel.                                      | 1906                   | Sorel, Que.                           | 92 8                      | 17 0                       | 6 5                       | 147                      | 53                              | 24 sc.                                     | The Minister of Marine and Fisheries, Ottawa.  |   |
| 121956       | Vordia Belle.....               | Port Stanley.                               | 1908                   | Port Stanley, Ont.                    | 55 5                      | 13 6                       | 6 4                       | 34                       | 23                              | 4 sc.                                      | Charles Ross and Ephraim G. Moyer, J.O., Danville, Ont.  |   |
| 126387       | Vermillion.....                 | Quebec.                                     | 1909                   | Grandes Piles, Que.                   | 77 5                      | 14 6                       | 3 2                       | 41                       | 23                              | 3 pa.                                      | The St. Maurice Construction Co., Ltd., 83 Craig St., Montreal, Que.                               |   |
| 130681       | Verna L.....                    | Framenburg.                                 | 1907                   | Sarnauar, Que.                        | 40 6                      | 10 9                       | 5 5                       | 12                       | 11                              | 1 sc.                                      | Wellesley Wambolt, La Havre, N.S.  |   |
| 107123       | Vernon J.F.....                 | Brookville.                                 | 1902                   | Monticove, N.S.                       | 70 6                      | 13 6                       | 7 0                       | 46                       | 26                              | 10 sc.                                     | William H. Constock, Brookville, Ont.  |   |
| 103639       | Verna.....                      | Toronto.                                    | 1898                   | Wahnapite, Ont.                       | 66 0                      | 15 2                       | 6 0                       | 55                       | 37                              | 40 sc.                                     | John Waldo, Toronto, Ont.  |   |
| 88236        | Vesper.....                     | Brookville.                                 | 1887                   | Brookville, Ont.                      | 30 7                      | 60 2                       | 2 6                       | 2                        | 11                              | 3 sc.                                      | W. J. Gibbard, Napanee, Ont.   |   |
| 116923       | Vesta.....                      | Victoria.                                   | 1904                   | Port Simpson, B.C.                    | 41 0                      | 8 5                        | 5 6                       | 12                       | 7                               | 2 sc.                                      | D. A. Robertson and George Judge, Port Simpson, B.C.   |   |
| 131189       | Vesta.....                      | St. John, N.B.                              | 1916                   | Camborde, N.B.                        | 40 9                      | 10 2                       | 5 0                       | 3                        | 8                               | 4 sc.                                      | H. B. Bridges and E. R. Reid, Gagetown, N.B.   |   |
| 130270       | Veuve.....                      | Ottawa.                                     | 1908                   | Sturgeon Falls, Ont.                  | 38 0                      | 12 0                       | 3 3                       | 22                       | 14                              | 1 pa.                                      | George Gordon & Co., Ltd., Cache Bay, Ont.   |   |
| 131728       | Vezor.....                      | Chatham, N.B.                               | 1889                   | Chatham, N.B.                         | 71 6                      | 15 8                       | 5 0                       | 46                       | 29                              | 15 pa.                                     | Richards Manufacturing Co., Ltd., Campbellton, N.B.  |   |
| 131769       | Vezor.....                      | Chatham, N.B.                               | 1906                   | Vancouver, B.C.                       | 34 0                      | 9 7                        | 4 4                       | 14                       | 10                              | 13 sc.                                     | Frank Aldridge, Prince Rupert, B.C.  |   |
| 130778       | Vezor.....                      | Winnipeg.                                   | 1906                   | The Landing Man.,                     | 52 0                      | 12 0                       | 4 5                       | 26                       | 18                              | 3 sc.                                      | The Northern Fish Co., Ltd., Selkirk, Man.   |   |
| 130779       | Vezor.....                      | Montreal.                                   | 1908                   | Montreal, Que.                        | 40 2                      | 10 3                       | 3 7                       | 11                       | 3                               | 1 sc.                                      | Gordon Wambolt, Indian Harbour, N.S.   |   |
| 130780       | Vezor.....                      | Montreal.                                   | 1912                   | Montreal, Que.                        | 34 5                      | 6 3                        | 2 7                       | 3                        | 3                               | 1 sc.                                      | Henri Truchon, Montreal, Que.  |   |
| 117176       | Vezor T.....                    | Brookville.                                 | 1900                   | Kingston, Ont.                        | 72 4                      | 15 5                       | 5 0                       | 58                       | 40                              | 3 sc.                                      | Geo. A. Davis, Smith's Falls, Ont.   |   |
| 111656       | Vezora.....                     | Montreal.                                   | 1902                   | Sorel, Que.                           | 101 7                     | 21 2                       | 9 9                       | 143                      | 108                             | 17 sc.                                     | Onesiphore and Eplage Malette, Rigaud, Que.  |   |
| 107408       | Vezora.....                     | Montreal.                                   | 1902                   | Toronto, Ont.                         | 100 0                     | 21 0                       | 5 6                       | 181                      | 108                             | 17 sc.                                     | Victoria Navigation Co., Ltd., Ottawa, Ont.  |   |
| 119100       | Vezora.....                     | Ottawa.                                     | 1889                   | Sorel, Ont.                           | 42 4                      | 16 0                       | 3 6                       | 25                       | 20                              | 20 pa.                                     | Victoria Harbour Lumber Co., Ltd., Toronto, Ont.   |   |
| 108292       | Vezora.....                     | Ottawa.                                     | 1904                   | Puevash, N.S.                         | 64 4                      | 17 4                       | 6 6                       | 68                       | 40                              | 5 sc.                                      | Geo. D. Grimmer, St. Andrews, N.B.   |   |
| 119751       | Vezora.....                     | Toronto.                                    | 1904                   | Toronto, N.S.                         | 37 8                      | 10 0                       | 3 9                       | 13                       | 9                               | 2 sc.                                      | Peter Light, Ponceauganshene, Ont.   |   |

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|        |             |      |                           |       |      |        |        |         |  |
|--------|-------------|------|---------------------------|-------|------|--------|--------|---------|--|
| 128187 | Victoria    | 1908 | Paisley, G.B.             | 103 1 | 32 1 | 791    | 293    | 164 sc. | Les Playfair, Midland, Ont.  |
| 116365 | Victoria K  | 1902 | Goderich, Ont.            | 72 4  | 15 1 | 44     | 28     | 14 sc.  | David Sullivan, Blind River, Ont.                                      |
| 106397 | Victoria    | 1895 | Victoria, B.C.            | 146 5 | 33 4 | 716    | 455    | 15 pa.  | British Yukon Navigation Co., Ltd., 589 Granville St., Vancouver, B.C. |
| 116700 | Viga        | 1903 | Kenora, Ont.              | 18 0  | 5 4  | 1      | —      | 2 sc.   | Henry de Stras, Whitehead, Sask., and R. Wolff, Winnipeg, Man., J.O.   |
| 117070 | Vigilant    | 1904 | Toronto, Ont.             | 177 0 | 22 1 | 396    | 243    | 65 sc.  | The Minister of the Naval Service, Ottawa, Ont.                        |
| 11594  | Vigilant    | 1899 | Victoria, B.C.            | 52 0  | 12 4 | 50     | 20     | 8 sc.   | Robt. Bailey, Vancouver, B.C.  |
| 116371 | Viking      | 1907 | Loosport, Ont.            | 44 0  | 11 4 | 15     | 10     | 4 sc.   | Thomas Craigie, Rossport, Ont.   |
| 140927 | Vimy O      | 1903 | Toronto, Ont.             | 134 0 | 23 5 | 320    | 204    | 59 sc.  | The Minister of the Naval Service, Ottawa, Ont.                        |
| 138760 | Vimy Ridge  | 1903 | Boston, Minn., U.S.A.     | 57 0  | 16 5 | 7 2    | 42     | 2 sc.   | The Montreal, Ltd., 71 Upper Water St., Halifax, N.S.                  |
| 122515 | Vina        | 1907 | Vancouver, B.C.           | 34 4  | 9 0  | 4 3    | 16     | 11 sc.  | Mrs. Annetta Anderson, North Vancouver, B.C.                           |
| 130443 | Viper       | 1911 | North Vancouver, B.C.     | 45 7  | 14 5 | 24     | 16     | 23 sc.  | H. Bell-Irving & Co., Ltd., Vancouver, B.C.                            |
| 138559 | Vimount     | 1889 | Cleveland, O., U.S.A.     | 260 6 | 38 0 | 1, 857 | 1, 107 | 107 sc. | Montreal Transportation Co., Ltd., 286 St. James St., Montreal, Que.   |
| 110880 | Viole       | 1905 | Hamilton, Ont.            | 35 0  | 9 5  | 3 4    | 5      | 1 sc.   | Arthur E. Masters, et al., Niagara-on-the-Lake, Ont.                   |
| 133572 | Violet A    | 1913 | Vancouver, B.C.           | 30 0  | 8 0  | 3 6    | 8      | 1 sc.   | Harry A. H. Rice, Duncan, B.C.   |
| 134103 | Violet B    | 1901 | Grouse, B.C.              | 54 7  | 16 6 | 26     | 18     | 3 sc.   | Raymond N. D'Entremont, West Pukico, N.S.                              |
| 129412 | Violet B    | 1901 | Hamilton, Ont.            | 29 0  | 7 0  | 4 0    | 7      | 3 sc.   | Henry Wallace, Minett, P.O., Muskoka, Ont.                             |
| 137880 | Violet B    | 1910 | Vancouver, N.S.           | 42 0  | 10 2 | 5 0    | 14     | 10 sc.  | Thos. Richardson, Stoneburst, N.S.                                     |
| 128917 | Violet F    | 1911 | Stamford, N.S.            | 37 9  | 11 4 | 10     | 14     | 10 sc.  | Jones H. Smith, Sableport, N.S.  |
| 130506 | Violet G    | 1909 | Vancouver, N.S.           | 42 2  | 10 3 | 5 3    | 11     | 8 sc.   | Wilson Allen, Sydney, N.S.   |
| 138009 | Violet G    | 1917 | Rosport, Ont.             | 51 2  | 16 0 | 6 4    | 37     | 25 sc.  | Joseph A. Nicol, Rossport, Ont.  |
| 133571 | Violet G    | 1913 | Parsons, N.S.             | 44 5  | 11 3 | 4 4    | 19     | 13 sc.  | The Minister of Customs, Ottawa, Ont.                                  |
| 107480 | Viper       | 1899 | Quebec, Ont.              | 40 6  | 7 0  | 4 6    | 8      | 5 sc.   | F. J. Drake, Kingston, Ont.  |
| 130852 | Viper       | 1901 | Quebec, Ont.              | 60 0  | 13 0 | 5 6    | 34     | 19 sc.  | The Toronto Harbour Commissioners, Bay St., Toronto, Ont.              |
| 130851 | Vipond      | 1912 | Mahone Bay, N.S.          | 58 4  | 15 1 | 6 8    | 26     | 16 sc.  | Dominion Fisheries, Ltd., Halifax, N.S.                                |
| 133733 | Vireo       | 1913 | Vancouver, B.C.           | 31 7  | 8 3  | 3 0    | 5      | 1 sc.   | Alexander Marshall, Vancouver, B.C.                                    |
| 141880 | Virginia    | 1919 | Sorel, Que.               | 80 5  | 23 5 | 10 8   | 159    | 54 sc.  | The Sincennes McNaughton Line, Limited, 75 Common St. Montreal, Que.   |
| 129190 | Virginie S  | 1910 | New Harbour, N.S.         | 41 0  | 12 9 | 7 1    | 16     | 3 sc.   | Elias V. Landry and Elias M. Boudrot, J.O., Petit de Grat, N.S.        |
| 134070 | Vivian B    | 1913 | Vancouver, B.C.           | 36 2  | 8 7  | 4 0    | 8      | 5 sc.   | John M. Stewart, Prince Rupert, B.C.                                   |
| 137069 | Vivian      | 1918 | River Bourgeois, N.S.     | 29 0  | 10 0 | 5 6    | 11     | 11 sc.  | Jeffery Landry, River Bourgeois, N.S.                                  |
| 126627 | Vlad Spark  | 1914 | Vancouver, N.B.           | 36 2  | 10 5 | 3 5    | 10     | 7 sc.   | Wm. L. Selig, Prince Rupert, B.C.                                      |
| 134328 | Vladine     | 1893 | Wyanndotte, Mich., U.S.A. | 37 3  | 10 8 | 5 5    | 13     | 11 sc.  | Philip Gagnon, Inkerman, N.B.  |
| 118408 | Vladine     | 1893 | Inkerman, N.B.            | 33 0  | 8 0  | 3 6    | 7      | 5 sc.   | John McEwen, Sarnia, Ont.  |
| 134309 | Vladivostok | 1907 | West Dover, N.S.          | 33 2  | 10 0 | 5 2    | 11     | 10 sc.  | Maynard Cleveland, Halifax, N.S.                                       |
| 115192 | Vlora       | 1898 | Kispio, B.C.              | 35 0  | 7 0  | 3 0    | 7      | 2 sc.   | Geo. W. Hale, Nelson, B.C.   |
| 134025 | Vogue       | 1913 | Vancouver, B.C.           | 32 4  | 8 4  | 4 2    | 10     | 7 sc.   | James Clark, Vancouver, B.C.   |
| 138658 | Volant      | 1920 | Trenton, B.C.             | 270 0 | 38 2 | 17 9   | 1, 056 | 160 sc. | Patrick B. Johnston, Maple Bay, B.C.                                   |
| 134524 | Volunda II  | 1915 | Mira Gut, N.S.            | 52 7  | 14 1 | 5 3    | 23     | 7 sc.   | "Wasie's" S.S. Co., Ltd., New Glasgow, N.S.                            |
| 111974 | Voluta      | 1903 | Port Hawkesbury, N.S.     | 38 0  | 12 0 | 6 3    | 14     | 3 sc.   | Joseph L. Phillips, Mira Gut, N.S.                                     |
| 166553 | Voyager     | 1895 | Montréal, Que.            | 67 6  | 12 0 | 4 8    | 24     | 8 sc.   | Edwin S. Pratt, Parry Sound, Ont.                                      |
| 141830 | Voyager III | 1920 | Harrison Mills, B.C.      | 50 0  | 10 1 | 4 6    | 24     | 16 sc.  | Chas. N. Pretty, Vancouver, B.C.                                       |
| 107925 | Vulcan      | 1899 | New Westminster, B.C.     | 72 0  | 16 0 | 7 5    | 47     | 52 sc.  | The Brunette Sawmill Co., Ltd., Sapperton, B.C.                        |
| 92756  | Vulcan      | 1889 | Dalhousie, N.B.           | 43 3  | 11 8 | 5 5    | 18     | 13 sc.  | The Mabou & Gulf Coal Co., Ltd., Mabou, N.S.                           |
| 130851 | WV, No. 1   | 1911 | Seattle, Wash., U.S.A.    | 50 0  | 13 3 | 4 8    | 27     | 19 sc.  | Wallace Fisheries, Ltd., 1040-736 Granville St. W., Vancouver, B.C.    |
| 138157 | W, No. 2    | 1916 | Vancouver, B.C.           | 33 8  | 9 1  | 3 8    | 9      | 6 sc.   | Wallace Fisheries, Ltd., 1040-736 Granville St. W., Vancouver, B.C.    |
| 134029 | W, No. 4    | 1912 | Seattle, Wash., U.S.A.    | 44 0  | 13 0 | 5 2    | 22     | 15 sc.  | Wallace Fisheries, Ltd., 1001 Vancouver Bldg., Vancouver, B.C.         |
| 141438 | W, No. 6    | 1917 | Tacoma, Wash., U.S.A.     | 56 1  | 15 0 | 6 4    | 42     | 26 sc.  | Wallace Fisheries, Ltd., 1040-736 Granville St. W., Vancouver, B.C.    |
| 121678 | W. L.       | 1905 | Whatecom, Wash., U.S.A.   | 23 0  | 4 8  | 2 2    | 2      | 3 sc.   | W. Lomborg, Vancouver, B.C.  |

\*Foreign name "St. Nicholas."

\*Foreign name "Boston."

\*Foreign name "Welcome."

\*Formerly "Dolaura."

\*Formerly a sailing vessel.

\*Formerly "American Girl."

\*Recovered wreck.

\*Foreign name "Welcome."

ALPHABETICAL LIST OF Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—*Abbreviations*: J.O., Joint Owners; prop. propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Paddle—à aubes; Sc., Screw—à hélice.   
 © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in italics—Les noms des vapeurs à moteurs sont en italiques.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Construit et | Where Built.<br>Lieu de construction. | Length in feet and 10ths. | Breadth in feet and 10ths. | Depth in feet and 10ths. | Gross Tonnage. | Registered Tonnage. | Tonnage enregistre. | H.P. of Engines and Mode of Propulsion.                         | Power of engines in H.P. et mode de propulsion.                                  | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|------------------------|---------------------------------------|---------------------------|----------------------------|--------------------------|----------------|---------------------|---------------------|---|--|---|
| 138131       | W. H. D.                        | Quebec                                      | 1913                   | Misissinigi, Que.                     | 42 0                      | 12 6                       | 4 0                      | 13             | 10                  | 10                  | 1 sc.   | Horace Déry, Misissinigi, Que.   |   |
| 138093       | W. B. Morley                    | Montreal                                    | 1892                   | Marine City, Mich., U.S.A.            | 248 0                     | 42 2                       | 23 0                     | 1,913          | 1,087               | 1,087               | 107 sc.   | Lechaine Transportation and Coal Co., Ltd., 42 St. Sacrament St., Montreal, Que. |   |
| 116663       | W. B. Russel                    | Toronto                                     | 1906                   | Midland, Ont.                         | 42 0                      | 11 5                       | 4 5                      | 22             | 8                   | 6                   | 6 sc.   | The York Construction Co., Ltd., Toronto, Ont.                                   |   |
| 117036       | W. D. Brock                     | Sault Ste. Marie                            | 1914                   | Toronto, Ont.                         | 316 0                     | 48 0                       | 24 1                     | 3,429          | 2,030               | 169 sc.             | Algoma Central & Hudson Bay Railway Co., Sault Ste. Marie, Ont. |  |   |
| 116291       | W. C. Franz                     | Sault Ste. Marie                            | 1901                   | Wyandotte, Mich., U.S.A.              | 346 0                     | 48 0                       | 3 7                      | 13             | 9                   | 2                   | 2 sc.   | Thomas Longworth, Sault Ste. Marie, Ont.   |   |
| 117036       | W. D. Brock                     | Sault Ste. Marie                            | 1905                   | Echo Bay, Ont.                        | 35 0                      | 10 0                       | 3 7                      | 13             | 9                   | 2                   | 2 sc.   | Thomas Longworth, Sault Ste. Marie, Ont.   |   |
| 116291       | W. D. Brock                     | Sault Ste. Marie                            | 1903                   | Wyandotte, Mich., U.S.A.              | 346 0                     | 48 0                       | 28 0                     | 3,965          | 2,450               | 151 sc.             | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que. |  |   |
| 134018       | W. G. Harrow                    | Port Arthur                                 | 1893                   | Port Huron, Mich.                     | 94 5                      | 19 2                       | 9 0                      | 110            | 75                  | 20                  | 20 sc.  | The Dominion Fish Co., Ltd., Warrton, Ont.                                       |   |
| 134518       | W. H. Lee                       | Ottawa                                      | 1889                   | U.S.A.                                | 128 9                     | 30 0                       | 11 0                     | 317            | 190                 | 61                  | 61 sc.  | The Minister of the Naval Service, Ottawa, Ont.                                  |   |
| 111810       | W. H. Seymour                   | Sault Ste. Marie                            | 1874                   | Manitowish, Wis., U.S.A.              | 66 0                      | 17 3                       | 8 5                      | 42             | 42                  | 42                  | 40 sc.  | Andrew Roque, Blind River, Ont.  |   |
| 71247        | W. J. Atkins                    | Toronto                                     | 1874                   | Buffalo, N.Y., U.S.A.                 | 60 0                      | 15 0                       | 8 5                      | 82             | 25                  | 25                  | 40 sc.  | D. C. Graham, Port William, Ont.   |   |
| 107133       | W. J. Currier                   | Montreal                                    | 1886                   | Wilkesbarre, Wis., U.S.A.             | 122 0                     | 27 8                       | 9 6                      | 317            | 170                 | 170                 | 36 sc.  | The Robert Hicks Coal and Towing Co., Ltd., Cobourg, Ont.                        |   |
| 107133       | W. J. Currier                   | Montreal                                    | 1886                   | Wilkesbarre, Wis., U.S.A.             | 122 0                     | 27 8                       | 9 6                      | 317            | 170                 | 170                 | 36 sc.  | The Robert Hicks Coal and Towing Co., Ltd., Cobourg, Ont.                        |   |
| 107133       | W. J. Currier                   | Montreal                                    | 1886                   | Wilkesbarre, Wis., U.S.A.             | 122 0                     | 27 8                       | 9 6                      | 317            | 170                 | 170                 | 36 sc.  | The Robert Hicks Coal and Towing Co., Ltd., Cobourg, Ont.                        |   |
| 107133       | W. J. Currier                   | Montreal                                    | 1886                   | Wilkesbarre, Wis., U.S.A.             | 122 0                     | 27 8                       | 9 6                      | 317            | 170                 | 170                 | 36 sc.  | The Robert Hicks Coal and Towing Co., Ltd., Cobourg, Ont.                        |   |
| 780410       | W. J. Guest                     | Winnipeg                                    | 1917                   | Saskatoon, Man.                       | 85 6                      | 19 0                       | 8 0                      | 97             | 66                  | 66                  | 20 sc.  | The Northern Fish Co., Ltd., Selkirk, Man.                                       |   |
| 780410       | W. J. Guest                     | Winnipeg                                    | 1917                   | Saskatoon, Man.                       | 85 6                      | 19 0                       | 8 0                      | 97             | 66                  | 66                  | 20 sc.  | The Northern Fish Co., Ltd., Selkirk, Man.                                       |   |
| 122613       | W. L. Forrest                   | Charlton, Ont.                              | 1883                   | Charlton, Ont.                        | 35 0                      | 8 0                        | 3 0                      | 9              | 6                   | 6                   | 40 sc.  | St. Clair Tannal Co., Sarnia, Ont.   |   |
| 131421       | W. L. Murphy                    | Ottawa                                      | 1912                   | Goderich, Ont.                        | 68 0                      | 17 6                       | 9 6                      | 84             | 57                  | 37                  | 37 sc.  | William Birmingham, et al. Goderich, Ont.  |   |
| 131421       | W. L. Murphy                    | Ottawa                                      | 1912                   | Pembroke, Ont.                        | 88 6                      | 18 0                       | 6 5                      | 80             | 49                  | 49                  | 4 sc.   | William L. Murphy, Pembroke, Ont.  |   |
| 94697        | W. M. Weather-<br>spoon         | Sydney, N.S.                                | 1890                   | Digby, N.S.                           | 70 2                      | 15 8                       | 6 6                      | 59             | 31                  | 24                  | 24 sc.  | Henry, Ltd., Halifax, N.S.   |   |
| 96869        | W. P. Buckley                   | Prescott                                    | 1870                   | Wilson, N.Y., U.S.A.                  | 45 0                      | 9 5                        | 3 4                      | 27             | 12                  | 20                  | 20 pa.  | James Buckley, Prescott, Ont.  |   |
| 134497       | W. B. Charlton                  | Quebec                                      | 1906                   | Sault au Loup, Que.                   | 70 0                      | 19 5                       | 5 2                      | 62             | 36                  | 20                  | 20 pa.  | Walter B. Charlton, Sault au Loup, Que.  |   |
| 134211       | W. R. Lord                      | Prince Rupert                               | 1912                   | Gir H a u b o u r t, Wash., U.S.A.    | 56 5                      | 16 6                       | 6 8                      | 40             | 27                  | 3                   | 3 sc.   | Canadian Fish & Cold Storage Co., Ltd., Vancouver, B.C.                          |   |
| 107592       | W. S. Oldfield                  | Owen Sound                                  | 1898                   | Warrton, Ont.                         | 42 0                      | 12 4                       | 5 0                      | 15             | 10                  | 10                  | 26 sc.  | Geo. Gorrell and John Mossip, J.O., Moulton, Ont.                                |   |
| 130725       | W. F. Baker                     | Lancaster                                   | 1905                   | Tanook, N.S.                          | 39 6                      | 9 9                        | 5 2                      | 10             | 10                  | 10                  | 4 sc.   | Jeremiah Lloyd, East Port La Have, N.S.  |   |
| 126747       | W. Earleton                     | Vancouver                                   | 1908                   | Van Anka, B.C.                        | 35 5                      | 9 4                        | 4 3                      | 11             | 7                   | 1                   | 1 sc.   | Ivor Siverson, Lasquet Isl., B.C.  |   |
| 126517       | W. Grant                        | Victoria                                    | 1910                   | Victoria, B.C.                        | 93 0                      | 18 0                       | 10 3                     | 103            | 37                  | 45                  | 45 sc.  | Consolidated Whaling Corporation, Ltd., 64 King St. E., Toronto, Ont.            |   |
| 134015       | W. Grant Morden                 | Port Arthur                                 | 1914                   | Port Arthur, Ont.                     | 604 0                     | 59 2                       | 27 8                     | 8,611          | 6,086               | 210                 | 210 sc.   | The Canada Interlake Line, Ltd., Toronto, Ont.                                   |   |
| 100702       | Wabana                          | Pictou, N.S.                                | 1899                   | New Glasgow, N.S.                     | 41 0                      | 8 4                        | 5 2                      | 12             | 8                   | 4                   | 4 sc.   | The Nova Scotia Steel & Coal Co., Ltd., New Glasgow, N.S.                        |   |





ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—*Abbréviations*: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Paddle—à aubes; Sc., Screw—à hélice. © Equipped with Wireless—Muni de la T.S.F.—Names of Motor Vessels in *italics*—Les noms des vapeurs à moteurs en *italiques*.

| Official No. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Build.<br>Construction. | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10 <sup>es</sup> . | Breadth in feet and 10ths.<br>Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths.<br>Profondeur en pieds et 10 <sup>es</sup> . | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en e.v. et mode de propulsion. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--------------|---------------------------------|---|-------------------------|---------------------------------------|--|--|---|---------------------------------|--|--|---|
| 138497       | Wau Rano                        | Montreal                                    | 1917                    | Sumner, Que.                          | 80 2   | 13 8   | 3 7   | 61                              | 34   | 5 hp.  | The St. Maurice Construction Co., Ltd., 83 Craig St. W., Montreal, Que.               |
| 112336       | Waubushene                      | Collingwood                                 | 1904                    | Collingwood, Ont.                     | 78 0   | 18 5   | 12 6  | 135                             | 92   | 37 sc.   | Georgia Bay Lumber Co. Ltd., Waubushene, Ont.   |
| 122555       | Waukeo                          | Collingwood                                 | 1904                    | Collingwood, Ont.                     | 131 1  | 25 0   | 9 5   | 501                             | 241  | 61 sc.   | Canada Steamship Lines, Ltd., 9 Victoria Sq., Montreal, Que.                          |
| 134423       | Waukesha                        | Victoria                                    | 1912                    | Vancouver, B.C.                       | 32 8   | 8 3  | 4 4   | 10                              | 7  | 1 sc.  | Alba W. and W. C. Johns, J.O., Victoria, B.C.   |
| 137405       | Waukena                         | Toronto                                     | 1911                    | Midland, Ont.                         | 72 0   | 16 5   | 10 5  | 91                              | 54   | 71 sc.   | The Marine and Public Works, J.O., Toronto, B.C.                                      |
| 130071       | Waukeno                         | Collingwood                                 | 1912                    | Collingwood, Ont.                     | 65 2   | 11 5   | 5 0   | 29                              | 20   | 3 sc.  | Fredrickson, Watters, Collingwood, Ont.   |
| 111889       | Wawaka                          | Peterborough                                | 1906                    | Lakeland, Ont.                        | 25 2   | 5 2  | 5 5   | 2                               | 8  | 4 sc.  | Thomas and Willis, Gordon, J.O., Lakesfield, Ont.                                     |
| 129908       | Wawara                          | Halifax                                     | 1910                    | Malbone Bay, N.S.                     | 32 6   | 10 0   | 6 0   | 9                               | 7  | 4 sc.  | Harold Metzger, Halifax, N.S.   |
| 107750       | Waway                           | Kineston                                    | 1901                    | Kineston, Ont.                        | 41 0   | 8 6  | 3 4   | 9                               | 6  | 4 sc.  | Mrs. Gerald G. O'Grady, Toronto, Ont.   |
| 138870       | Wawayasa                        | Vancouver                                   | 1917                    | Vancouver, B.C.                       | 68 3   | 14 8   | 7 4   | 55                              | 37   | 5 sc.  | The Packers' Steamship Co., Ltd., 517 Granville St., Vancouver B.C.                   |
| 116769       | Waynaskesh                      | Toronto                                     | 1903                    | Simcoe, Ont.                          | 37 0   | 9 3  | 2 8   | 19                              | 12   | 2 hp.  | Wm. E. Rivewood, Toronto, Ont.  |
| 116782       | Waymet                          | Toronto                                     | 1904                    | Toronto, Ont.                         | 87 0   | 12 5   | 7 5   | 68                              | 46   | 9 sc.  | Wm. McKenzie, Toronto, Ont.   |
| 122541       | We Tavo                         | Vancouver                                   | 1907                    | Vancouver, B.C.                       | 50 9   | 13 5   | 6 4   | 32                              | 22   | 9 sc.  | The Western Transport Co. Ltd., Nanaimo, B.C.   |
| 126797       | Weasel                          | New Westminster                             | 1910                    | New Westminster, B.C.                 | 26 6   | 7 9  | 2 8   | 4                               | 3  | 1 sc.  | James W. H. Cartmell, Chilliwack, B.C.  |
| 121919       | Weipo                           | Kenora                                      | 1907                    | Kenora, Ont.                          | 22 0   | 6 0  | 3 4   | 4                               | 3  | 3 sc.  | Charles N. Sterling, Kenora, Ont.   |
| 126892       | Wekasit                         | Vancouver                                   | 1909                    | Vancouver, B.C.                       | 31 7   | 8 6  | 3 4   | 15                              | 10   | 13 sc.   | The Attorney General for the Province of British Columbia, Victoria, B.C.             |
| 85506        | Wellcome                        | Port Arthur                                 | 1886                    | Collingwood, Ont.                     | 52 0   | 11 0   | 5 2   | 21                              | 14   | 8 sc.  | Samuel Wright, Port Arthur, Ont.  |
| 111596       | Wellcome                        | New Westminster                             | 1901                    | Harrison River, B.C.                  | 75 0   | 9 0  | 2 5   | 32                              | 20   | 4 hp.  | Tidewater Timber Co. Ltd., Vancouver, B.C.  |
| 141352       | Wellton                         | Ottawa                                      | 1919                    | Aylmer, Que.                          | 88 4   | 19 0   | 6 9   | 107                             | 63   | 24 sc.   | The Chats Falls Navigation Co. Limited, 75 Sparks St., Ottawa, Ont.                   |
| 126444       | Wendigo                         | Kenora                                      | 1908                    | Kenora, Ont.                          | 52 0   | 11 0   | 4 0   | 33                              | 22   | 2 sc.  | Rat Portage Lumber Co. Ltd., St. Boniface, Man.                                       |
| 107685       | Wenona                          | Prescott                                    | 1905                    | Prescott, Ont.                        | 66 6   | 10 4   | 4 6   | 26                              | 17   | 8 sc.  | Upper Ontario Steamboat Co. Ltd., New Liskeard, Ont.                                  |
| 111841       | Wenonah                         | Chatham, N.B.                               | 1901                    | Chatham, N.B.                         | 31 5   | 8 8  | 4 2   | 9                               | 6  | 4 sc.  | P. M. Tweedie, Chatham, N.B.  |
| 103650       | Wenonah                         | Kineston                                    | 1899                    | Olive's Ferry, Ont.                   | 37 0   | 8 6  | 3 5   | 6                               | 4  | —  | Wm. McLaren, Perth, Ont.  |
| 92435        | Wenonah                         | Toronto                                     | 1886                    | Bark's Falls, Ont.                    | 94 6   | 18 0   | 6 8   | 93                              | 56   | 9 sc.  | Robert J. Watson, Bark's Falls, Ont.  |
| 138574       | Wessee                          | Windsor, Ont.                               | 1901                    | Green Bay, Wis., U.S.A.               | 265 5  | 42 0   | 22 7  | 1829                            | 1062                                       | 99 sc.   | Robert Malsley, Wm. M. Gaffield, J.O., Sandwich, Ont.                                 |
| 130868       | West                            | New Westminster                             | 1912                    | Steveston, B.C.                       | 41 0   | 10 3   | 4 3   | 17                              | 24   | 1 sc.  | The Packers Steamship Co., Ltd., 517 Granville St., Vancouver, B.C.                   |
| 111861       | West Arm                        | Ottawa                                      | 1901                    | Sturgeon Falls, Ont.                  | 55 0   | 12 8   | 5 5   | 27                              | 9  | 35 sc.   | Henry Quessal, J.P., Sturgeon Falls, Ont.   |
| 138776       | West Bay                        | Victoria                                    | 1917                    | Victoria, B.C.                        | 35 0   | 11 2   | 4 8   | 16                              | 8  | 2 sc.  | Victor Jacobson, Victoria, B.C.   |

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| No.    | Name                 | Company               | Tonnage | Length | Breadth | Speed | Engine | Agent  |
|--------|----------------------|-----------------------|---------|--------|---------|-------|--------|--|
| 126631 | West Vancouver       | Vancouver, B.C.       | 41.5    | 4.0    | 9.5     | 830   | 16.0   | Vancouver, B.C.  |
| 134086 | East Vancouver No. 6 | Vancouver, B.C.       | 83.0    | 6.3    | 16.0    | 1000  | 19.4   | Vancouver, B.C.  |
| 122392 | Western Slope        | Victoria, B.C.        | 42.8    | 6.4    | 14.0    | 1907  | 12.0   | Sooke, B.C.  |
| 126900 | Weststar             | Vancouver, B.C.       | 32.0    | 4.9    | 8.1     | 1910  | 8.0    | Vancouver, B.C.  |
| 126740 | Wetco                | Vancouver, B.C.       | 29.4    | 4.1    | 7.6     | 1909  | 7.6    | Vancouver, B.C.  |
| 126276 | Westham              | New Westminster, B.C. | 55.3    | 8.3    | 22.0    | 1909  | 10.9   | New Westminster, B.C.  |
| 141426 | Westjack             | Steveston, B.C.       | 48.4    | 5.5    | 14.0    | 1919  | 10.0   | Steveston, B.C.  |
| 138232 | Westmount            | Collingwood, Ont.     | 536.0   | 26.7   | 7.392   | 5,635 | 217.3  | Montreal Transportation Co., Ltd., 14 Place Royale, Montreal, Que.         |
| 129434 | W'stair              | Vancouver, B.C.       | 34.5    | 4.6    | 8.6     | 1909  | 7.0    | Geo. M. Robertson and W. D. Carter, J.O., Vancouver, B.C.                  |
| 171179 | Westport             | Bedford Mills, Ont.   | 102.9   | 6.7    | 196     | 165   | 15.0   | M. Scunlan, Montreal, Que.   |
| 116546 | Westport             | Kingston              | 87.5    | 6.0    | 8.0     | 48    | 15.0   | Murthick Beaton and Thos. Stamp, J.O., Ottawa, Ont.                        |
| 116208 | Westport Hill        | Wellbarn, N.S.        | 101.0   | 21.3   | 20.0    | 58    | 24.0   | Wm. P. Burns and Davis C. Kelliber, J.O., Halifax, N.S.                    |
| 114445 | Wethersfield         | Yarmouth              | 248.7   | 20.6   | 1.875   | 1,171 | 230.0  | Canadian Maritime Co. Ltd., 179 St. James St., Montreal, Que.              |
| 94824  | Weymouth             | Pictou, N.S.          | 102.7   | 7.6    | 15.4    | 106   | 26.0   | The Bras d'Or Steamboat Co., Ltd., North Sydney, N.S.                      |
| 92400  | Where Now            | Kingston, Ont.        | 77.0    | 6.6    | 12.8    | 48    | 20     | Hamilton Shipbuilding and Ferry Co., Ltd., 2 King St. E., Hamilton, Ont.   |
| 112509 | Where To             | Hamilton, Ont.        | 46.6    | 3.6    | 14      | 11    | 1      | Hamilton Shipbuilding and Ferry Co., Ltd., 2 King St. E., Hamilton, Ont.   |
| 126074 | White Star           | Vancouver             | 39.3    | 4.6    | 8.2     | 1915  | 9      | Thos. H. Foster, Vancouver, B.C.   |
| 138827 | White Birch          | Lunenburg             | 49.8    | 7.5    | 29      | 28    | 1      | Clement Sleuwhite, et al., Tanook, N.S.                                    |
| 128768 | White Birch          | Vancouver             | 54.0    | 7.2    | 30      | 20    | 3      | Canadian Explosives, Ltd., Montreal, Que.                                  |
| 107827 | White Horse          | Victoria              | 167.0   | 4.5    | 9.8     | 631   | 17     | The British Yukon Navigation Co., Ltd., 589 Granville St., Vancouver, B.C. |
| 130743 | White Horse          | Vancouver             | 28.8    | 2.4    | 4       | 2     | 1      | Joseph Bethel, Vancouver, B.C.   |
| 140892 | White Iris           | Vancouver             | 30.4    | 3.9    | 10      | 7     | 1      | Joseph H. Michelmore, Vancouver, B.C.                                      |
| 103961 | White Star           | Montreal              | 158.1   | 8.2    | 30.8    | 112   | 40     | Canada Steamship Lines, Ltd., 9 Victoria Sq., Montreal, Que.               |
| 115583 | White Star           | Peterborough          | 30.0    | 2.4    | 9       | 6     | 6      | E. A. Peck, Peterborough, Ont.   |
| 141291 | White Water          | Vancouver, B.C.       | 25.6    | 7.5    | 3.6     | 9     | 5      | Jacob Hugen, Vancouver, B.C.   |
| 103392 | White Wings          | Deseronto             | 35.0    | 6.1    | 1.7     | 3     | 2      | T. McDonald, Thurlow, Ont.   |
| 126224 | Whitely              | Sarnia                | 22.4    | 6.4    | 2.9     | 3     | 2      | Thomas Wilbur Whiteley, Sombra, Ont.                                       |
| 140921 | Whitney              | Ottawa                | 48.0    | 3.9    | 4.4     | 13    | 9      | Geo. Gordon, et al., Cache Bay, Ont.                                       |
| 130743 | Whitway              | Vancouver             | 45.6    | 4.4    | 13      | 9     | 3      | Claude C. Ketchum, Prince Rupert, B.C.                                     |
| 121743 | Wiking               | Vancouver             | 30.0    | 3.0    | 8       | 5     | 1      | John Anderson, Eburne, P.E.I.  |
| 96334  | Wild Brier C.        | Charlottetown         | 47.0    | 5.5    | 22      | 19    | 16     | J. Perry, St. Edwards, P.E.I.  |
| 103713 | Wildfred C.          | Halifax               | 80.0    | 9.6    | 4.4     | 99    | 48     | Harbour Ship Co., Ltd., 51 Lockman St., Halifax, N.S.                      |
| 141339 | Wildrid              | New Westminster       | 35.6    | 4.4    | 10      | 6     | 1      | John Iverson, New Westminster, B.C.  |
| 129654 | Wildrid              | Victoria              | 26.0    | 6.9    | 2.8     | 4     | 2      | Mrs. Mabel A. Code, Smith's Falls, Ont.                                    |
| 130761 | Wildrid              | Kingston              | 41.0    | 27.5   | 5.755   | 4,173 | 2,500  | Convoy Steamship Co., Ltd., 35 Bedford Row, Halifax, N.S.                  |
| 141392 | Wildwind             | Halifax               | 44.4    | 6.0    | 7.5     | 51    | 38     | The James Harrigan Co., Ltd., Port Arthur, Ont.                            |
| 96358  | William A. Rooth     | Port Arthur           | 81.0    | 15.7   | 6.2     | 52    | 32     | W. H. Batt, Charlottetown, P.E.I.  |
| 90680  | William Aitken       | Montreal              | 73.9    | 7.8    | 7.5     | 40    | 27     | Edward Manley et al., J.O., Thorold, Ont.                                  |
| 103952 | William Aitken       | Montreal              | 63.3    | 16.0   | 6.0     | 40    | 27     | Dominion Sugar Co., Ltd., Wallaceburg, Ont.                                |
| 164847 | Wm. F. Rooney        | Wallaceburg           | 40.9    | 4.2    | 11      | 6     | 35     | Franklin C. and George J. Jackson, J.O., Seaford, Ont.                     |
| 77717  | Wm. H. Ladner        | Walla Walla, B.C.     | 65.0    | 6.8    | 4.6     | 31    | 9      | The Minister of Public Works, Ottawa, Ont.                                 |
| 126731 | Wm. H. Seibold       | Goderich              | 124.0   | 5.0    | 2.5     | 163   | 25     | Dominion Fish Co., Ltd., Winnipeg, Man.                                    |
| 90763  | Wm. H. Seibold       | Goderich              | 58.0    | 6.2    | 13      | 5     | 1      | Dominion Fish Co., Ltd., Winnipeg, Man.                                    |
| 124619 | William Johnstone    | Sault Ste. Marie      | 37.0    | 4.7    | 13      | 5     | 1      | Percy W. Kent, Kentville, Ont.   |
| 118542 | William Johnston     | Kingston              | 85.9    | 20.9   | 6.6     | 53    | 32     | Elizabeth M. Donnelly, Kingston, Ont.                                      |
| 80874  | William Johnston     | Kingston              | 54.0    | 14.4   | 6.0     | 29    | 13     | Wm. M. and E. H. Sinclair, Newcastle, N.B.                                 |
| 118542 | William Johnston     | Chartham, N.B.        | 54.0    | 6.0    | 13      | 6     | 1      | Wm. M. and E. H. Sinclair, Newcastle, N.B.                                 |
| 150262 | William McRae        | Vancouver             | 36.8    | 9.1    | 4.3     | 13    | 6      | Corporation of the City of Vancouver, Vancouver, B.C.                      |
| 107527 | William Ogilvie      | Victoria              | 63.0    | 4.4    | 4.5     | 56    | 5      | Inland Trading Co., Ltd., Victoria, B.C.                                   |

<sup>1</sup>Formerly "Kanyvno." <sup>2</sup>Formerly "Westmount." <sup>3</sup>Formerly "Helen M. Scunlan." <sup>4</sup>Foreign name "John 3.16." <sup>5</sup>Foreign name "Ella." <sup>6</sup>Formerly a sailing vessel. <sup>7</sup>Formerly "War Convoy."

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

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 Abbreviations: J.O., Joint Owners - propriétaires conjoints; M.O., Managing owner - propriétaire gérant; Pt., Paddle - à aubes; St., Screw - à hélice.  
 © Equipped with Wireless - Muni de la T.S.F. - Names of Motor Vessels in Italics - Les noms des vapeurs à moteurs sont en italiques.

| Official No.<br>N <sup>o</sup> officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Built.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Gross Tonnage.<br>Tonnage brut. | Registered Tonnage.<br>Tonnage enregistré. | H.P. of Engines and Mode of Propulsion.<br>Puissance des machines en c. v. et mode de propulsion | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--|---------------------------------|---|------------------------|---------------------------------------|---|---|--|---------------------------------|--|--|---|
| 97004                                    | William Wilson                  | St. Catharines                              | 1892                   | Ridgeway, Ont.                        | 43 4  | 11 1  | 5 2  | 15                              | 10   | 1 sc.  | Albert Hemming, Port Burwell, Ont.  |
| 107102                                   | Willie C.                       | Montreal                                    | 1903                   | Port Matland, Ont.                    | 39 0  | 9 6   | 4 0  | 8                               | 6  | 3 sc.  | Piquery Lumber Mills Co., Ltd., 52 St. Joseph St., Montreal, Que.                     |
| 141502                                   | Willie H.                       | Quebec                                      | 1913                   | Quebec, Que.                          | 53 0  | 15 2  | 5 5  | 32                              | 13   | 16 sc.   | Michael J. and Wm. J. Hackett, J. O., Quebec, Que.                                    |
| 89780                                    | Willie Seagel                   | Sarnia                                      | 1888                   | Sarnia, Ont.                          | 37 0  | 8 6   | 4 0  | 22                              | 15   | 2 sc.  | Harry F. Bridges, Windsor, Ont.   |
| 130980                                   | Willrose                        | Collingwood                                 | 1915                   | Collingwood, Ont.                     | 69 0  | 15 8  | 6 3  | 49                              | 31   | 40 sc.   | Wm. Rose, Meaford, Ont.   |
| 130236                                   | Wilma                           | Port Stanley                                | 1911                   | Collingwood, Ont.                     | 69 0  | 16 4  | 7 7  | 55                              | 37   | 12 1/2 sc.   | Wilma Fish Co., Ltd., Port Stanley, Ont.  |
| 130448                                   | Wimbold                         | Vancouver                                   | 1911                   | Vancouver, B.C.                       | 39 5  | 7 3   | 4 2  | 9                               | 6  | 2 1/2 sc.  | Wm. Aconley, Vancouver, B.C.  |
| 126511                                   | Winnac                          | Victoria                                    | 1909                   | Vancouver, B.C.                       | 47 0  | 12 5  | 6 2  | 29                              | 15   | 2 1/2 sc.  | Abraham R. Bidancourt, Ganges Harbour, B.C.   |
| 105562                                   | Wundermere                      | Quebec                                      | 1881                   | Montreal, Que.                        | 76 7  | 10 5  | 4 9  | 31                              | 21   | 3 sc.  | Antoine Gagnon, Quebec, Que.  |
| 125986                                   | Windsor                         | Montreal                                    | 1892                   | Marine City, Mich., U.S.A.            | 242 0   | 41 0  | 29 0   | 1,769                           | 1,068                                      | 88 sc.   | Montreal Transportation Co., Limited, 286 St. James St., Montreal, Que.               |
| 138053                                   | Winkle                          | Chatham, N.B.                               | 1919                   | Port Dalhousie, Ont.                  | 46 0  | 12 5  | 4 5  | 16                              | 12   | 1 sc.  | Jacobs Gauvin, Pigeon Hill, Shippigan Is., N.B.                                       |
| 110314                                   | Winner                          | Andersburg                                  | 1884                   | Lanack, N.B.                          | 77 7  | 16 2  | 8 0  | 76                              | 52   | 21 sc.   | Albert Hemming, Port Burwell, Ont.  |
| 130404                                   | Winnika                         | Vancouver                                   | 1907                   | Toledo, O., U.S.A.                    | 24 5  | 8 6   | 2 2  | 7                               | 5  | 3 sc.  | A. Watt and E. H. Dunwoode, Vancouver, B.C.   |
| 103924                                   | Winnick                         | Peterborough                                | 1895                   | Vancouver, B.C.                       | 54 0  | 8 1   | 4 0  | 22                              | 15   | 6 sc.  | B. T. Gibson and Edward Lynch, Hastings, Ont.   |
| 94920                                    | Winnie                          | Southampton                                 | 1897                   | Pike Bay, Ont.                        | 48 0  | 9 5   | 5 0  | 14                              | 9  | 2 sc.  | J. Belmore, Southampton, Ont.   |
| 130716                                   | Winnipegosis                    | Kenora                                      | 1909                   | Winnipegosis, Man.                    | 36 8  | 9 3   | 3 6  | 12                              | 8  | 1 sc.  | Alexander I. McPherson, Dauphin, Man.   |
| 122831                                   | Winoan                          | Hamilton                                    | 1906                   | Walsend-on-Tyne, G.B.                 | 252 0   | 43 5  | 21 3   | 2,085                           | 1,327                                      | 225 sc.  | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.                       |
| 91717                                    | Winoona                         | Midland                                     | 1902                   | Port Stanley, Ont.                    | 410 0   | 22 0  | 8 9  | 233                             | 158  | 24 sc.   | James Purvis, Gore Bay, Ont.  |
| 121706                                   | Winoona                         | Toronto                                     | 1919                   | Wharton, Ont.                         | 47 5  | 10 0  | 4 3  | 20                              | 13   | 2 sc.  | W. P. Murray, Toronto, Ont.   |
| 120737                                   | Wircoss                         | New Westminster                             | 1910                   | New Westminster, B.C.                 | 79 0  | 18 5  | 8 2  | 90                              | 40   | 33 sc.   | Westminster Towing & Fishing Co., Ltd., New Westminster, B.C.                         |
| 138088                                   | Woburn                          | Quebec                                      | 1915                   | Lake Megantic, Que.                   | 61 5  | 13 1  | 5 7  | 52                              | 34   | 2 sc.  | Henry Wm. Albro, Lake Megantic, Que.  |
| 116763                                   | Wolfe Islander                  | Kingston                                    | 1904                   | Toronto, Ont.                         | 118 6   | 17 6  | 6 8  | 224                             | 98   | 28 1/2 sc.   | The Corporation of the Township of Wolfe Island, Ont.                                 |
| 141602                                   | Wolyn                           | Victoria                                    | 1908                   | Seattle, Wash., U.S.A.                | 45 5  | 11 6  | 5 0  | 18                              | 10   | 14 sc.   | Stoake Harbour Fishing & Packing Co., Ltd., Bastion Square, Victoria, B.C.            |
| 116452                                   | Wolverine                       | Vancouver                                   | 1903                   | Vancouver, B.C.                       | 29 3  | 8 4   | 3 5  | 8                               | 5  | 1 sc.  | Pearl Dairon, Prince Rupert, B.C.   |
| 112295                                   | Wolverine                       | Winnipeg                                    | 1903                   | Selkirk, Man.                         | 126 0   | 24 5  | 7 6  | 278                             | 189  | 17 sc.   | The Northern Fish Co., Ltd., Selkirk, Man.  |
| 141820                                   | Wotawoc                         | Vancouver                                   | 1920                   | Suquamish, B.C.                       | 37 0  | 11 6  | 4 1  | 14                              | 10   | 1 sc.  | Henry Herrevag, Sointula, B.C.  |

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|                  |                    |                        |              |                                |              |              |            |          |                |  |
|------------------|--------------------|------------------------|--------------|--------------------------------|--------------|--------------|------------|----------|----------------|--|
| 134101<br>130799 | Woolnymph<br>Writ. | Vancouver<br>Vancouver | 1912<br>1911 | Iland, B.C.<br>Vancouver, B.C. | 38 4<br>48 8 | 10 3<br>11 0 | 4 4<br>4 8 | 19<br>23 | 2 se.<br>2 se. | Walker Pincock, Van Anda, B.C.<br>Pacific Mills Ltd., 814-510 Hastings St. W., Vancouver, B.C. |
| 133094           | X. K. Z            | Victoria               | 1912         | Fender Island, B.C.            | 36 9         | 7 4          | 3 2        | 8        | 1 se.          | Mrs. I. Durham and Thos. Hayward, Victoria, B.C.   |
| 126641           | Yachyo             | Vancouver              | 1909         | Steveston, B.C.                | 43 0         | 10 0         | 4 5        | 18       | 1 1/2 se.      | Packers Steamship Co., Ltd., 517 Granville St., Vancouver, B.C.                                |
| 134167           | Yafiro             | Barrington Passage     | 1915         | Shelburne, N.S.                | 65 0         | 17 0         | 6 0        | 34       | 2 se.          | Angus B. Smith et al., Newellton, N.S.   |
| 126618           | Yakhtak            | Prince Rupert          | 1911         | Metlakada, B.C.                | 30 6         | 8 6          | 4 0        | 9        | 3 se.          | John D. Leighton, M.O., Metlakada, B.C.  |
| 116402           | Yaka               | Victoria               | 1903         | Nakusp, B.C.                   | 75 0         | 13 6         | 5 1        | 36       | 17 se.         | Forest Mills of British Columbia, Ltd., Revelstoke, B.C.                                       |
| 122221           | Yakawa             | Vancouver              | 1907         | Steveston, B.C.                | 42 0         | 10 8         | 4 1        | 16       | 11 se.         | Naokichi Hamaguchi, Steveston, B.C.  |
| 141783           | Yanga No. 3        | New Westminster        | 1920         | Steveston, B.C.                | 45 7         | 12 6         | 4 1        | 17       | 11 se.         | Fanuchi Tanaka, Steveston, B.C.  |
| 141703           | Yanga No. 5        | New Westminster        | 1920         | Steveston, B.C.                | 46 0         | 12 6         | 4 3        | 17       | 11 se.         | Rohumetsu Tanaka, Steveston, B.C.  |
| 141703           | Yanga              | New Westminster        | 1912         | Steveston, B.C.                | 37 0         | 9 8          | 4 0        | 12       | 2 se.          | Samuels J. Dumaresq, Willboro Channel, B.C.  |
| 138739           | Yandi No. II       | New Westminster        | 1918         | Steveston, B.C.                | 35 3         | 8 8          | 3 7        | 10       | 7 se.          | Sankichi Tanaka, Steveston, B.C.   |
| 130496           | Yanke Boy          | New Westminster        | 1910         | Tacoma, Wash., U.S.A.          | 42 0         | 12 8         | 5 9        | 18       | 13 se.         | Western Packers Ltd., 1414 Standard Bank Bldg., Vancouver, B.C.                                |
| 923573           | Yarmouth           | Yarmouth               | 1887         | Dumbarton, G.B.                | 220 3        | 35 2         | 21 0       | 1,452    | 260 se.        | North American Steamship Corporation, Ltd., 35 Bedford Row, Halifax, N.S.                      |
| 122545           | Yeda               | Vancouver              | 1907         | Steveston, B.C.                | 33 4         | 9 0          | 3 0        | 9        | 1 se.          | Mototoshi Suwa, Vancouver, B.C.  |
| 112193           | Yelda              | Chatham, Ont.          | (1905)       | Chatham, Ont.                  | 63 0         | 17 3         | 4 0        | 42       | 2 pa.          | Joseph Hadley, Chatham, Ont.   |
| 137988           | Yenda              | Kingston               | 1909         | U.S.A.                         | 40 0         | 8 8          | 3 2        | 10       | 1 1/2 se.      | Hiram A. Galvin, Garden Island, Ont.   |
| 126467           | Yenok              | Kingston               | 1896         | Clayton, N.Y., U.S.A.          | 57 8         | 12 6         | 3 8        | 39       | 27 se.         | Daniel J. Kenney, Gananoque, Ont.  |
| 137985           | Yenok Ind.         | Kingston               | 1918         | Nelson, B.C.                   | 57 6         | 18 6         | 5 2        | 92       | 74 se.         | Daniel J. Kenney, Gananoque, Ont.  |
| 107462           | Ymir               | Vancouver              | 1898         | Kingson, B.C.                  | 85 7         | 16 8         | 6 5        | 90       | 61 se.         | Canadian Pacific Railway Co., Montreal, Que.   |
| 111970           | York               | Prince Rupert          | 1901         | Toronto, Ont.                  | 88 0         | 16 2         | 4 9        | 134      | 91 se.         | Canadian Pacific Railway Co., Montreal, Que.   |
| 150316           | Yoruzu             | New Westminster        | 1920         | Prince Rupert, B.C.            | 42 0         | 10 6         | 6 0        | 17       | 8 se.          | Takenatsu Kobayoshi, Oceanside, B.C.   |
| 134309           | Yosda              | New Westminster        | 1913         | Steveston, B.C.                | 36 0         | 9 8          | 4 3        | 12       | 8 se.          | Western Salmon Packing Co., Ltd., Columbia Ave., Vancouver, B.C.                               |
| 126634           | Yoshino            | Vancouver              | 1909         | Steveston, B.C.                | 30 0         | 7 7          | 3 5        | 6        | 4 se.          | Charlie Elliott, Vicoilth, B.C.  |
| 137930           | Yasuana            | Vancouver              | 1914         | Terra Nova, B.C.               | 38 0         | 9 0          | 3 8        | 10       | 7 se.          | Takeo Koyanagi, Terra Nova, B.C.   |
| 112050           | You and I          | St. Catharines         | 1902         | Port Maitland, Ont.            | 52 0         | 14 2         | 5 6        | 25       | 17 se.         | John McKeown, Port Maitland, Ont.  |
| 140923           | Ypres              | Ottawa                 | 1917         | Toronto, Ont.                  | 139 0        | 23 5         | 13 5       | 320      | 204 se.        | The Minister of the Naval Service, Ottawa, Ont.  |
| 134064           | Yrribona           | Vancouver              | 1913         | Vancouver, B.C.                | 44 3         | 9 5          | 3 7        | 18       | 12 se.         | Ronald W. Mathland, Vancouver, B.C.  |
| 126748           | Ysidora            | Vancouver              | 1910         | Vancouver, B.C.                | 39 0         | 8 9          | 5 0        | 12       | 8 se.          | Lytton W. Shaltford, Vancouver, B.C.   |
| 130453           | Yucalla            | Vancouver              | 1910         | Vancouver, B.C.                | 36 4         | 8 8          | 3 7        | 11       | 7 se.          | D. J. O'Brien Logging Co., Ltd., 829 Standard Bank Bldg., Vancouver, B.C.                      |
| 138710           | Yuki               | Vancouver              | 1918         | Vancouver, B.C.                | 41 2         | 10 0         | 4 3        | 13       | 9 se.          | B.C. Iowa Lumber Co., Ltd., 525 Seymour St., Vancouver, B.C.                                   |
| 107008           | Yukoner            | Victoria               | 1898         | St. Michaels, Alaska, U.S.A.   | 170 8        | 32 0         | 5 7        | 781      | 492 se.        | British Yukon Navigation Co., Ltd., 589 Granville St., Vancouver, B.C.                         |
| 134445           | Yamahana           | Vancouver              | 1913         | Terra Nova, B.C.               | 47 0         | 9 7          | 4 2        | 12       | 8 se.          | Kuniso Nagata, Eburne, B.C.  |
| 134642           | Yusella            | Victoria               | 1913         | Nanaimo, B.C.                  | 37 2         | 8 5          | 3 5        | 9        | 1 se.          | Fredrick L. and Wm. J. Janowski, Nanaimo, B.C., J.O.   |
| 133828           | Zaffiro            | Montreal               | 1912         | Montreal, Que.                 | 63 2         | 12 5         | 7 0        | 34       | 23 se.         | Kenneth C. Campbell, Montreal, Que.  |
| 88150            | Zaidee             | Sydney, N.S.           | 1884         | Dartmouth, N.S.                | 49 3         | 11 8         | 4 4        | 19       | 13 se.         | J. G. H. Purves, North Sydney, N.S.  |
| 100025           | Zara               | Port Dover             | 1913         | Port Rowan, Ont.               | 63 4         | 13 6         | 4 2        | 38       | 24 se.         | W. V. Reynolds, Toronto, Ont., and Mrs. M. Hendry, New Liskeard, Ont., J.O.                    |
| 107830           | Zeealandian        | Victoria               | 1900         | Lake Bennett, B.C.             | 102 0        | 23 0         | 5 0        | 180      | 141 se.        | British Yukon Navigation Co., Ltd., 589 Granville St., Vancouver, B.C.                         |
| 140017           | Zehalos            | Vancouver              | 1918         | Vancouver, B.C.                | 48 5         | 13 6         | 5 9        | 28       | 23 se.         | Adolph Peterson, Vancouver, B.C.   |
| 134186           | Zella B.           | St. John, N.B.         | 1863         | Philadelphia, U.S.A.           | 56 7         | 14 0         | 6 7        | 47       | 32 se.         | Laithur B. Smith and Jno. D. Mitchell, St. John, N.B.  |
| 107880           | Zelma              | Lindsay                | 1900         | Lindsay, Ont.                  | 22 0         | 5 3          | 2 6        | 1        | 4 se.          | Reuben L. Morgan, Lindsay, Ont.  |

<sup>1</sup>Formerly "Iroquois," <sup>2</sup>Formerly "J. K. Savor" <sup>3</sup>Formerly "Calumet," <sup>4</sup>Formerly "Tom Fawcett," <sup>5</sup>Foreign name "Columbia."

ALPHABETICAL List of Steam Vessels on Registry Books in Canada, December 31, 1920.

Liste ALPHABÉTIQUE des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Abbreviations—*Abbreviations*: J.O., Joint Owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant; Pa., Packet—à ances; Sc., Screw—à hélice.  
 ©Equipped with Wireless—Muni de la T. S. F.—Names of Motor Vessels in *italics*—Les noms des vapeurs à moteurs sont en *italiques*.

| Official No., N <sup>o</sup> officiel. | Name of Ship, Nom du navire. | Port of Registry, Port d'enregistrement. | Built, Construit en. | Where Built, Lieu de construction. | Length in feet and 10ths, Longueur en pieds et 10 <sup>es</sup> . | Breadth in feet and 10ths, Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths, Profondeur en pieds et 10 <sup>es</sup> . | Gross Tonnage, Tonnage brut. | Registered Tonnage, Tonnage enregistré. | H.P. of Engines and Model of Propulsion, Puissance des machines en c. v. et mode de propulsion. | Owner or Managing Owner, and Address, Armateur ou propriétaire gérant, et adresse. |
|--|------------------------------|--|----------------------|------------------------------------|---|---|--|------------------------------|---|---|--|
| 130813                                 | <i>Zelma T. Young</i>        | Lancenburg                               | 1912                 | Little Tancook, N.S.               | 43 6  | 10 8  | 6 9  | 16                           | 15                                      | 1 sc.   | Bernard B. Lilly, Carling, Nfld.   |
| 92616                                  | Zena                         | Port Arthur                              | 1886                 | Port William, Ont.                 | 27 9  | 8 6   | 3 8  | 4                            | 4                                       | 3 sc.   | James Whalen, Port Arthur, Ont.  |
| 88524                                  | Zephyr                       | Hamilton                                 | 1886                 | Hamilton, Ont.                     | 27 0  | 6 0   | 3 0  | 3                            | 4                                       | 8 sc.   | C. A. Boeert, Toronto, Ont.  |
| 130530                                 | Zigari                       | Montreal                                 | 1906                 | Montreal, Que.                     | 31 7  | 6 8   | 2 0  | 3                            | 12                                      | 8 sc.   | Edward A. Whitford, Montreal, Que.   |
| 130551                                 | Zorra                        | Vancouver                                | 1893                 | U.S.A.                             | 39 9  | 10 8  | 3 5  | 15                           | 10                                      | 2 1/2 sc.   | Adlin Fisheries, Ltd., Vancouver, B.C.   |
| 112220                                 | Zuleika                      | St. John, N.B.                           | 1893                 | Gloucester, Mass., U.S.A.          | 48 4  | 9 0   | 4 6  | 16                           | 11                                      | 4 sc.   | Avon Coal Co., Ltd., Queens Co., N.B.  |

†Foreign name "Taku."

# SAILING VESSELS



# VOILIERS

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless—Muni de la T.S.F.—Abbréviations—Abbreviations: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship<br>Nom du navire. | Port of Registry<br>Port d'inscription. | Rig.<br>Gréement. | Build.<br>Construction. | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Annuaire ou propriétaire gérant, et adresse.        |
|-------------------------------------|--------------------------------|---|-------------------|-------------------------|---------------------------------------|---|---|--|--|--|
| 141323                              | A. B. C. Pkg. Co.<br>No. 20.   | New Westminster.                        | Scow—Chd.         | 1919                    | New Westminster, B.C.                 | 48 0  | 14 9  | 3 6  | 21   | H. Bell-Irving & Co., Ltd., 322 Richard St., Vancouver, B.C.                                 |
| 141324                              | A. B. C. Pkg. Co.<br>No. 21.   | New Westminster.                        | Scow—Chd.         | 1919                    | New Westminster, B.C.                 | 48 0  | 14 9  | 3 6  | 21   | H. Bell-Irving & Co., Ltd., 322 Richard St., Vancouver, B.C.                                 |
| 141325                              | A. B. C. Pkg. Co.<br>No. 22.   | New Westminster.                        | Scow—Chd.         | 1919                    | New Westminster, B.C.                 | 48 0  | 14 9  | 3 6  | 21   | H. Bell-Irving & Co., Ltd., 322 Richard St., Vancouver, B.C.                                 |
| 141326                              | A. B. C. Pkg. Co.<br>No. 23.   | New Westminster.                        | Scow—Chd.         | 1919                    | New Westminster, B.C.                 | 48 0  | 14 9  | 3 6  | 21   | H. Bell-Irving & Co., Ltd., 322 Richard St., Vancouver, B.C.                                 |
| 141189                              | A. B. C. Pkg. Co.<br>No. 30.   | New Westminster.                        | Scow—Chd.         | 1918                    | New Westminster, B.C.                 | 57 4  | 15 6  | 3 6  | 28   | The Anglo-British Columbia Packing Co., Ltd., 322 Richard St., Vancouver, B.C.               |
| 141190                              | A. B. C. Pkg. Co.<br>No. 31.   | New Westminster.                        | Scow—Chd.         | 1918                    | New Westminster, B.C.                 | 57 4  | 15 6  | 3 6  | 28   | The Anglo-British Columbia Packing Co., Ltd., 322 Richard St., Vancouver, B.C.               |
| 107921                              | A. C. C. No. 3.                | New Westminster.                        | Barge—Chd.        | 1897                    | New Westminster, B.C.                 | 68 0  | 24 0  | 5 0  | 150  | Automatic Can Co., Ltd., New Westminster, B.C.   |
| 107406                              | A. D.                          | Montreal.                               | Sloop.            | 1899                    | St. Thomas de Pierreville, Que.       | 147 0   | 30 1  | 13 4   | 462  | George Hall Coal Company of Canada, Ltd., 273 Craig St., W. Montreal, Que.                   |
| 141557                              | A. F. P. 2.                    | Victoria                                | Scow—Chd.         | 1911                    | Vancouver, B.C.                       | 79 7  | 25 0  | 7 0  | 119  | Wm. E. Gardiner, Victoria, B.C.  |
| 141558                              | A. F. P. 3.                    | Vancouver                               | Scow—Chd.         | 1911                    | Vancouver, B.C.                       | 80 3  | 26 0  | 7 1  | 125  | John Hind, Vancouver, B.C.   |
| 141559                              | A. F. P. 4.                    | Vancouver                               | Scow—Chd.         | 1911                    | Vancouver, B.C.                       | 79 7  | 26 2  | 7 0  | 125  | John Hind, Vancouver, B.C.   |
| 141560                              | A. F. P. 5.                    | Vancouver                               | Scow—Chd.         | 1911                    | Vancouver, B.C.                       | 80 6  | 26 3  | 7 0  | 129  | John Hind, Vancouver, B.C.   |
| 141561                              | A. F. P. 6.                    | Victoria                                | Scow—Chd.         | 1911                    | Vancouver, B.C.                       | 50 8  | 25 8  | 6 9  | 116  | Wm. E. Gardiner, Victoria, B.C.  |
| 141562                              | A. F. P. 7.                    | Victoria                                | Scow—Chd.         | 1911                    | Vancouver, B.C.                       | 81 0  | 26 2  | 6 5  | 123  | Wm. E. Gardiner, Victoria, B.C.  |
| 134015                              | A. G. T. No. 1.                | Sault Ste. Marie.                       | Scow—Chd.         | 1913                    | Sault Ste. Marie, Ont.                | 55 6  | 18 0  | 4 0  | 40   | Allan G. Tweedie, Sault Ste. Marie, Ont.   |
| 126848                              | A. L.                          | Quebec                                  | Schr—Ght.         | 1909                    | Petite Rivière St. François, Que.     | 71 5  | 21 0  | 5 4  | 48   | Mascak Simard, Petite Rivière, St. François, Que.  |
| 133827                              | A. L. No. 1.                   | Montreal                                | Sloop.            | 1913                    | Pierreville, Que.                     | 108 5   | 23 2  | 8 0  | 157  | Marcil Daneau, Pierreville, Que.   |
| 133739                              | A. M. 4.                       | Vancouver                               | Scow—Chd.         | 1902                    | Vancouver, B.C.                       | 70 0  | 30 0  | 7 5  | 152  | Clampson & White Ltd., 1083 Main St., Vancouver, B.C.  |
| 121719                              | A. M. 5.                       | Vancouver                               | Scow—Chd.         | 1902                    | Vancouver, B.C.                       | 78 3  | 30 3  | 7 5  | 105  | Chas. Benson, Vancouver, B.C.  |
| 117014                              | A. M. 6.                       | Vancouver                               | Scow—Chd.         | 1902                    | Vancouver, B.C.                       | 79 0  | 30 0  | 7 5  | 160  | Vancouver Dredging and Salvage Co., Ltd., 427 Seymour St., Vancouver, B.C.                   |
| 120633                              | A. M. 7.                       | Vancouver                               | Scow—Chd.         | 1900                    | Vancouver, B.C.                       | 72 0  | 28 0  | 7 0  | 135  | Albert Berquist, Victoria, B.C.  |
| 134005                              | A. M. VIII.                    | Vancouver                               | Scow—Chd.         | 1913                    | Vancouver, B.C.                       | 60 8  | 29 9  | 7 7  | 121  | H. B. Babington, Prince Rupert, B.C.   |
| 134006                              | A. M. IX.                      | Vancouver                               | Scow—Chd.         | 1913                    | Vancouver, B.C.                       | 64 4  | 29 9  | 7 7  | 133  | Armstrong, Morrison & Co., Ltd., Vancouver, B.C.   |
| 133711                              | A. M. 10.                      | Vancouver                               | Scow—Chd.         | 1909                    | Vancouver, B.C.                       | 77 2  | 32 0  | 7 6  | 179  | Clampson & White Ltd., 1083 Main St., Vancouver, B.C.  |
| 134067                              | A. M. XII.                     | Vancouver                               | Scow—Chd.         | 1913                    | Vancouver, B.C.                       | 59 5  | 30 0  | 6 6  | 108  | Granby Consolidated Mining, Smelting & Power Co., Limited, 831 Birk's Bldg., Vancouver, B.C. |



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| A. M. XIV. | Vancouver.           | Scow—Chd.   | 1913 | Vancouver, B.C.                              | 72 4  | 30 0 | 6 6  | 131 | Granby Consolidated Mining, Smelting & Power Co., Ltd., 481 Birk's Bldg., Vancouver, B.C. |
|------------|----------------------|-------------|------|--|-------|------|------|-----|---|
| 1385533    | Vancouver.           | Scow—Chd.   | 1915 | Vancouver, B.C.                              | 66 3  | 24 0 | 4 1  | 56  | Merrill & King Timber Co., Ltd., 1036-510 Hastings St., W., Vancouver, B.C.               |
| 1338560    | Vancouver.           | Scow—Chd.   | 1913 | North Vancouver, B.C.                        | 81 0  | 30 9 | 8 5  | 193 | Evangelist, B.C.  |
| 1345000    | Vancouver.           | Scow—Glt    | 1915 | Bele St. Paul, Que.                          | 71 3  | 30 4 | 7 5  | 69  | Néré, Mollina & O., Pans, Ltd., Vancouver, B.C.   |
| 141192     | Quebec.              | Scow—Chd    | 1911 | Hull, Que.                                   | 86 5  | 26 2 | 6 5  | 115 | Mrs. Wm. H. Hinds, Vancouver, B.C.  |
| 111867     | Ottawa.              | Barge—Chd   | 1902 | Hull, Que.                                   | 108 6 | 22 6 | 8 0  | 146 | The Ottawa Transportation Co. Ltd., Ottawa, Ont.  |
| 100881     | St. John, N.B.       | Schr—Glt    | 1855 | Oranecto, N.B.                               | 45 7  | 11 3 | 5 3  | 20  | William Bryson, Oranecto, N.B.  |
| 85400      | Charlottetown        | Schr—Glt    | 1858 | U.S.A.                                       | 63 6  | 18 3 | 6 1  | 32  | Barnes Sandby, Port Eglon, N.B.   |
| 130380     | A. F. Ponsford No. 1 | Scow—Chd    | 1896 | pairport, Ohio, U.S.A.                       | 107 8 | 39 6 | 5 8  | 250 | John G. Mello, Ambersburg, Ont.   |
| 144578     | A. H. Connau         | Schr—Glt.   | 1920 | Comenaville, N.S.                            | 145 5 | 26 6 | 5 2  | 141 | Cameau Shipping Co., Ltd., Comenaville, N.S.  |
| 138241     | A. H. Perryman       | Schr—Glt.   | 1916 | Malhous, N.S.                                | 97 6  | 25 5 | 10 0 | 94  | William Duff, et al., Lunenburg, N.S.   |
| 134146     | A. L. Ribuan         | Barge—Chd   | 1903 | Duluth, Minn., U.S.A.                        | 103 0 | 26 0 | 7 5  | 178 | The Superior Sand & Towing Co., Ltd., Fort William, Ont.                                  |
| 130546     | A. Hubley            | Sloop.      | 1913 | Plebsville, Que.                             | 107 2 | 23 5 | 9 1  | 131 | Adélard Ribeau, Notre-Dame de Pierrville, Que.  |
| 130934     | A. Lellur            | Sloop—Glt.  | 1912 | St. Yams, Que.                               | 102 4 | 23 1 | 6 4  | 106 | Amable Lellur, Notre-Dame de Pierrville, Que.   |
| 296688     | A. Mielletie         | Sloop.      | 1907 | St. Anne de Sorel, Que.                      | 89 3  | 22 6 | 6 5  | 79  | J. H. Lefebvre, et E. G. Mahon, I.O. Howick's Station, Que.                               |
| 72714      | A. Muir              | Schr—Glt.   | 1874 | Port Dalhousie, Ont.                         | 138 4 | 23 9 | 11 4 | 330 | Pointe Anne Quarries, Ltd., Toronto, Ont.   |
| 122258     | A. Renaud            | Schr—Glt.   | 1908 | La Pointe Rivière, St. Francois Xavier, Que. | 65 5  | 23 0 | 8 6  | 83  | Edmond Pinze, Mille-Vaches, Que.  |
| 126682     | A. Yergeau           | Sloop.      | 1908 | Notre-Dame de Pierrville, Que.               | 108 0 | 23 2 | 7 5  | 132 | Calixte Daneau, Notre-Dame de Pierrville, Que.  |
| 130947     | Abeneau              | Schr—Glt.   | 1912 | Shelburne, N.S.                              | 37 0  | 23 0 | 9 2  | 88  | Zwieker & Co., Limited, et al., Lunenburg, N.S.   |
| 107798     | Abbie Keast.         | Schr—Glt.   | 1899 | Cambridge, N.B.                              | 83 0  | 27 0 | 7 3  | 96  | E. A. Vaughan, et al., Parrishoro, N.S.   |
| 122637     | Abbie L.             | Schr—Glt.   | 1873 | Toledo, Ohio, U.S.A.                         | 138 7 | 26 1 | 11 1 | 287 | Jas. M. Ferguson, Cobourg, Ont.   |
| 211802     | Abbie May.           | Sloop.      | 1904 | Shelburne, N.S.                              | 30 0  | 10 6 | 6 0  | 60  | Charles E. Rapp, McNutt's Island, N.S.  |
| 107070     | Abbie Verma.         | Schr—Glt.   | 1898 | Waterborough, N.B.                           | 69 5  | 24 3 | 6 4  | 105 | Medley Blankhorn, Parrishoro, N.S.  |
| 92603      | Abby Jane.           | Schr—Glt.   | 1895 | Aspy Bay, N.S.                               | 45 5  | 15 6 | 6 1  | 19  | John Fitzerald, Aspy Bay, N.S.  |
| 103066     | Abel A.              | Schr—Glt.   | 1895 | Puabico, N.S.                                | 49 8  | 17 0 | 6 5  | 23  | Fred W. Sutherland, et al., Lockeport, N.S.   |
| 126161     | Abutilon.            | Schr—Glt.   | 1912 | Caracquet, N.B.                              | 37 5  | 14 4 | 6 0  | 19  | Joseph Leacroix, Caracquet, N.B.  |
| 83313      | Acevia.              | Schr—Glt.   | 1884 | Smith's Falls, Ont.                          | 102 3 | 24 2 | 9 6  | 153 | William G. Woodman, Wolfe Island, Ont.  |
| 112126     | Aedina.              | Berg-Bkgit. | 1903 | Port Medway, N.S.                            | 98 4  | 25 6 | 10 1 | 186 | B. H. Hammett, Boston, Mass., U.S.A.  |
| 72943      | Aedina.              | Schr—Glt.   | 1883 | Lunenburg, N.S.                              | 95 0  | 24 3 | 9 3  | 91  | Edward R. Parsons, Sydney, N.S.   |
| 150243     | Aedina.              | Barge—Chd   | 1875 | Quebec, Que.                                 | 150 0 | 26 5 | 11 5 | 375 | Century Coal Co., Ltd., 145 St. James St., Montreal, Que.                                 |
| 141268     | Aedina Queen.        | Schr—Glt.   | 1920 | Weymouth, N.S.                               | 111 6 | 27 8 | 10 7 | 212 | Richard G. Beuzley, M.O., Halifax, N.S.   |
| 108334     | Active.              | Schr—Glt.   | 1919 | Economy, N.S.                                | 150 0 | 35 5 | 12 8 | 440 | Harry C. Mackay and Hiram D. McLean, J.O., Economy, N.S.                                  |
| 59255      | Ada.                 | Schr—Glt.   | 1896 | St. John, I. Orleans, Que.                   | 38 8  | 12 6 | 4 7  | 13  | Zépherin Asselin, St. Famille, Que.   |
| 92517      | Ada.                 | Schr—Glt.   | 1890 | Cambridge, N.B.                              | 73 2  | 24 9 | 6 7  | 72  | The W. J. Poupres Co., Ltd., Montreal, Que.   |
| 138593     | Ada A. McIntyre.     | Schr—Glt.   | 1888 | Campobello, N.B.                             | 26 0  | 11 0 | 5 0  | 10  | Mrs. E. L. Matthews, Leonardville, N.B.   |
| 83381      | Ada L.               | Schr—Glt.   | 1918 | Moss Glen, N.B.                              | 147 9 | 35 1 | 12 7 | 423 | Peter McIntyre, St. John, N.B.  |
| 130739     | Ada M. Westhaver.    | Schr—Glt.   | 1884 | Windsor, N.S.                                | 46 4  | 16 5 | 6 9  | 31  | David C. Hunter, Walton, N.S.   |
| 133895     | Ada Tower.           | Schr—Glt.   | 1911 | Malhous Bay, N.S.                            | 174 3 | 36 0 | 10 2 | 100 | David Westhaver, M.O., Lunenburg, N.S.  |
| 110300     | Ada & Pearl.         | Schr—Glt.   | 1916 | Port Greville, N.S.                          | 115 5 | 36 4 | 12 9 | 528 | Montclair Shipping Co., Ltd., St. John's, Nfld.   |
| 138472     | Adam B. Mackay.      | Sloop.      | 1901 | Arcaudin, N.S.                               | 31 0  | 10 2 | 6 2  | 13  | Jas. O. Christian, Upper Prospect, N.S.   |
| 126812     | Adama C.             | Schr—Glt.   | 1917 | Port Greville, N.S.                          | 147 4 | 35 1 | 12 1 | 394 | A. B. Mackay Steamship Co., Ltd., Hamilton, Ont.  |
| 107476     | Adelle B.            | Sloop.      | 1910 | Tancook, N.S.                                | 45 0  | 11 2 | 7 0  | 17  | Harold W. Durning, Five Islands, N.S.   |
| 103124     | Adelle B.            | Sloop.      | 1900 | Westport, N.S.                               | 36 0  | 13 3 | 6 0  | 13  | Lewis Connors, Black's Harbour, N.B.  |
| 116803     | Adel.                | Sloop.      | 1893 | Westport, N.S.                               | 29 0  | 11 0 | 5 9  | 13  | John Malholland, Campobello, N.B.   |
| 72999      | Adelina.             | Barge—Chd.  | 1905 | Sorel, Que.                                  | 73 5  | 18 6 | 4 4  | 43  | J. L. B. Leclaire, Sorel, Que.  |
| 103009     | Adeline Gladys.      | Schr—Glt.   | 1878 | Shippagan, N.B.                              | 35 0  | 11 2 | 4 6  | 12  | Patrick D. Blinhard, Caracquet, N.B.  |
| 106370     | Adjutor.             | Schr—Glt.   | 1890 | Caracquet, N.B.                              | 35 0  | 12 6 | 5 0  | 41  | John Young, Tracadie, N.B.  |
| 116965     | Admiral Togo.        | Sloop.      | 1895 | Trois Saumons, Que.                          | 60 6  | 20 5 | 5 9  | 41  | C. Méthot, Trois Saumons, Que.  |
| 121876     | Adorian.             | Sloop.      | 1905 | Grand Manan, N.B.                            | 27 8  | 12 0 | 5 9  | 12  | William and Walter Benson, Grand Manan, N.B.  |
|            |                      | Sloop.      | 1903 | Plymouth, N.S.                               | 36 0  | 12 0 | 7 0  | 15  | O. D. Van Amburg, Pubnico, N.S.   |

Formerly "Eddie J."

Formerly "Hugo."

Formerly "Snowden."

Formerly a steamer.

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless—Muni de la T.S.F.—Abreviations—Abréviations: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel | Name of Ship<br>Nom du navire | Port of Registry<br>Port d'inscription | Rig.<br>Gréement | Build.<br>Construction | Where Built<br>Lieu de construction | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|------------------------------------|-------------------------------|--|------------------|------------------------|-------------------------------------|---|---|--|--|---|
| 80869                              | Adrienne                      | Pictou, N.S.                           | Sloop—Gill       | 1883                   | South Boston, Mass., U.S.A.         | 73 8  | 18 2  | 9 9  | 51   | Edward Dieks, Charlottetown, P.E.I.   |
| 411514                             | Édith                         | St. John, N.B.                         | Sloop            | 1899                   | St. John, N.B.                      | 27 6  | 8 1   | 3 2  | 4  | Arthur C. Fairweather, Roadsey, N.B.  |
| 122152                             | Aerolite                      | Yarmouth                               | Sloop            | 1906                   | Cape Island, N.S.                   | 36 0  | 12 0  | 6 5  | 16   | Clayton W. Hayes, Glenora, N.S.   |
| 92730                              | Agathe                        | Yarmouth                               | Sloop            | 1887                   | Orkney Isles, Ont.                  | 47 2  | 14 5  | 6 3  | 13   | Christopher Adams, Orangeville, Ont.  |
| 117168                             | Agathe Curry                  | Yarmouth                               | Sloop            | 1905                   | Harbourville, N.S.                  | 51 0  | 14 5  | 6 2  | 21   | John A. Adams, St. John, N.B.   |
| 112088                             | Agathe                        | Yarmouth                               | Sloop            | 1902                   | Grandes-Pesquières, Que.            | 51 9  | 16 2  | 5 5  | 37   | Wm. C. Adams, St. John, N.B.  |
| 112376                             | Agnes                         | Yarmouth                               | Sloop            | 1902                   | St. Pierre Island, N.S.             | 39 5  | 10 2  | 6 1  | 15   | Wm. C. Adams, St. John, N.B.  |
| 138552                             | Agnes D. McEushon             | Yarmouth                               | Sloop            | 1917                   | Malboro' Pt., N.S.                  | 115 8   | 20 3  | 10 5   | 116  | William Duff, M.O., Lunenburg, N.S.   |
| 121700                             | Agnes E.                      | Yarmouth                               | Sloop            | 1904                   | Cape Island, N.S.                   | 31 0  | 11 3  | 6 0  | 10   | R. T. Hayes, Canso, N.S.  |
| 78046                              | Agnes Hudson                  | Richibucto                             | Sloop            | 1880                   | Richibucto, N.B.                    | 31 8  | 12 5  | 4 2  | 9  | R. T. Hayes, Canso, N.S.  |
| 116898                             | Agnes M.                      | Yarmouth                               | Sloop            | 1905                   | Charlottetown, N.S.                 | 37 0  | 11 6  | 6 0  | 11   | G.W. Doucet, Taskent, N.S.  |
| 138229                             | Agnes Wilson                  | Montreal                               | Barge—Clad       | 1916                   | Charlottetown, Que.                 | 126 0   | 27 3  | 7 8  | 225  | St. Maurice Paper Co., Ltd., 42 St. Sacramento St., Montreal, Que.                    |
| 130591                             | Aileen Gladys                 | Halifax                                | Sloop            | 1912                   | St. John Harbour, N.S.              | 45 0  | 13 0  | 6 0  | 16   | M. McKinnon and C. Miller, Glace Bay, N.S.  |
| 132043                             | Ainslie                       | Halifax                                | Sloop            | 1911                   | Liverpool, N.S.                     | 121 2   | 26 9  | 10 0   | 148  | W. Norman Rainard, M.O., La Have, N.S.  |
| 130597                             | Ajax II                       | Halifax                                | Dredge-Drague    | 1907                   | Halifax, N.S.                       | 55 0  | 20 6  | 6 0  | 98   | The Nova Scotia Dredging Co., Ltd., Halifax, N.S.                                     |
| 111528                             | Alert                         | Digby                                  | Sloop            | 1901                   | Cape St. Mary's, N.S.               | 35 0  | 11 0  | 4 2  | 11   | Stephen A. Douglas, et al., Cape St. Mary's, N.S.                                     |
| 122081                             | Alberta                       | Lunenburg                              | Sloop            | 1907                   | Lunenburg, N.S.                     | 46 8  | 13 5  | 5 8  | 20   | Ashey W. Fisher, Canso, N.S.  |
| 103081                             | Albarrass                     | Charlottetown, N.B.                    | Sloop            | 1891                   | Shippagan, N.B.                     | 35 3  | 12 2  | 5 1  | 13   | T. Abner, Shippagan, N.B.   |
| 100846                             | Albarrass                     | Lunenburg                              | Sloop            | 1891                   | Waldon, Bay, N.S.                   | 41 4  | 15 7  | 6 1  | 26   | T. Arseault, L'Isle-à-Bras d'Or, N.S., and John Pym, North Sydney, N.S.               |
| 92371                              | Albarrass                     | St. John, N.B.                         | Sloop            | 1883                   | Greenwich, N.B.                     | 60 3  | 19 2  | 5 2  | 31   | F. E. Walton, Greenwich, N.B.   |
| 126452                             | Albérie A.                    | Sorel                                  | Sloop            | 1909                   | Notre-Dame-de-Pierre-Verte, Que.    | 110 0   | 23 5  | 7 1  | 124  | Gedron Beaudet, St. Jean des Châtillons, Que.   |
| 138282                             | Albina                        | Charlottetown, N.B.                    | Sloop            | 1906                   | Lanack, N.B.                        | 41 0  | 11 0  | 5 8  | 20   | Amadee Ache, Shippagan, N.B.  |
| 112266                             | Albys                         | Montreal                               | Sloop            | 1902                   | Pierreville, Que.                   | 162 3   | 27 0  | 7 2  | 123  | Annable Latour, Notre-Dame-de-Pierreville, Que.                                       |
| 141415                             | Alca                          | Lunenburg                              | Sloop            | 1919                   | Lunenburg, N.S.                     | 125 6   | 23 0  | 10 6   | 192  | Roland Knickle, M. O., Lunenburg, N.S.  |
| 103068                             | Alcide                        | Montreal                               | Sloop            | 1904                   | Pierreville, Que.                   | 82 2  | 19 2  | 5 1  | 65   | Léonid Beauchemin, Notre-Dame-de-Pierreville, Que.                                    |
| 116255                             | Alecione                      | Digby                                  | Sloop            | 1902                   | Shoburne, N.S.                      | 78 0  | 19 2  | 8 0  | 82   | Howard Anderson, M. O., Digby, N.S.   |
| 112287                             | Alert                         | Digby                                  | Sloop            | 1902                   | Apulo River, N.S.                   | 27 0  | 10 5  | 6 0  | 11   | H. B. McCornue, Shior, N.S.   |
| 122039                             | Alerta E.                     | Weymouth                               | Sloop            | 1908                   | Middle West, Pohnico, N.S.          | 31 0  | 14 0  | 6 0  | 10   | Frank Roberts, Liverpool, G.B.  |
| 90736                              | Alert                         | Port Hawkesbury                        | Sloop            | 1879                   | Little Harbour, N.S.                | 31 6  | 12 3  | 4 7  | 11   | Wm. A. Keating, Port Mulgrave, N.S.   |
| 122243                             | Alert                         | St. Andrews                            | Sloop            | 1860                   | Georgetown, N.B.                    | 47 5  | 15 8  | 6 9  | 18   | David J. Spear, Penfield, N.B.  |

SESSIONAL PAPER No. 22

| 141371 | Alexander MacLaurin  | Montreal           | Barge—Chd... | 1919 | Sorel, Que...                 | 130 9 | 27 1 | 9 4  | 279 | St. Maurice Paper Co., Ltd., 42 St. Sacrament St., Montreal, Que.      |
|--------|----------------------|--------------------|--------------|------|-------------------------------|-------|------|------|-----|--|
| 112107 | Alexandra.....       | Lanenburg          | Schr—Glt.    | 1903 | Lanenburg, N.S.               | 93 2  | 24 4 | 9 6  | 93  | Clifford B. Travis, Sydney, N.S.                                       |
| 122506 | Alexandra.....       | Vancouver          | Sloop        | 1907 | Little Lamek, N.B.            | 38 1  | 8 2  | 4 9  | 17  | Joseph E. Bird, Vancouver, C.F.  |
| 130985 | Alexandra.....       | Chatham, N.B.      | Schr—Glt     | 1912 | Little Lamek, N.B.            | 35 5  | 14 0 | 6 0  | 17  | Romain A. Noel, Little Lamek, N.B.                                     |
| 130956 | Alfara.....          | Lanenburg          | Schr—Glt     | 1912 | Mahone Bay, N.S.              | 103 6 | 25 8 | 10 3 | 42  | Willis Ernest, M. O., Mahone Bay, N.S.                                 |
| 133476 | Alfred Oek Hedley    | Parrsboro          | Schr—Glt     | 1918 | Fox River, N.S.               | 152 6 | 36 0 | 12 6 | 461 | A. B. Mackey Steamship Co., Ltd., Hamilton, Ont.                       |
| 111647 | Ahambra.....         | Lanenburg          | Schr—Glt     | 1901 | Mahone Bay, N.S.              | 88 2  | 24 5 | 9 6  | 74  | Parlu Sawh, Georgetown, Demerara, British Guiana.                      |
| 133835 | Ahante.....          | Lanenburg          | Schr—Glt     | 1907 | Lanenburg, N.S.               | 112 2 | 26 3 | 10 4 | 100 | Milton Rankney, M.O., Lallaave, N.S.                                   |
| 71302  | Alice.....           | Charlottetown      | Schr—Glt     | 1881 | Rexton, N.B.                  | 37 2  | 12 0 | 4 7  | 10  | Alex. McArthur, Lot 14, P.E.I.   |
| 111843 | Alice.....           | Chatham, N.B.      | Schr—Glt     | 1901 | Shippigan, N.B.               | 73 2  | 18 4 | 8 8  | 66  | Wm. Frung & Co., Ltd., Jersey, C.I.                                    |
| 122057 | Alice.....           | Chatham, N.B.      | Schr—Glt     | 1907 | Shippigan Island, N.B.        | 37 2  | 13 2 | 11 9 | 15  | Severe Dugé, Shippigan, N.B.   |
| 106561 | Alice.....           | Sydney, N.S.       | Schr—Glt     | 1882 | Lanenburg, N.S.               | 120 7 | 25 8 | 12 3 | 248 | Dominion Coal Co., Ltd., Montreal, Que.                                |
| 107392 | Alice.....           | Canso, N.S.        | Schr—Glt     | 1899 | Canso, N.S.                   | 44 0  | 14 8 | 7 1  | 16  | Edward Hearn, Canso, N.S.  |
| 103808 | Alice Mattiatall     | Pictou, N.S.       | Schr—Glt     | 1869 | Tatamagouche, N.S.            | 36 4  | 12 6 | 6 1  | 16  | Hugh Mattiatall, <i>et al.</i> , Tatamagouche, N.S.                    |
| 130279 | Alice Maud           | Chatham, N.B.      | Schr—Glt     | 1895 | Carriquet, N.B.               | 43 0  | 12 0 | 4 4  | 10  | Fabien Arseneault, Tignish, P.E.I.                                     |
| 164550 | Alice May            | St. John, N.B.     | Schr—Glt     | 1871 | St. John, N.B.                | 36 0  | 16 4 | 5 4  | 35  | Wm. Langworthy, Mimude, N.S.   |
| 884846 | Alice May            | Arriadat           | Schr—Glt     | 1888 | Fort Hawkesbury, N.S.         | 54 1  | 18 6 | 6 7  | 23  | Arthur Buchanan, North Shore, St. Ann's, N.S.                          |
| 907119 | Alice and Nellie     | Charlottetown      | Schr—Glt     | 1886 | Ship Harbour, N.S.            | 62 0  | 20 5 | 9 4  | 71  | John W. Dunphy, <i>et al.</i> , J. O. Ingonish, N.S.                   |
| 77225  | Alice and Nellie     | Halifax            | Schr—Glt     | 1878 | Freeport, N.S.                | 50 6  | 17 3 | 6 1  | 30  | Craigen P. Young, <i>et al.</i> , Pespeswick, N.S.                     |
| 100739 | Alida A.....         | Windsor, N.S.      | Schr—Glt     | 1894 | Cambridge, N.S.               | 27 9  | 9 4  | 3 4  | 4   | Dean Phinney Parrsboro, N.S.   |
| 130332 | Albka P.....         | Chatham, N.B.      | Schr—Glt     | 1910 | Lamék, N.B.                   | 36 0  | 12 0 | 5 2  | 15  | Zoel G. J. Paulin, Lamék, N.B.   |
| 120165 | Allans No. 1.....    | Montreal.....      | Barge—Chd... | 1908 | Montreal, Que.....            | 139 0 | 32 9 | 9 2  | 250 | The Allan Line Steamship Co., Ltd., 25 Bothwell St., Glasgow, G.B.     |
| 120166 | Allans No. 2.....    | Montreal.....      | Barge—Chd... | 1903 | Montreal, Que.....            | 159 6 | 30 7 | 8 9  | 279 | The Allan Line Steamship Co., Ltd., 25 Bothwell St., Glasgow, G.B.     |
| 120167 | Allans No. 3.....    | Quebec.....        | Barge—Chd... | 1903 | Montreal, Que.....            | 121 0 | 30 7 | 7 6  | 170 | Lachance Limitee, 39 St. Paul St., Quebec, Que.                        |
| 120168 | Allans No. 4.....    | Montreal.....      | Barge—Chd... | 1903 | Montreal, Que.....            | 100 5 | 30 6 | 9 0  | 152 | The Allan Line Steamship Co., Ltd., 25 Bothwell St., Glasgow, G.B.     |
| 120170 | Allans No. 6.....    | Montreal.....      | Barge—Chd... | 1903 | Montreal, Que.....            | 117 8 | 29 1 | 7 9  | 172 | The Atlas Sand Co., Ltd., 77 Common St., Montreal, Que.                |
| 123931 | Alumette.....        | Ottawa             | Scow—Chd     | 1902 | Ottawa, Ont.                  | 52 4  | 13 5 | 2 4  | 27  | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                   |
| 121162 | Alma.....            | Charlham, N.B.     | Schr—Glt     | 1903 | Lamék, N.B.                   | 38 0  | 13 0 | 5 9  | 12  | Asaph Duguay, Lamék, N.B.  |
| 107550 | Alma.....            | St. John, N.B.     | Schr—Glt     | 1898 | Cambridge, N.B.               | 73 0  | 24 7 | 9 2  | 72  | Joseph N. Pussley, Parrsboro, N.S.                                     |
| 107357 | Alma.....            | Sydney, N.S.       | Schr—Glt     | 1898 | Aspy Bay, N.S.                | 52 3  | 18 1 | 5 3  | 34  | G. Burton, Aspy Bay, N.S.  |
| 88494  | Anna I. Gerrie       | Charlottetown      | Schr—Glt     | 1906 | Grindsone, M. I., Que.        | 63 3  | 18 0 | 7 0  | 43  | Wm. T. Weir, Manley Bridge, P.E.I.                                     |
| 74506  | Annanda.....         | Quebec             | Schr—Glt     | 1886 | Cap St. Ignace, Que.          | 60 2  | 16 3 | 6 0  | 41  | J. T. Bonedard, Malbone Que.   |
| 134294 | Aloha.....           | Midland            | Schr—Glt     | 1878 | Mount Clements, Mich., U.S.A. | 171 2 | 32 0 | 12 0 | 517 | Donnelly Salvage & Wrecking Co., Ltd., 193 Ontario St., Kingston, Ont. |
| 141475 | Alonzo F. Burt       | Montreal           | Barge—Chd    | 1915 | Bellingham, Wash., U.S.A.     | 96 2  | 17 5 | 7 8  | 125 | Century Coal Co., Ltd., 145 St. James St., Montreal, Que.              |
| 141014 | Alpena.....          | Vancouver          | Scow—Chd     | 1906 | Redville's Cove, N.S.         | 44 9  | 13 1 | 4 2  | 19  | Nimkish Timber Co., Ltd., 922 Standard Bank Bldg., Vancouver, B.C.     |
| 88598  | Alph. B. Parker..... | Digby              | Schr—Glt.    | 1885 | Tusket Wedge, N.S.            | 67 0  | 19 1 | 6 7  | 45  | Samuel Bowdridge, Murray Harbour, P.E.I.                               |
| 134093 | Alsek.....           | Vancouver          | Barge—Chd    | 1903 | Redville's Cove, N.S.         | 89 0  | 28 2 | 6 3  | 222 | The British Yukon Navigation Co., Ltd., Vancouver, B.C.                |
| 122149 | Alva.....            | Barrington Passage | Sloop        | 1907 | White Horse, Y.T.             | 31 0  | 11 0 | 6 3  | 11  | Albert H. Kenney, Barrington Passage, N.S.                             |
| 116217 | Amable.....          | Quebec             | Schr—Glt     | 1901 | Chicote, N.S.                 | 53 6  | 20 8 | 5 0  | 33  | Amble's Foundry, Montserrat, Que.                                      |
| 129271 | Amanda S.....        | St. John, N.B.     | Schr—Glt     | 1887 | Monmaggan, Que.               | 104 3 | 17 9 | 4 2  | 34  | A. C. Deane, St. John, N.B.  |
| 126145 | Anacrine.....        | Montreal           | Schr—Glt     | 1908 | Rexton, N.B.                  | 50 6  | 23 2 | 7 5  | 431 | Emile Charbon, Montreal, Que.  |
| 107211 | Ambition.....        | Lanenburg          | Schr—Glt     | 1902 | St. Hubert, N.S.              | 106 6 | 23 2 | 10 2 | 507 | Stephan Plamard, North Sydney, N.S.                                    |
| 107807 | America.....         | Halifax            | Schr—Glt     | 1898 | Sheffield, N.S.               | 95 0  | 20 5 | 4 7  | 16  | The Minister of Marine & Fisheries, Ottawa, Ont.                       |
| 94892  | America.....         | St. John, N.B.     | Sloop        | 1896 | Grand Manan, N.B.             | 40 6  | 13 7 | 5 4  | 37  | Freeman Robichau, Montserrat, N.S.                                     |
| 141406 | Americo.....         | St. John, N.B.     | Sloop        | 1887 | Manville, B.C.                | 48 0  | 14 3 | 3 3  | 32  | Bernard Baek, Vancouver, B.C.  |
| 50372  | Amos M. Holt         | Digby              | Schr—Glt     | 1915 | Smith's Cove, N.S.            | 23 6  | 8 5  | 3 0  | 33  | Walter Logan, St. John, N.B.   |
| 138789 | Amoy G. McKeen       | Digby              | Schr—Glt     | 1878 | St. Patrick, N.B.             | 53 0  | 19 3 | 6 0  | 33  | David B. Graves, Granville, N.S.                                       |
| 131213 | Amv Turner.....      | Halifax            | Schr—Glt     | 1919 | Tuffs Cove, N.S.              | 141 4 | 33 3 | 12 4 | 465 | Wm. J. McKeen, Halifax, N.S.   |
|        |                      | Prince Rupert      | Bk—Bt        | 1877 | Boston, Mass., U.S.A.         | 174 0 | 35 4 | 21 6 | 901 | Amv Turner Shipping Co., Ltd., 1117 Wharf St., Victoria, B.C.          |

<sup>1</sup>Recovered wreck.

ALPHABETICAL List of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

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| Official Number<br>Numéro officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Rig.<br>Gréement. | Built.<br>Construit<br>on | Where Built.<br>Lieu de construction. | Length in feet and inches.<br>Longueur en pieds et 10ths. | Breadth in feet and 10ths.<br>Largeur en pieds et 10ths. | Depth in feet and 10ths.<br>Profondeur en pieds et 10ths. | Registered tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|---------------------------------|---|-------------------|---------------------------|---------------------------------------|---|--|---|--|---|
| 138283                              | Anglin                          | Chatham, N.B.                               | Schr—Grl.         | 1916                      | Tignish, P.E.I.                       | 41 5  | 13 8   | 5 5   | 17   | Guy Melnes, Mininewash, P.E.I.  |
| 103971                              | Anglesca                        | Chatham, N.B.                               | Schr—Grl.         | 1893                      | Carriquet, N.B.                       | 36 2  | 13 4   | 5 1   | 12   | H. LeBoutillier, Carriquet, N.B.  |
| 107705                              | Anglo-Saxon                     | Toronto                                     | House boat        | 1898                      | Pentacanthusien, Ont.                 | 58 0  | 23 0   | 3 0   | 180  | David Davidson, Pentacanthusien, Ont.   |
| 85482                               | Angola                          | Liverpool                                   | Schr—Grl.         | 1883                      | Jordan River, N.S.                    | 82 4  | 22 2   | 8 7   | 91   | Charles Brister, Halifax, N.S.  |
| 130936                              | Angus W. Robertson              | Montreal                                    | Scow—Chd.         | 1912                      | Montreal, Que.                        | 110 1   | 28 1   | 7 9   | 199  | The Minister of Public Works, Ottawa, Ont.  |
| 116222                              | Anita                           | Lancenburg                                  | Schr—Grl.         | 1905                      | Lancenburg, N.S.                      | 48 6  | 13 5   | 6 1   | 16   | Wm. Clevesay, Pleasantville, N.S.   |
| 107503                              | Anita                           | St. John, N.B.                              | Sloop             | 1896                      | St. Andrews, N.B.                     | 32 6  | 12 0   | 5 0   | 10   | Issue Tresear, Grand Manan, N.B.  |
| 129933                              | Anita                           | Yarmouth                                    | Sloop             | 1905                      | Surette's Island, N.S.                | 30 0  | 11 0   | 6 0   | 11   | Augustin Bourque, Tusket, N.S.  |
| 92419                               | Anna                            | Chatham, N.B.                               | Schr—Grl.         | 1889                      | Shippigan, N.B.                       | 31 7  | 12 2   | 5 0   | 12   | Dorothy Chibasso, Shippigan, N.B.   |
| 103673                              | Anna                            | Chatham, N.B.                               | Schr—Grl.         | 1892                      | Shippigan, N.B.                       | 35 2  | 12 8   | 5 0   | 11   | Louke Priole, Carriquet, N.B.   |
| 117028                              | Anna F.                         | Sydney, N.S.                                | Sloop             | 1905                      | Ingonish, N.S.                        | 37 0  | 12 1   | 6 3   | 14   | James B. Campbell, M. A. Dion, N.S.   |
| 134592                              | Anna Jane                       | Paspébiac                                   | Schr—Grl.         | 1915                      | Port Daniel, P.Q.                     | 42 0  | 13 3   | 3 9   | 9  | Robert Asslet, Port Daniel West, Que.   |
| 80993                               | Anna K.                         | St. John, N.B.                              | Schr—Grl.         | 1881                      | Greenwich, P.E.I.                     | 30 4  | 12 3   | 5 8   | 14   | George H. Gibson, Margaretsville, N.S.  |
| 101239                              | Anna Macdonald                  | Charlottetown                               | Schr—Grl.         | 1920                      | Cardigan, P.E.I.                      | 105 5   | 25 5   | 10 1  | 191  | John A. Macdonald, Cardigan, P.E.I.   |
| 135051                              | Anabel Cameron                  | Archat                                      | Schr—Grl.         | 1892                      | Georgetown, P.E.I.                    | 31 2  | 13 7   | 4 6   | 10   | R. H. Munro, Whitehaven, N.S.   |
| 12146                               | Anandale                        | Pictou, N.S.                                | Schr—Grl.         | 1919                      | New Glasgow, N.S.                     | 155 7   | 31 5   | 13 0  | 458  | Walter and Charles McNeil, J. O., New Glasgow, N.S.                                   |
| 27359                               | Anandale                        | Kingston                                    | House boat        | 1903                      | Rockport, Ont.                        | 62 6  | 22 2   | 1 2   | 76   | The Rideau House Boat Association, Ltd., Kingston, Ont.                               |
| 27290                               | Annie                           | Quebec                                      | Schr—Grl.         | 1889                      | Anse St-Jean, Que.                    | 42 0  | 15 0   | 6 4   | 21   | M. Blais, Jr., Riviere, Komatin, Leduc, N.S.  |
| 75888                               | Annie                           | Archat                                      | Schr—Grl.         | 1867                      | La Have, N.S.                         | 70 0  | 22 0   | 8 8   | 68   | Edward J. LeBlanc, West Archat, N.S.  |
| 73081                               | Annie                           | Charlottetown                               | Schr—Grl.         | 1880                      | Pictou, N.S.                          | 43 3  | 16 4   | 5 6   | 22   | J. B. Sandby, Port Elean, N.B.  |
| 103981                              | Annie                           | Chatham, N.B.                               | Schr—Grl.         | 1875                      | Riccihueto, N.B.                      | 41 3  | 13 8   | 4 7   | 13   | John P. Brennan, Alberton, P.E.I.   |
| 103951                              | Annie B.                        | Yarmouth                                    | Schr—Grl.         | 1895                      | Salmon River, N.S.                    | 77 6  | 25 0   | 6 5   | 71   | Norie M. Oatley, Pictou, N.S.   |
| 13879                               | Annie B.                        | Barrington Passage                          | Sloop             | 1902                      | Puimioo, N.S.                         | 41 0  | 14 9   | 6 6   | 20   | E. B. Nickerson, Port Clyde, N.S.   |
| 138474                              | Annie B. Anderson               | Parsonsboro                                 | Schr—Grl.         | 1917                      | Parrishoto, N.S.                      | 151 4   | 35 4   | 13 0  | 406  | The "Annie B. Anderson", Co., Ltd., Sherbrooke, N.S.                                  |
| 103314                              | Annie B. M.                     | Archat                                      | Schr—Grl.         | 1903                      | L'Ardoise, N.S.                       | 41 6  | 13 3   | 6 0   | 18   | Alex. Keating, Anson, N.S.  |
| 103200                              | Annie Bennett                   | Paspébiac                                   | Schr—Grl.         | 1914                      | Black Cape, Que.                      | 39 0  | 13 6   | 5 6   | 15   | Michael Bennett and Mrs. Annie I. Bennett, Black Cape, Que.                           |
| 80627                               | Annie D.                        | Shelburne                                   | Schr—Grl.         | 1881                      | Puimioo, N.S.                         | 72 8  | 23 0   | 7 9   | 71   | Lorenzo Porriat, West Archat, N.S.  |
| 128395                              | Annie E. Conrad                 | Lancenburg                                  | Schr—Grl.         | 1917                      | Puimioo, N.S.                         | 103 4   | 24 2   | 10 2  | 99   | Joseph Conrad, M.O., LaHave, N.S.   |
| 12657                               | Annie F.                        | Halifax                                     | Schr—Grl.         | 1878                      | Indian Harbour, N.S.                  | 58 8  | 18 5   | 8 0   | 38   | J. Rogers, Fortune, Nfld.   |
| 119025                              | Annie J.                        | Yarmouth                                    | Schr—Grl.         | 1910                      | Queensport, N.S.                      | 108 4   | 25 8   | 10 8  | 95   | Henry A. Amiro, Yarmouth, N.S.  |
| 107756                              | Annie M.                        | Charlottetown                               | Schr—Grl.         | 1903                      | Queensport, N.S.                      | 48 0  | 15 8   | 8 5   | 29   | Jno. F. Cheneil, Sydney, N.S.   |
| 100490                              | Annie M.                        | Charlottetown                               | Schr—Grl.         | 1902                      | Mininewash, P.E.I.                    | 35 6  | 13 9   | 6 1   | 20   | Peter Perry, Tignish, P.E.I.  |
| 107069                              | Annie M.                        | Chatham, N.B.                               | Schr—Grl.         | 1890                      | Shippigan, N.B.                       | 36 2  | 12 3   | 4 8   | 11   | W. S. Lorgie Co., Ltd., Chatham, N.B.   |
| 107069                              | Annie M.                        | St. John, N.B.                              | Sloop             | 1897                      | St. John, N.B.                        | 42 2  | 11 3   | 4 0   | 18   | Edward McCaugan, jr., St. John, N.B.  |

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| 111737 | Annie M. W.       | Lunenburg       | Schr—Glt.  | 1902 | LaHave, N.S.               | 90 4  | 24 3 | 9 3  | 98  | Edgerton Ritecy, M.O., Riverport, N.S.                             |
|--------|-------------------|-----------------|------------|------|----------------------------|-------|------|------|-----|--|
| 115225 | Annie May         | Digby           | Schr—Glt.  | 1900 | Port Lorne, N.S.           | 28 0  | 11 3 | 5 8  | 34  | David Sabean, Port Lorne, N.S.                                     |
| 90495  | Annie S.          | Halifax         | Schr—Glt.  | 1885 | Ship Harbour, N.S.         | 49 3  | 17 6 | 7 0  | 31  | David A. Boudou, Port Felix, N.S.                                  |
| 123912 | Annie Smith       | Yarmouth        | Schr—Glt.  | 1906 | Clyde, N.S.                | 34 0  | 12 0 | 6 0  | 13  | E. P. Crowell, Port LaTour, N.S.                                   |
| 127912 | Anonide           | Chatham, N.B.   | Schr—Glt.  | 1915 | Caraque, N.B.              | 44 0  | 14 5 | 6 2  | 20  | Théophile Gallien, Caraque, N.B.                                   |
| 142960 | Antoine Auger     | Quebec          | Schr—Glt.  | 1875 | Garden Island, Ont.        | 151 0 | 26 0 | 11 2 | 365 | Auger & Son, Ltd., 132 St. Peter St., Quebec, Que.                 |
| 143432 | Anzac I.          | St. John, N.B.  | Barge—Chd. | 1919 | U.S.A.                     | 33 4  | 7 7  | 3 8  | 4   | Howard B. Buskin, St. John, N.B.                                   |
| 150344 | Appo, No. 1.      | Montreal        | Scow—Chd.  | 1919 | La Reine, Que.             | 50 1  | 14 1 | 2 4  | 39  | Abitibi Power & Paper Co., Ltd., Dominion Square, Montreal, Que.   |
| 136378 | Arab Boy          | Halifax         | Sloop      | 1907 | Mahone Bay, N.S.           | 29 5  | 8 8  | 4 5  | 5   | Walter F. Mitchell, Halifax, N.S.                                  |
| 14097  | Arabi             | Chatham, N.B.   | Schr—Glt.  | 1896 | Shippigan, N.B.            | 34 6  | 13 1 | 4 8  | 12  | P. Rive, Caraque, N.B.   |
| 32167  | Aranuka           | Lunenburg       | Schr—Glt.  | 1912 | Mahone Bay, N.S.           | 106 8 | 26 3 | 10 4 | 95  | Chas. H. Ritecy, et al., Riverport, N.S.                           |
| 34007  | Aranuka           | Lunenburg       | Schr—Glt.  | 1914 | Mahone Bay, N.S.           | 97 6  | 25 0 | 10 0 | 94  | Robert Hiltz, M.O., Indian Point, N.S.                             |
| 329818 | Araucania         | Sorel           | Schr—Glt.  | 1911 | Mahone Bay, N.S.           | 103 0 | 23 5 | 10 5 | 92  | Robin Jones & Whitman, Ltd., et al., Halifax, N.S.                 |
| 321043 | Arcade            | Sorel           | Sloop      | 1907 | Pierreville, Que.          | 109 0 | 25 2 | 7 7  | 140 | Agapit Daneau, Notre-Dame de Pierreville, Que.                     |
| 131176 | Arcade            | Lunenburg       | Schr—Glt.  | 1913 | Lunenburg, N.S.            | 106 8 | 26 3 | 10 4 | 97  | Henry Adams, M.O., Lunenburg, N.S.                                 |
| 100919 | Artelia           | Shelburne       | Schr—Glt.  | 1882 | Sand Point, N.S.           | 27 6  | 12 0 | 5 6  | 10  | Peter M. Crowe, Shelburne, N.S.                                    |
| 132605 | Arena             | Halifax         | Schr—Glt.  | 1913 | Sambro, N.S.               | 42 0  | 10 6 | 5 6  | 12  | Edward S. Marryatt, M.O., Ponnant, N.S.                            |
| 96739  | Argentine         | Chatham, N.B.   | Schr—Glt.  | 1890 | Caraque, N.B.              | 37 0  | 13 0 | 5 4  | 14  | O. Gionet, Caraque, N.B.   |
| 83478  | Argyle            | St. Andrews     | Schr—Glt.  | 1880 | Argyle, N.S.               | 37 1  | 12 5 | 5 2  | 10  | James T. Hinds and Wm. F. Hinds, J.O., Letang, N.B.                |
| 111762 | Ariadne           | Kingston        | Schr—Glt.  | 1907 | Wilson's Beach, N.B.       | 57 1  | 14 5 | 4 0  | 23  | Joseph Dabrule, Prescott, Ont.                                     |
| 10367  | Ariadne           | Kingston        | Schr—Glt.  | 1891 | Aunherst Island, Ont.      | 57 6  | 18 3 | 4 5  | 16  | J. McIntosh, South Marysburg, Ont.                                 |
| 112107 | Ariadne           | St. John, N.B.  | Schr—Glt.  | 1902 | Cape Vincent, N.Y., U.S.A. | 63 4  | 19 1 | 7 4  | 48  | Jno. S. Clifford, Tiverton, N.S.                                   |
| 103487 | Ariadne           | Victoria        | Yawl—Yole  | 1896 | Esquimaux, B.C.            | 46 8  | 15 2 | 7 0  | 23  | Christian Biergaard, Halberg, B.C.                                 |
| 107078 | Ariadne           | St. John, N.B.  | Sloop      | 1894 | Kobesay, N.B.              | 27 0  | 10 8 | 4 4  | 7   | R. Matthews, St. John, N.B.  |
| 85756  | Aristide          | Quebec          | Schr—Glt.  | 1883 | Natastuan, Que.            | 40 8  | 15 2 | 6 1  | 19  | Louis St. Hilaire, Baie St. Paul, Que.                             |
| 112314 | Aritas            | St. Andrews     | Sloop      | 1902 | Campobello, N.B.           | 34 5  | 13 0 | 7 8  | 99  | Ralph Colson, Campobello, N.B.                                     |
| 83307  | Aritas            | Charlottetown   | Schr—Glt.  | 1883 | Port Medway, N.S.          | 84 0  | 35 0 | 10 4 | 521 | J. A. Munn and Wm. F. Harris, Murray River, P.E.I., Montreal, Que. |
| 72957  | Aritas            | St. Catharines  | Schr—Glt.  | 1875 | Port Dalhousie, Ont.       | 175 6 | 35 6 | 12 0 | 11  | The Montreal Lighterage Co., Ltd., Montreal, Que.                  |
| 138290 | Ark               | Chatham, N.B.   | Sloop      | 1897 | Caraque, N.B.              | 36 0  | 12 0 | 4 3  | 15  | Joseph H. Lévesque, Caraque, N.B.                                  |
| 107430 | Ark               | St. Andrews     | Sloop      | 1894 | Caraque, N.B.              | 35 0  | 12 2 | 5 0  | 10  | Henry H. Cheney, Grand Manan, N.B.                                 |
| 107913 | Arnald B.         | St. Andrews     | Sloop      | 1897 | Church Point, N.S.         | 29 0  | 11 3 | 4 6  | 15  | Henry H. Cheney, Grand Manan, N.B.                                 |
| 121695 | Arnold S.         | Yarmouth        | Sloop      | 1904 | Puaboo, N.S.               | 34 0  | 11 4 | 6 0  | 10  | Samuel Epstein, Yarmouth, N.S.                                     |
| 85694  | Arnold S.         | Chatham, N.B.   | Sloop      | 1883 | Bathurst, N.B.             | 41 4  | 13 2 | 5 0  | 10  | William Day, Bathurst, N.B.  |
| 134323 | Assenau Brothers  | Chatham, N.B.   | Schr—Glt.  | 1914 | Green Point, N.B.          | 34 6  | 10 0 | 4 6  | 10  | Richard A. Arseneau, Green Point, N.B.                             |
| 103098 | Arthur            | Montreal        | Schr—Glt.  | 1890 | Sorel, Que.                | 86 7  | 19 5 | 4 4  | 58  | Regis Joly, St. Anne de Sorel, Que.                                |
| 121946 | Arthur            | Sorel           | Barge—Chd. | 1907 | Sorel, Que.                | 109 0 | 22 8 | 9 6  | 198 | Amédée Lamothé, St. Denis, Que.                                    |
| 141046 | Arthur H. Zwicker | Lunenburg       | Schr—Glt.  | 1913 | Chester Basin, N.S.        | 158 8 | 36 0 | 12 9 | 507 | The "Arthur H. Zwicker" Shipping Co. Ltd., Lunenburg, N.S.         |
| 138548 | Arthur J. Balfour | Lunenburg       | Schr—Glt.  | 1917 | Dayspring, N.S.            | 106 6 | 26 0 | 10 8 | 99  | William Duff, M.O., Lunenburg, N.S.                                |
| 96945  | Arthur M.         | St. John, N.B.  | Schr—Glt.  | 1890 | St. Martins, N.B.          | 77 3  | 25 9 | 7 6  | 97  | Wm. H. Maher and Harvey M. Hatfield, St. John, N.B.                |
| 141591 | Arthur Morgan     | Montreal        | Schr—Glt.  | 1912 | Detroit, Mich., U.S.A.     | 220 2 | 35 3 | 14 0 | 888 | The Sincennes McNaughton Line, Ltd., 75 Common St., Montreal, Que. |
| 141590 | Ashland           | Montreal        | Schr—Glt.  | 1886 | Trenton, Mich., U.S.A.     | 225 7 | 35 1 | 13 9 | 949 | The Sincennes McNaughton Line, Ltd., 75 Common St., Montreal, Que. |
| 94886  | Asia              | Montreal        | Schr—Glt.  | 1889 | Pierreville, Que.          | 107 0 | 23 3 | 9 6  | 79  | Elise Daneau, Notre-Dame de Pierreville, Que.                      |
| 122586 | Aspinct           | Port Medway     | Schr—Glt.  | 1909 | Puaboo, N.S.               | 37 0  | 14 5 | 6 4  | 14  | Chas. F. Plunder and Dr. A. Tufty, Big Lorraine, N.S.              |
| 132821 | Astra             | Chatham, N.B.   | Schr—Glt.  | 1916 | Lanek, N.B.                | 40 0  | 10 5 | 4 3  | 12  | Joseph Baudins, Little Shippigan, Shippigan Is., N.B.              |
| 134118 | Atacapa           | Lunenburg       | Schr—Glt.  | 1916 | Mahone Bay, N.S.           | 102 6 | 26 2 | 10 2 | 96  | J. Ernst & Son, Ltd., Mahone Bay, N.S.                             |
| 134118 | Atagi No. 1       | New Westminster | Barge—Chd. | 1913 | Steveston, B.C.            | 90 0  | 16 0 | 4 0  | 24  | Tsunematsu Asagi, Steveston, B.C.                                  |
| 141526 | Atagi No. 2       | New Westminster | Scow—Chd.  | 1913 | Steveston, B.C.            | 90 0  | 16 0 | 4 0  | 24  | Tsunematsu Asagi, Steveston, B.C.                                  |
| 130277 | Atlabasca River   | Winnipeg        | Scow—Chd.  | 1912 | Atlabasca Landing, Alta.   | 136 0 | 28 7 | 7 3  | 63  | W. E. Hudson & Bay Co., London, England.                           |
| 126131 | Atheling          | Halifax         | Schr—Glt.  | 1908 | Bedford, N.S.              | 68 8  | 19 7 | 5 7  | 34  | W. E. Toole, Halifax, N.S.   |
| 121895 | Athlete           | Shelburne       | Schr—Glt.  | 1906 | Shelburne, N.S.            | 68 8  | 19 7 | 5 7  | 34  | John C. Cook, Grand Harbour, N.B.                                  |
| 111487 | Atlantic          | Quebec          | Barge—Chd. | 1876 | Philadelphia, Pa., U.S.A.  | 153 0 | 28 2 | 9 6  | 271 | Joseph Guerin, St. Joseph de Sorel, Que.                           |
| 107828 | Atlas             | Victoria        | Barge—Chd. | 1882 | Victoria, B.C.             | 113 3 | 23 0 | 9 2  | 176 | Pacific Barge Co., Ltd., Victoria, B.C.                            |

Formerly "Cherokee". Formerly a steamer. Formerly "Abaas". Formerly "Arthur". Formerly "Montcalm". Formerly "Wanderer," and a steamer.

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless Muni de la T.S.F.—Abbreviations—*Abbreviations*: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel | Name of Ship<br>Nom du navire | Port of Registry<br>Port d'enregistrement | Rig.<br>Gréement | Build<br>Construit en | Where Built<br>Lieu de construction | Length in feet and 10ths<br>Longueur en pieds et 10es. | Breadth in feet and 10ths<br>Largeur en pieds et 10es. | Depth in feet and 10ths<br>Profondeur en pieds et 10es. | Registered tonnage<br>Tonnage enregistré. | Owner or Managing Owner, and Address<br>Armateur ou propriétaire gérant, et adresse. |
|------------------------------------|-------------------------------|---|------------------|-----------------------|-------------------------------------|--|--|---|---|--|
| 438234                             | Alasco                        | Montreal                                  | Barge -Chd       | 1881                  | Buffalo, N.Y., U.S.A.               | 227 5  | 33 0   | 13 1  | 788                                       | The Sincennes McNaughton Line, Ltd., 75 Common St., Montreal, Que.                   |
| 116921                             | Alin                          | Victoria                                  | Barge -Chd       | 1917                  | Sorel, Que.                         | 58 0   | 18 0   | 4 0   | 31  | The British Yukon Navigation Co., Ltd., Vancouver, B.C.                              |
| 103996                             | Al revoir                     | St. Andrews                               | Sloop            | 1901                  | White Horse, N.B.                   | 35 0   | 13 8   | 5 0   | 15  | Fryck, S. Russell, Grand Manan, N.B.   |
| 131181                             | Alburn                        | Peterborough                              | Scow -Chd        | 1912                  | Peterborough, Ont.                  | 110 0  | 27 4   | 7 1   | 190                                       | The Minister of Railways and Canals, Ottawa, Ont.                                    |
| 141383                             | Audrey P. Brown               | La Haye                                   | Schr -Glt        | 1915                  | Liverpool, N.S.                     | 123 4  | 28 9   | 10 8  | 218                                       | Charles H. Ritcey, M.O., La Haye, N.S.   |
| 100360                             | Auguste                       | Quebec                                    | Schr -Glt        | 1890                  | St. Thomas, Que.                    | 67 5   | 21 4   | 5 6   | 49  | Evan John Price, Quebec, Que.  |
| 96919                              | Augustus                      | Montreal                                  | Schr -Glt        | 1893                  | Garden Island, Ont.                 | 177 5  | 39 6   | 15 0  | 802                                       | The Sincennes McNaughton Line, Ltd., 75 Common St., Montreal, Que.                   |
| 97134                              | Aurolia                       | Quebec                                    | Schr -Glt        | 1886                  | Mill's Vaches, Que.                 | 38 8   | 11 8   | 4 6   | 14  | J. L. Pequet, Bonne Espérance, Labrador.   |
| 94727                              | Aurore                        | St. John, N.B.                            | Schr -Glt        | 1889                  | Hall's Harbour, N.S.                | 40 8   | 15 5   | 6 0   | 22  | Halle Bigelow, Cumming, N.S.   |
| 72068                              | Aurdie                        | Quebec                                    | Barge -Chd       | 1873                  | Yamaska, Que.                       | 102 4  | 22 2   | 7 5   | 127                                       | Alexander Laplante, Lachine, Que.  |
| 133814                             | Austin B.                     | Lanenburg                                 | Schr -Glt        | 1904                  | Lanenburg, N.S.                     | 40 4   | 10 8   | 3 1   | 10  | Arbald Hauglin, West Isles, N.S.   |
| 83169                              | Austin P.                     | St. Andrews                               | Schr -Glt        | 1882                  | West Isles, N.B.                    | 32 0   | 13 5   | 6 0   | 12  | Chas. W. Stewart, West Isles, N.B.   |
| 94791                              | Audmin Belle                  | Rochibucto                                | Schr -Glt        | 1888                  | Rochibucto, N.B.                    | 37 2   | 13 4   | 5 0   | 15  | John Robertson, Reston, N.B.   |
| 92500                              | Avalon                        | Windson, N.S.                             | Schr -Glt        | 1885                  | Advocate, N.S.                      | 33 9   | 28 2   | 7 9   | 116                                       | J. Willard Smith, St. John, N.B.   |
| 88099                              | Avenue                        | Quebec                                    | Schr -Glt        | 1885                  | Waterborough, N.B.                  | 65 1   | 23 0   | 6 1   | 51  | Wm. S. Durose, Cambridge, N.B.   |
| 130988                             | Avenor                        | Chatham, N.B.                             | Schr -Glt        | 1912                  | Carapuet, N.B.                      | 37 0   | 14 3   | 6 0   | 17  | Peter S. Lanteigne, Caraquet, N.B.   |
| 111594                             | Avis                          | St. John, N.B.                            | Sloop            | 1895                  | Port Androy, Me., U.S.A.            | 31 0   | 8 3  | 2 9   | 4   | John B. Curdip, St. John, N.B.   |
| 103127                             | Avis C. Tolley                | St. Andrews                               | Sloop            | 1906                  | West Isles, N.B.                    | 35 0   | 12 1   | 4 8   | 13  | H. H. Bancroft, Grand Manan, N.B.  |
| 106824                             | Avis Pauline                  | Barrington Passage                        | Sloop            | 1903                  | Clark's Harbour, N.S.               | 31 6   | 11 9   | 5 4   | 12  | Peter M. Nickerson, Clark's Harbour, N.S.  |
| 134011                             | Azamelu                       | Lanenburg                                 | Schr -Glt        | 1913                  | Baywater, N.S.                      | 59 0   | 15 8   | 9 0   | 35  | Clifford Shirley, Fortune Bay, Nfld.   |
| 441064                             | Azaz                          | Chatham, N.B.                             | Schr -Glt        | 1919                  | Middle-Caracquet, N.B.              | 40 4   | 13 4   | 4 8   | 16  | Moses Aziz, Middle-Caracquet, N.B.   |
| 125529                             | B. II                         | Vancouver                                 | Scow -Chd        | 1907                  | Vancouver, B.C.                     | 73 9   | 30 0   | 8 0   | 158                                       | Vancouver Tug & Barge Co., Ltd., 1001 Main St., Vancouver, B.C.                      |
| 133723                             | B. A. S. Co. No. 1.           | Vancouver                                 | Scow -Chd        | 1913                  | Vancouver, B.C.                     | 68 3   | 27 2   | 7 3   | 136                                       | Alex. Tasler, et al., J.O., South Vancouver, B.C.                                    |
| 441025                             | B. B. No. 1                   | Vancouver                                 | Scow -Chd        | 1912                  | New Westminster, B.C.               | 85 2   | 28 0   | 7 5   | 148                                       | Wm. Bartlett, Vancouver, B.C., and E. P. Bartlett, New Westminster, B.C.             |
| 100163                             | B. C.                         | Quebec                                    | Schr -Glt        | 1891                  | St. Thomas, Que.                    | 37 4   | 12 6   | 5 0   | 45  | E. Caron, Montmagny, Que.  |
| 121982                             | B. C. C. No. 3                | Victoria                                  | Barge -Chd       | 1905                  | Ladners, B.C.                       | 49 5   | 18 3   | 5 0   | 19  | Sooke Harbour Fishing & Packing Co., Ltd., Bastian Square, Victoria, B.C.            |
| 121983                             | B. C. C. No. 4                | Victoria                                  | Barge -Chd       | 1906                  | Ladners, B.C.                       | 45 5   | 16 2   | 5 0   | 33  | Sooke Harbour Fishing & Packing Co., Ltd., Bastian Square, Victoria, B.C.            |

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|        |                         |                 |               |      |                            |       |      |       |  |
|--------|-------------------------|-----------------|---------------|------|----------------------------|-------|------|-------|--|
| 138534 | B. C. E. Oil No. III    | Vancouver       | Stow—Chd.     | 1913 | Vancouver, B.C.            | 85 0  | 7 7  | 151   | Vancouver Power Co., Ltd., 425 Carroll St., Vancouver, B.C.                  |
| 133552 | B. C. L. No. 1          | Vancouver       | Stow—Chd.     | 1912 | New Westminster, B.C.      | 97 4  | 9 6  | 303   | Frank L. Buckley, Vancouver, B.C.  |
| 126234 | B. C. S. & G. Co. No. 1 | Victoria        | Barge—Chd.    | 1908 | Sidney, B.C.               | 90 0  | 8 0  | 166   | Producers' Rock & Gravel Co., Ltd., Victoria, B.C.                           |
| 138735 | B. C. T. No. 1          | New Westminster | Stow—Chd.     | 1912 | New Westminster, B.C.      | 78 4  | 30 0 | 7 2   | British Columbia Transport Co., Ltd., 301 Winch Bldg., Vancouver, B.C.       |
| 138736 | B. C. T. No. 2          | New Westminster | Barge—Chd.    | 1912 | New Westminster, B.C.      | 79 6  | 29 0 | 7 0   | B. C. Transport Co., Ltd., London, G.B.                                      |
| 138737 | B. C. T. No. 3          | New Westminster | Stow—Chd.     | 1912 | New Westminster, B.C.      | 78 4  | 30 0 | 7 2   | British Columbia Transport Co., Ltd., 301 Winch Bldg., Vancouver, B.C.       |
| 138737 | B. C. T. No. 4          | New Westminster | Stow—Chd.     | 1912 | New Westminster, B.C.      | 78 4  | 30 0 | 7 2   | British Columbia Transport Co., Ltd., 301 Winch Bldg., Vancouver, B.C.       |
| 138737 | B. C. T. No. 5          | New Westminster | Stow—Chd.     | 1912 | New Westminster, B.C.      | 78 4  | 30 0 | 7 2   | British Columbia Transport Co., Ltd., 301 Winch Bldg., Vancouver, B.C.       |
| 134121 | B. C. T. No. 6          | New Westminster | Barge—Chd.    | 1912 | New Westminster, B.C.      | 79 6  | 29 0 | 7 0   | B. C. Transport Co., Ltd., London, G.B.                                      |
| 111607 | B. S. M. No. 7          | New Westminster | Barge—Chd.    | 1892 | New Westminster, B.C.      | 64 0  | 6 0  | 64    | The Brunette Sawmill Co., Ltd., New Westminster, B.C.                        |
| 100547 | B. and C.               | Digby           | Sloop         | 1893 | Deer Island, N.B.          | 40 0  | 15 0 | 14    | Charles M. Sullivan, Freeport, N.S.  |
| 138584 | B. & M. No. 1           | St. John, N.B.  | Stow—Chd.     | 1917 | Public Landings, N.B.      | 65 4  | 5 3  | 61    | John Brown, Public Landings, N.B.  |
| 126059 | B. B. Buckhout.         | Owen Sound      | Barge—Chd.    | 1873 | East Saguaw, Mich., U.S.A. | 122 0 | 23 8 | 34    | Rixon Ainslie Stoddart Co., Ltd., Owen Sound, Ont.                           |
| 137965 | B. L. Peainington       | Montreal        | Sloop         | 1879 | S.A.                       | 239 8 | 38 3 | 1 168 | Canada Steamship Lines, Ltd., Montreal, Que.                                 |
| 111625 | B. R. Tower             | Parrsboro       | Schr—Glt      | 1897 | Diligent River, N.S.       | 140 0 | 33 0 | 36    | Jos. N. Pugsley, et al., Parrsboro, N.S.                                     |
| 103558 | B. & B. Holland         | Halifax         | Schr—Glt      | 1920 | Duncan's Cove, N.S.        | 52 8  | 14 4 | 25    | James Dunne, North Sydney, N.S.  |
| 83066  | B. Donaldson            | Ottawa          | Barge—Chd     | 1881 | Hull, Que.                 | 111 2 | 22 5 | 7 8   | John O'Toole, Ottawa, Ont.   |
| 41584  | B. Huber                | Montreal        | Barge—Chd     | 1887 | Tonawanda, N.Y., U.S.A.    | 96 2  | 17 9 | 105   | Robt. J. Lough, St. Hilaire, Que.  |
| 139459 | B. Jax.                 | Vancouver       | Barge—Chd.    | 1911 | New Westminster, B.C.      | 95 0  | 32 0 | 9 0   | Gulf of Georgia Towing Co., Ltd. (1920), 1199 Sixth Ave. W., Vancouver, B.C. |
| 126471 | Babette                 | Halifax         | Sloop         | 1909 | Halifax, N.S.              | 31 0  | 8 4  | 4 0   | Francis Hugh Bell, Halifax, N.S.   |
| 116760 | Baltic                  | Toronto         | Barge—Chd     | 1856 | Philadelphia, Pa., U.S.A.  | 136 0 | 22 0 | 9 0   | John Galat and E. W. Dieter, J.O., Parry Sound, Ont.                         |
| 85316  | ‡Baramba                | Vancouver       | Barge—Chd     | 1882 | Victoria, B.C.             | 177 0 | 33 6 | 8 5   | Kingsley Navigation Co., Ltd., 313 Pacific Bldg., Vancouver, B.C.            |
| 72069  | Barbara Fritchie.       | Archat.         | Schr—Glt      | 1866 | Kennebunk, Me., U.S.A.     | 72 6  | 20 4 | 7 3   | Jas. Byrne, St. Lawrence, Nfld.  |
| 441261 | Barbara W.              | Parrsboro       | Schr—Glt      | 1919 | Port Greenville, N.S.      | 127 0 | 31 5 | 11 7  | Herbert W. Elderkin, et al., Port Greenville, N.S.                           |
| 467267 | Barge No. 1             | Ottawa          | Barge—Chd     | 1898 | Hull, Que.                 | 50 4  | 31 9 | 4 9   | H. F. Cumming and J. B. McMillan, J.O., Cornwall, Ont.                       |
| 467268 | Barge No. 2             | Ottawa          | Barge—Chd     | 1898 | Hull, Que.                 | 81 0  | 28 0 | 5 0   | Wm. Lawlor, Hawkesbury, Ont.   |
| 467269 | Barge No. 3             | Ottawa          | Barge—Chd     | 1898 | Hull, Que.                 | 81 0  | 29 1 | 5 0   | Wm. Lawlor, Hawkesbury, Ont.   |
| 467270 | Barge No. 4             | Ottawa          | Barge—Chd     | 1898 | Hull, Que.                 | 81 0  | 20 1 | 5 0   | Contractor's Supply Co., Ltd., Ottawa, Ont.                                  |
| 98591  | Baroda.                 | Vancouver       | Barge—Chd.    | 1891 | Dumbarton, G.B.            | 237 5 | 36 2 | 21 5  | Coastwise Steamship & Barge Co., Ltd., 813 Birks Bldg., Vancouver, B.C.      |
| 130426 | Barracouta              | St. Andrews     | Sloop         | 1887 | U.S.A.                     | 32 2  | 10 5 | 4 3   | William Hope, Montreal, Que.   |
| 94621  | Barrington              | Ottawa          | Li—Ship.      | 1887 | Shelburne, N.S.            | 75 0  | 22 4 | 9 8   | The Minister of Marine and Fisheries, Ottawa, Ont.                           |
| 126711 | ‡Beacon Bar             | St. John, N.B.  | Dredge—Drague | 1898 | U.S.A.                     | 77 6  | 30 3 | 6 0   | Thomas Bell, St. John, N.B.  |
| 122185 | Beatrice                | Archat.         | Schr—Glt      | 1898 | Queensport, N.S.           | 38 0  | 10 2 | 6 1   | Geo. Hindsbee, Half Island Cove, N.S.  |
| 97075  | Beatrice                | Charlottetown   | Schr—Glt      | 1893 | Souris, P.E.I.             | 32 8  | 11 1 | 5 3   | James Taylor, New Glasgow, N.S.  |
| 117185 | Beatrice                | Charlottetown   | Schr—Glt      | 1905 | Elm Tree, N.B.             | 65 0  | 19 0 | 7 5   | Camille Delaney, House Harbour, Magdalen Islands, Que.                       |
| 85348  | Beatrice                | Chatham, N.B.   | Schr—Glt      | 1883 | Lanenburg, N.S.            | 74 4  | 25 6 | 8 4   | Alfred Manely, Halifax, N.S.   |
| 116672 | Beatrice                | St. Andrews     | Sloop         | 1897 | West Isles, N.B.           | 36 6  | 13 8 | 6 0   | Henry Benson, Grand Manan, N.B.  |
| 138789 | Beatrice No. 3          | Victoria        | Barge—Chd     | 1912 | Victoria, B.C.             | 75 3  | 26 2 | 6 6   | The Rat Portage Lumber Co., Ltd., St. Boniface, Man.                         |
| 138790 | Beatrice No. 4          | Victoria        | Barge—Chd     | 1912 | Victoria, B.C.             | 75 3  | 26 2 | 6 6   | The Rat Portage Lumber Co., Ltd., St. Boniface, Man.                         |
| 126028 | Beatrice Domovian.      | Sydney, N.S.    | Schr—Glt      | 1909 | Insonish, N.S.             | 39 0  | 12 5 | 6 2   | Robt. Jones & Whitman, Ltd., Halifax, N.S.                                   |
| 444477 | Beatrice Robert         | Montreal        | Barge—Chd     | 1903 | Whitehall, N.Y., U.S.A.    | 96 1  | 17 7 | 7 5   | Richelex Transportation Co., Limited, 137 McGill St., Montreal, Que.         |
| 100056 | Beaver                  | Charlottetown   | Schr—Glt      | 1890 | Perry's Point, N.B.        | 117 8 | 28 0 | 9 2   | Wm. Trenholm, Louisburg, N.S.  |
| 112160 | Beaver H.               | Chatham, N.B.   | Schr—Glt      | 1903 | Shabouquet, N.S.           | 38 0  | 21 8 | 6 0   | A. & R. Loggie Co., Ltd., Loggieville, N.B.                                  |
| 100983 | Bee                     | Chatham, N.B.   | Schr—Glt      | 1888 | Charquet, N.B.             | 35 6  | 12 0 | 5 0   | C. Robin Collas & Co., Ltd., Halifax, N.S.                                   |
| 116630 | Bella Rose              | Charlottetown   | Schr—Glt      | 1905 | Bayfield, P.E.I.           | 41 6  | 13 6 | 5 8   | Milton E. Dingwall, Bay Fortune, P.E.I.                                      |
| 69717  | ‡Bellia                 | Quebec          | Bk—Bq         | 1875 | White Haven, G.B.          | 203 4 | 32 4 | 19 6  | The Governor General of Canada, Ottawa, Ont.                                 |

<sup>1</sup>Formerly "Russell Sage." <sup>2</sup>Formerly R. P. Ritchie and a steamer. <sup>3</sup>Foreign name "Saugus." <sup>4</sup>Formerly "Routenbeck."

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless—Muni de la T.S.F.—Abbréviations—Abbreviations: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel | Name of Ship<br>Nom du navire | Port of Registry<br>Port d'enregistrement | Rig.<br>Gréement | Build.<br>Construction | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10 <sup>es</sup> . | Breadth in feet and 10ths.<br>Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths.<br>Profondeur en pieds et 10 <sup>es</sup> . | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|------------------------------------|-------------------------------|---|------------------|------------------------|---------------------------------------|--|--|---|--|---|
| 134239                             | Ben B.                        | Montreal.                                 | Scow—Chd.        | 1913                   | Montreal, Que.                        | 71 2   | 22 1   | 4 3   | 156  | Quinlan & Robertson, Ltd., 260 St. James St., Montreal, Que.                          |
| 109072                             | Ben Hur.                      | Chatham, N.B.                             | Schr—Glt.        | 1892                   | Tracadie, N.B.                        | 31 0   | 12 2   | 5 2   | 41   | Adolf Leclere and John LeClere, Caraquet, N.B.  |
| 117192                             | Ben Lomond.                   | Kenora.                                   | Barge—Chd.       | 1897                   | Kenawin, Ont.                         | 50 0   | 20 5   | 4 4   | 45   | H. J. Davis, Kenora, Ont.   |
| 130468                             | Benjamin C. Smith.            | Lanenburg.                                | Schr—Glt.        | 1911                   | La Have, N.S.                         | 105 8  | 26 6   | 10 2  | 100  | Benjamin Smith, M.O., Lanenburg, N.S.   |
| 134368                             | Benjamin Harrison.            | Sorel.                                    | Barge—Chd.       | 1889                   | Mount Clements, Mich., U.S.A.         | 172 6  | 32 4   | 12 1  | 508  | Joseph Guertin, St. Joseph de Sorel, Que.   |
| 137926                             | Benoit.                       | Chatham, N.B.                             | Schr—Glt.        | 1915                   | Little Lameck, N.B.                   | 31 0   | 11 0   | 5 6   | 41   | C. Duguay, Little Lameck, N.B.  |
| 88330                              | Bernadette.                   | Quebec.                                   | Schr—Glt.        | 1883                   | Baso St. Paul, Que.                   | 43 8   | 16 5   | 6 5   | 28   | Mrs. Lucy Bolly, Baso St. Paul, Que.  |
| 107237                             | Bernadette.                   | Quebec.                                   | Sloop.           | 1898                   | Isle aux Grues, Que.                  | 35 0   | 13 8   | 4 4   | 13   | Jos. LaChance, Isle aux Grues, Que.   |
| 122102                             | Bernice.                      | Yarmouth.                                 | Sloop.           | 1905                   | Shelburne, N.S.                       | 30 0   | 11 0   | 6 0   | 10   | John C. Nickerson, M.O., Woods Harbour, N.S.  |
| 141133                             | Bernice R.                    | La Have.                                  | Schr—Glt.        | 1918                   | Salmon Rivers, N.S.                   | 131 0  | 30 5   | 11 6  | 324  | Milledge J. Parks, M.O., La Have, N.S.  |
| 138556                             | Bernice Zepk.                 | Lanenburg.                                | Schr—Glt.        | 1917                   | Lanenburg, N.S.                       | 112 8  | 26 3   | 10 3  | 100  | Henry W. Adams, M.O., Lanenburg, N.S.   |
| 141609                             | Berquist No. 1.               | Victoria.                                 | Scow—Chd.        | 1911                   | Badier, B.C.                          | 81 2   | 27 9   | 6 5   | 116  | Albert Berquist, Victoria, B.C.   |
| 122153                             | Bertha A.                     | Yarmouth.                                 | Scow—Chd.        | 1920                   | Victoria, B.C.                        | 86 0   | 26 2   | 7 3   | 135  | Albert Berquist, Victoria, B.C.   |
| 141614                             | Bertha L.                     | Yarmouth.                                 | Sloop.           | 1917                   | Clyde, N.S.                           | 31 0   | 11 0   | 6 0   | 12   | LeRoy Selig, Port Medway, N.S.  |
| 141058                             | Bertha L. Walters.            | Lanenburg.                                | Schr—Glt.        | 1919                   | Bridgewater, N.S.                     | 115 2  | 27 3   | 10 6  | 97   | Edward Walters, M.O., LaHave, N.S.  |
| 121257                             | Bertha M.                     | Halifax.                                  | Schr—Glt.        | 1906                   | Chester, N.S.                         | 45 0   | 12 4   | 5 4   | 14   | J. Foster Hood, Halifax, N.S.   |
| 100437                             | Bertha M.                     | Moncton.                                  | Schr—Glt.        | 1910                   | Schenogue, N.B.                       | 43 0   | 13 3   | 4 1   | 13   | Robert Wells, Anderson, N.B.  |
| 141362                             | Bertha M. Bullis.             | Montreal.                                 | Barge—Chd.       | 1891                   | Putnam, N.Y., U.S.A.                  | 96 0   | 17 9   | 7 3   | 114  | Log Supply Co., Ltd., 137 McGill St., Montreal, Que.                                  |
| 126127                             | Bertio Calkins.               | Kingston.                                 | Schr—Glt.        | 1874                   | Two Rivers, Wis., U.S.A.              | 134 4  | 24 2   | 8 2   | 227  | R. G. K. Hepburn and Thos. J. Vandusen, Pieton, Ont.                                  |
| 100545                             | Bessie.                       | Dieppe.                                   | Schr—Glt.        | 1896                   | Plympton, N.S.                        | 78 8   | 27 0   | 9 3   | 88   | Wm. M. Warner, Plympton, N.S.   |
| 130679                             | Bessie A. P.                  | Lanenburg.                                | Schr—Glt.        | 1910                   | Blandford, N.S.                       | 40 4   | 10 5   | 5 3   | 11   | John O. Duggan, Upper Prospect, N.S.  |
| 96931                              | Bessie S. Keefer.             | Charlottetown.                            | Schr—Glt.        | 1890                   | Murray Harbour, P.E.I.                | 68 5   | 23 2   | 8 5   | 79   | Chas. F. and Matthew Gallagher, J.O., Bath, N.B.                                      |
| 96725                              | Bessie T.                     | Chatham, N.B.                             | Schr—Glt.        | 1889                   | Tracadie, N.B.                        | 31 6   | 12 3   | 4 5   | 10   | Donald Legate, Church Point, N.B.   |
| 111559                             | Betta.                        | St. Andrews.                              | Sloop.           | 1896                   | West Isles, N.B.                      | 37 0   | 12 4   | 5 5   | 15   | F. S. McLaughlin, Grand Manan, N.B.   |
| 73985                              | Bethlehem.                    | Quebec.                                   | Barge—Chd.       | 1874                   | St. Jean Deschailhons, Que.           | 197 4  | 25 3   | 7 6   | 129  | Arsène Massotie, Deschailhons, Que.   |
| 85730                              | Bulah.                        | Cuyaborough.                              | Schr—Glt.        | 1904                   | Leclereville, Que.                    | 81 3   | 22 6   | 9 2   | 97   | Jas. H. Walker, Walkerville, N.S.   |
| 134132                             | Bic.                          | Quebec.                                   | Yawl—Yole.       | 1883                   | Summerside, N.S.                      | 70 7   | 23 8   | 6 6   | 61   | E. C. Gagnon, Sault au Monton, Que. and J. A. Rouleau<br>Tridoux, Que., J.O.          |
| 121971                             | Big Salmon.                   | Victoria.                                 | Barge—Chd.       | 1906                   | White Horse, Y.T.                     | 106 4  | 34 5   | 5 7   | 161  | The British Yukon Navigation Co., Ltd., Vancouver, B.C.                               |
| 83210                              | Bilow.                        | St. Andrews.                              | Schr—Glt.        | 1892                   | Corwallis, N.S.                       | 62 0   | 18 8   | 8 0   | 54   | Hugh McKay, St. Stephen, N.B.   |
| 134482                             | Biodieu, L.                   | Montreal.                                 | Scow—Chd.        | 1881                   | Charlottetown, P.E.I.                 | 81 7   | 23 5   | 5 1   | 135  | Quinlan & Robertson, Ltd., Montreal, Que.   |
| 103899                             | Bismarek.                     | New Westminster.                          | Schr—Glt.        | 1897                   | New Westminster, B.C.                 | 34 0   | 11 5   | 4 4   | 12   | M. Kubatetzki, Nanaimo, B.C.  |



| No.    | Name                | Type          | Tonnage | Home Port                    | Agent   |
|--------|---------------------|---------------|---------|------------------------------|---|
| 111734 | Blake               | Schr—Glt.     | 81      | Charlottetown, N.S.          | E. J. Young, North Sydney, N.S.   |
| 116474 | Blanchard           | Schr—Glt.     | 34      | Charlottetown, N.S.          | Michael John, Caraquez, N.B.  |
| 112016 | Blanche             | Schr—Glt.     | 35      | Canso, N.S.                  | Simon Williams, Canso, N.S.   |
| 121806 | Blanche             | Sloop         | 31      | Clyde, N.S.                  | J. E. Nickerson, Woods Harbour, N.S.  |
| 57122  | Blanche Alma        | Schr—Glt.     | 83      | Ste. Anne, Que.              | Joseph Simard, M.O., Ste. Anne des Monts, Que.                                    |
| 88451  | Blanche M. Thorsbom | Schr—Glt.     | 89      | Charlottetown, N.S.          | Chas. Lyons, Charlottetown, P.E.I.  |
| 103589 | Blenheim            | Schr—Glt.     | 37      | Charlottetown, N.S.          | Robin, Jones & Whitman, Ltd., Halifax, N.S.                                       |
| 107073 | Blenheim            | Sloop         | 23      | St. John, N.B.               | George E. Holder, St. John, N.B.  |
| 122573 | Bolensia            | Sloop         | 31      | Tusket Wedge, N.S.           | T. M. Dakin and M. Quart, Grand Manan, N.B.                                       |
| 130657 | Bollina             | Schr—Glt.     | 38      | Charlottetown, N.S.          | Robin, Jones & Whitman, Ltd., Halifax, N.S.                                       |
| 94782  | Bona Fides          | Schr—Glt.     | 76      | Charlottetown, N.S.          | Geo. H. Toombs, Charlottetown, P.E.I.   |
| 141264 | Bona H.             | Schr—Glt.     | 147     | Halls Harbour, N.S.          | H. W. Elderkin, et al., Port Greville, N.S.                                       |
| 122550 | Bonita              | Sloop         | 30      | West Isles, N.B.             | John and Benjamin Carter, Seeleys Cove, N.B.                                      |
| 126106 | Bonnie B.           | Schr—Glt.     | 48      | Tanook, N.S.                 | Alonzo D. Feltmate, Canso, N.S.   |
| 115503 | Bonnie Jean         | Sloop         | 37      | St. John, N.B.               | Frank Ingersoll, Grand Manan, N.B.  |
| 94647  | Bonum               | Schr—Glt.     | 75      | Charlottetown, N.S.          | Charles J. Stright and Edward Boswell, Victoria, P.E.I.                           |
| 103802 | Bonum               | Sloop         | 23      | Dartmouth, N.S.              | H. V. Kent, Halifax, N.S.   |
| 137191 | Bovet               | Schr—Glt.     | 55      | La Have, N.S.                | Ida Poirer, West Ariflat, N.S.  |
| 103746 | Bovet               | Schr—Glt.     | 33      | Mazonette, N.B.              | Romain Michèle Godin, Mazonette, N.B.   |
| 103497 | Bravo               | Schr—Glt.     | 29      | Lunenburg, N.S.              | George A. Cruickshanks, et al., Sydney, N.S.                                      |
| 132627 | Brewer Brothers     | Schr—Glt.     | 97      | Lunenburg, N.S.              | Delphis and Joseph Bois, Malbaie, Que.  |
| 138406 | Brighton            | Schr—Glt.     | 68      | Godmin, Que.                 | James G. Brewer, Ingonish, N.S.   |
| 138354 | Brighton            | Schr—Glt.     | 44      | Ingonish, N.S.               | 23 Canada Steamship Lines, Ltd., 9 Victoria Sq., Montreal, Que.                   |
| 78888  | Bristol             | Schr—Glt.     | 179     | Kingston, Ont.               | 607 Gypsum Packet Co., Ltd., Windsor, N.S.  |
| 103780 | Britannia           | Bk—Bg         | 96      | Hantsport, N.S.              | 13 Robin Jones & Whitman, Ltd., Halifax, N.S.                                     |
| 103780 | Britannia           | Schr—Glt.     | 37      | Charlottetown, N.S.          | G. B. Cossaboom and David Sproule, Digby, N.S.                                    |
| 122520 | Britannia           | Sloop         | 40      | Grand Manan, N.B.            | Roland A. Bindley & Wm. E. Blossom, Vancouver, B.C.                               |
| 103780 | Britannia           | Sloop         | 34      | Nanaimo, B.C.                | W. S. Loggie Co., Ltd., Chatham, N.B.   |
| 103780 | Britannia           | Schr—Glt.     | 37      | Charlottetown, N.S.          | Charles Kain, St. John, N.B.  |
| 92643  | British Queen       | Schr—Glt.     | 27      | St. John, N.B.               | Charles E. Britton, Gananoque, Ont.   |
| 107079 | British Queen       | Schr—Glt.     | 106     | South Marysburg, Ont.        | John McAr, Bristol, Que.  |
| 92643  | Britton (The)       | Horse ferry   | 54      | Arnprior, Ont.               | 14 John McAr, Bristol, Que.   |
| 107874 | Brittania           | Schr—Glt.     | 22      | Green Harbour, N.S.          | 11 Ross Enslow, Green Harbour, N.S.   |
| 103186 | Brittania           | Schr—Glt.     | 35      | Green Harbour, N.S.          | Canada Steamship Lines, Ltd., 9 Victoria Sq., Montreal, Que.                      |
| 137968 | Brookdale           | Sloop         | 23      | West Bay City, Mich., U.S.A. | 27 C. E. Whidden, Antigonish, N.S.  |
| 111697 | Brooklyn            | Schr—Glt.     | 116     | Brooklyn, N.S.               | 21 Walter Webber, Cham Bay, N.S.  |
| 133662 | Brookside W.        | Schr—Glt.     | 35      | Clam Bay, N.S.               | 508 Hugh Dolney and Co., Limited, 211 McGill St., Montreal, Que.                  |
| 126139 | Bruser              | Dredge—Drague | 100     | U.S.A.                       | 308 Hugh Dolney and Co., Limited, 211 McGill St., Montreal, Que.                  |
| 126140 | Bruser No. 1        | Sew—Chd.      | 105     | U.S.A.                       | 103 The Ottawa Transportation Co., Ltd., Ottawa, Ont.                             |
| 107612 | Brunette            | Barge—Chd.    | 108     | Hull, Que.                   | 198 La Cie Générale d'Entreprises Publiques, Lévis, Que.                          |
| 134493 | Brunelles XXXX      | Dredge—Drague | 168     | Leyden, Holland              | 43 Frank Ross, Quebec, Que.   |
| 100922 | Buckingham          | Barge—Chd.    | 74      | 003 Buckingham, Que.         | 35 Chas. Kennedy, St. John, N.B.  |
| 100992 | Bud                 | Schr—Glt.     | 51      | Greenwich, N.B.              | 20 Connors Brothers, Ltd., Black's Harbour, N.B.                                  |
| 80795  | Buda                | Schr—Glt.     | 42      | Meteghan River, N.S.         | 36 Daniel Ryder, Argyle, N.S.   |
| 122258 | Buena               | Schr—Glt.     | 54      | Lunenburg, N.S.              | 883 The Sincennes McNaughton Line Ltd., 75 Common St., Montreal, Que.             |
| 111765 | Burina              | Schr—Glt.     | 153     | Garden Island, Ont.          | 465 Stuart J. Sillor, et al., Parrsboro, N.S.                                     |
| 141623 | Burpee L. Tucker    | Schr—Glt.     | 35      | Port Greville, N.S.          | 10 B. M. LeBlanc, et al., Meteghan, N.S.  |
| 111897 | Burque Brothers     | Sloop         | 33      | Church Point, N.S.           | 350 The Pacific Construction Co., Ltd., 1414 Standard Bank Bldg., Vancouver, B.C. |
| 130258 | Burard No. 2        | Dredge—Drague | 80      | Seattle, Wash., U.S.A.       | 317 Aaron Portnoy, Sault Ste. Marie, Ont.   |
| 134389 | Buster              | Sew—Chd.      | 90      | U.S.A.                       | 57 Albert Berquist, Sidney, B.C.  |
| 123384 | Bute No. 1          | Barge—Chd.    | 66      | Vancouver, B.C.              | 179 S. Don, Victoria, B.C.  |
| 134023 | Bute No. 8          | Barge—Chd.    | 80      | Vancouver, B.C.              |   |

\*Formerly "S. & J. Collier".

\*Formerly "Oayx".

\*Formerly "Moravia".

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

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| Official Number<br>Numéro officiel. | Name of Ship<br>Nom du navire. | Port of Registry<br>Port d'enregistrement. | Rig.<br>Grèement. | Built<br>Construit en | Where Built<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|--------------------------------|--|-------------------|-----------------------|--------------------------------------|---|---|--|--|---|
| 150557                              | C. B. No. 2                    | Vancouver                                  | Scow—Chd          | 1903                  | Vancouver, B.C.                      | 70 0  | 23 0  | 6 1  | 80   | Chas. Benson, Vancouver, B.C.   |
| 150257                              | C. B. No. 3                    | Vancouver                                  | Scow—Chd          |                       |                                      | 81 5  | 26 0  | 6 9  | 123  | Chas. Benson, Vancouver, B.C.   |
| 133724                              | C. F. Co. 1                    | Vancouver                                  | Scow—Chd          | 1912                  | Vancouver, B.C.                      | 72 3  | 24 1  | 5 2  | 86   | The Canadian Fishing Co., Ltd., Vancouver, B.C.                                       |
| 133725                              | C. F. Co. 2                    | Vancouver                                  | Scow—Chd          | 1912                  | Vancouver, B.C.                      | 72 3  | 23 9  | 5 2  | 87   | The Canadian Fishing Co., Ltd., Vancouver, B.C.                                       |
| 126386                              | C. J. B.                       | Quebec                                     | Schr—Glt.         | 1909                  | Escomains, Que.                      | 67 5  | 21 0  | 5 2  | 51   | Charles Garand, Grand Médecin, Orford, Que.   |
| 141185                              | C. L. 5.                       | New Westminster                            | Scow—Chd          | 1918                  | Steveston, B.C.                      | 47 4  | 15 8  | 3 7  | 22   | C. L. Packard Co., Limited, 267 Hastings St. W., Vancouver, B.C.                      |
| 141186                              | C. L. 7.                       | New Westminster                            | Scow—Chd          | 1918                  | Steveston, B.C.                      | 59 0  | 19 8  | 3 8  | 36   | Gosse-Millard Packing Co., Ltd., 597 Hastings St. W., Vancouver, B.C.                 |
| 134286                              | C.L.C. No. 1                   | Victoria                                   | Barge—Chd         | 1913                  | Victoria, B.C.                       | 67 0  | 26 0  | 5 5  | 79   | Cameron Lumber Co., Ltd., Victoria, B.C.  |
| 134287                              | C.L.C. No. 2                   | Victoria                                   | Barge—Chd         | 1913                  | Victoria, B.C.                       | 75 0  | 25 0  | 6 5  | 113  | Cameron Lumber Co., Ltd., Victoria, B.C.  |
| 83370                               | M.M.G.P.                       | Quebec                                     | Schr—Glt.         | 1882                  | Esquimaux Point, Que.                | 18 5  | 7 9   | 7 9  | 46   | Joseph Boudault, Ass. St. Jean, Que.  |
| 111651                              | C.P.R. No. 1                   | Montreal                                   | Barge—Chd         | 1926                  | St. François du Lac, Que.            | 105 6   | 23 6  | 8 6  | 116  | Joseph Verreille, St. François du Lac, Que.   |
| 150272                              | C.P.R. Barge No. 9             | Vancouver                                  | Barge—Chd         | 1926                  | Okanagan Landing, B.C.               | 186 2   | 30 0  | 7 0  | 396  | Canadian Pacific Railway Co., Montreal, Que.  |
| 126257                              | C.P.R. No. 1                   | Victoria                                   | Barge—Chd         | 1909                  | Vancouver, B.C.                      | 120 0   | 30 0  | 8 5  | 252  | Canadian Pacific Railway Co., Montreal, Que.  |
| 126235                              | C.P.R. No. 2                   | Victoria                                   | Barge—Chd         | 1908                  | Vancouver, B.C.                      | 105 5   | 30 0  | 8 5  | 231  | Canadian Pacific Railway Co., Montreal, Que.  |
| 141151                              | C.P.R. No. 6                   | Victoria                                   | Barge—Chd         | 1919                  | Nelson, B.C.                         | 225 5   | 42 0  | 8 0  | 652  | Canadian Pacific Railway Co., Montreal, Que.  |
| 143438                              | C.P.R. No. 100                 | Montreal                                   | Barge—Chd         | 1868                  | Farmingtondale, Me., U.S.A.          | 197 0   | 37 8  | 24 8   | 1,273                                      | Canadian Pacific Railway Co., Montreal, Que.  |
| 114465                              | C.R.C.                         | Chartham, N.B.                             | Schr—Glt.         | 1901                  | Carriquet, N.B.                      | 37 6  | 12 8  | 5 2  | 13   | Robin, Jones & Whitman, Ltd., Halifax, N.S.   |
| 130977                              | C.S. B. D. and C. Co's No. 8.  | Collingwood                                | Scow—Chd          | 1914                  | Collingwood, Ont.                    | 80 0  | 30 0  | 10 7   | 359  | The C. S. Boone Dredging & Construction Co., Ltd., Toronto, Ont.                      |
| 141518                              | C.S.T.                         | Vancouver                                  | Scow—Chd          | 1912                  | Vancouver, B.C.                      | 130 1   | 30 0  | 6 5  | 133  | Brooks Bidlake Cedar Co., Ltd., 525 Seymour St., Vancouver, B.C.                      |
| 134158                              | C.S. & G. No. 1                | Montreal                                   | Scow—Chd          | 1912                  | Beauharnois, Que.                    | 145 5   | 28 5  | 6 8  | 284  | Canadian Sand & Gravel Co., Ltd., 55 St. Francis Xavier St., Montreal, Que.           |
| 134159                              | C.S. & G. No. 2                | Montreal                                   | Scow—Chd          | 1912                  | Beauharnois, Que.                    | 141 1   | 28 8  | 6 9  | 228  | Canadian Sand & Gravel Co., Ltd., 55 St. Francis Xavier St., Montreal, Que.           |
| 134160                              | C.S. & G. No. 3                | Montreal                                   | Scow—Chd          | 1912                  | Beauharnois, Que.                    | 142 3   | 28 2  | 7 0  | 223  | Canadian Sand & Gravel Co., Ltd., 55 St. Francis Xavier St., Montreal, Que.           |
| 134223                              | C.S. & G. No. 6                | Montreal                                   | Scow—Chd          | 1912                  | Beauharnois, Que.                    | 98 7  | 34 3  | 6 5  | 185  | Canadian Sand & Gravel Co., Ltd., 55 St. Francis Xavier St., Montreal, Que.           |
| 138582                              | C.T.W. No. 1                   | St. John, N.B.                             | Scow—Chd          | 1911                  | Port Greville, N.S.                  | 64 6  | 21 2  | 5 5  | 62   | Charles T. White & Son, Limited, Apple River, N.S.                                    |
| 138535                              | C.T.W. No. 2                   | St. John, N.B.                             | Scow—Chd          | 1911                  | Port Greville, N.S.                  | 64 6  | 21 2  | 5 5  | 62   | Charles T. White & Son, Limited, Apple River, N.S.                                    |
| 138336                              | C.T.W. No. 3                   | St. John, N.B.                             | Scow—Chd          | 1912                  | Port Greville, N.S.                  | 61 3  | 24 9  | 5 8  | 73   | Charles T. White & Son, Limited, Apple River, N.S.                                    |

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| C.T.W. No. | St. John, N.B. | Port Greville, N.S.   | 61  | 5 | 24 | 2 | 6  | 3 | 79     | Charles T. White & Son, Limited, Apple River, N.S.                              |
|------------|----------------|-----------------------|-----|---|----|---|----|---|--------|---|
| 138337     | St. John, N.B. | Port Greville, N.S.   | 61  | 5 | 24 | 2 | 6  | 3 | 79     | Charles T. White & Son, Limited, Apple River, N.S.                              |
| 138338     | St. John, N.B. | Port Greville, N.S.   | 65  | 0 | 21 | 3 | 6  | 5 | 84     | Charles T. White & Son, Limited, Apple River, N.S.                              |
| 138339     | St. John, N.B. | Port Greville, N.S.   | 65  | 0 | 21 | 3 | 6  | 5 | 90     | Charles T. White & Son, Limited, Apple River, N.S.                              |
| 138340     | St. John, N.B. | Port Greville, N.S.   | 62  | 6 | 25 | 2 | 6  | 4 | 77     | Charles T. White & Son, Limited, Apple River, N.S.                              |
| 138341     | St. John, N.B. | Port Greville, N.S.   | 62  | 6 | 25 | 2 | 6  | 4 | 57     | Charles T. White & Son, Limited, Apple River, N.S.                              |
| 138342     | St. John, N.B. | Port Greville, N.S.   | 63  | 4 | 25 | 0 | 6  | 4 | 82     | Charles T. White & Son, Limited, Apple River, N.S.                              |
| 138343     | St. John, N.B. | Port Greville, N.S.   | 62  | 6 | 25 | 0 | 6  | 4 | 92     | Charles T. White & Son, Limited, Apple River, N.S.                              |
| 138344     | St. John, N.B. | Port Greville, N.S.   | 62  | 6 | 25 | 0 | 6  | 4 | 83     | Charles T. White & Son, Limited, Apple River, N.S.                              |
| 138345     | St. John, N.B. | Port Greville, N.S.   | 82  | 9 | 28 | 0 | 6  | 8 | 126    | The Corporation of the City of Vancouver, B.C.                                  |
| 138346     | Vancouver      | North Vancouver, B.C. | 83  | 9 | 28 | 0 | 6  | 5 | 131    | The Corporation of the City of Vancouver, B.C.                                  |
| 138347     | Vancouver      | North Vancouver, B.C. | 83  | 9 | 28 | 0 | 6  | 5 | 132    | The Corporation of the City of Vancouver, B.C.                                  |
| 138348     | Vancouver      | North Vancouver, B.C. | 79  | 0 | 29 | 9 | 6  | 0 | 122    | Champion & White, Ltd., 1083 Main St., Vancouver, B.C.                          |
| 138349     | Vancouver      | North Vancouver, B.C. | 72  | 0 | 28 | 6 | 6  | 0 | 185    | Champion & White, Ltd., 1083 Main St., Vancouver, B.C.                          |
| 138350     | Vancouver      | North Vancouver, B.C. | 69  | 2 | 29 | 1 | 7  | 5 | 134    | Champion & White, Ltd., 1083 Main St., Vancouver, B.C.                          |
| 138351     | Vancouver      | North Vancouver, B.C. | 69  | 2 | 29 | 1 | 7  | 5 | 178    | Champion & White, Ltd., 1083 Main St., Vancouver, B.C.                          |
| 138352     | Vancouver      | North Vancouver, B.C. | 39  | 4 | 23 | 2 | 5  | 2 | 11     | J. C. MacDonald, Port Malcolm, N.S.   |
| 138353     | Vancouver      | North Vancouver, B.C. | 108 | 5 | 20 | 6 | 8  | 0 | 146    | Charles R. Walters, Middle LaHave, N.S.   |
| 138354     | Vancouver      | North Vancouver, B.C. | 38  | 7 | 11 | 4 | 6  | 1 | 14     | The Ottawa Transportation Co. Ltd., Ottawa, Ont.                                |
| 138355     | Vancouver      | North Vancouver, B.C. | 139 | 5 | 20 | 4 | 10 | 4 | 14     | Keenan Richard, Charles' Cove, N.S.   |
| 138356     | Vancouver      | North Vancouver, B.C. | 165 | 3 | 26 | 0 | 29 | 5 | 373    | W. J. Sallust, Smith, Gibraltar.  |
| 138357     | Vancouver      | North Vancouver, B.C. | 105 | 6 | 22 | 9 | 6  | 8 | 825    | Willard and Theodore Robidoux, J.O., Yarmouk, Que.                              |
| 138358     | Vancouver      | North Vancouver, B.C. | 143 | 5 | 33 | 2 | 12 | 4 | 397    | Little Brook Shipbuilders Co. Limited, Little Brook, N.S.                       |
| 138359     | Vancouver      | North Vancouver, B.C. | 34  | 4 | 11 | 4 | 5  | 6 | 12     | Mrs. Bridget Peppers, South Bay, N.S.   |
| 138360     | Vancouver      | North Vancouver, B.C. | 38  | 0 | 13 | 3 | 5  | 5 | 16     | Patriek J. Chassan, Caraquez, N.B.  |
| 138361     | Vancouver      | North Vancouver, B.C. | 82  | 8 | 32 | 1 | 7  | 5 | 336    | Charles L. Rood, New Glasgow, N.S.  |
| 138362     | Vancouver      | North Vancouver, B.C. | 101 | 5 | 28 | 6 | 9  | 3 | 251    | Charles L. Rood, New Glasgow, N.S.  |
| 138363     | Vancouver      | North Vancouver, B.C. | 105 | 0 | 28 | 6 | 9  | 3 | 252    | Charles L. Rood, New Glasgow, N.S.  |
| 138364     | Vancouver      | North Vancouver, B.C. | 104 | 5 | 28 | 6 | 9  | 3 | 252    | Charles L. Rood, New Glasgow, N.S.  |
| 138365     | Vancouver      | North Vancouver, B.C. | 34  | 3 | 13 | 0 | 4  | 6 | 10     | Montreal Dry Docks & Ship Repairing Co., Ltd., 14-16 Jurons St., Montreal, Que. |
| 138366     | Vancouver      | North Vancouver, B.C. | 61  | 9 | 21 | 8 | 8  | 3 | 62     | P. Rive, Caraquez, N.B.   |
| 138367     | Vancouver      | North Vancouver, B.C. | 37  | 8 | 11 | 9 | 5  | 0 | 12     | Louis Boivin and Louis Bouchard, J.O., Cap Chat, Que.                           |
| 138368     | Vancouver      | North Vancouver, B.C. | 165 | 7 | 35 | 8 | 13 | 0 | 529    | P. Rive, Caraquez, N.B.   |
| 138369     | Vancouver      | North Vancouver, B.C. | 84  | 5 | 33 | 6 | 9  | 0 | 197    | Shipping Syndicate, Ltd., Halifax, N.S.   |
| 138370     | Vancouver      | North Vancouver, B.C. | 88  | 8 | 34 | 6 | 9  | 2 | 90     | Compagnie Etienne Dussault, Lévis, Que.   |
| 138371     | Vancouver      | North Vancouver, B.C. | 36  | 2 | 11 | 4 | 3  | 0 | 8      | Moses F. Kirkconnell, Cayman Brac, Cayman Islands, B.W.I.                       |
| 138372     | Vancouver      | North Vancouver, B.C. | 257 | 0 | 45 | 0 | 24 | 7 | 1, 889 | Fred S. Heans, et al., St. John, N.B.   |
| 138373     | Vancouver      | North Vancouver, B.C. | 96  | 0 | 18 | 0 | 8  | 9 | 113    | The Gypsum Packet Co., Ltd., Windsor, N.S.                                      |
| 138374     | Vancouver      | North Vancouver, B.C. | 130 | 0 | 28 | 8 | 11 | 8 | 294    | Canada Ice Co., Ltd., Toronto, Ont.   |
| 138375     | Vancouver      | North Vancouver, B.C. | 158 | 0 | 46 | 0 | 11 | 0 | 673    | Charles H. Ritey, M.O., Riverport, N.S.   |
| 138376     | Vancouver      | North Vancouver, B.C. | 158 | 0 | 46 | 0 | 11 | 0 | 673    | Canadian Northern Steamships, Ltd., Toronto, Ont.                               |
| 138377     | Vancouver      | North Vancouver, B.C. | 102 | 3 | 22 | 5 | 8  | 5 | 137    | Canadian Northern Steamships, Ltd., Toronto, Ont.                               |
| 138378     | Vancouver      | North Vancouver, B.C. | 45  | 2 | 16 | 2 | 7  | 0 | 23     | Amadee and John H. Poirier, D'Escoisse, N.S.                                    |
| 138379     | Vancouver      | North Vancouver, B.C. | 96  | 0 | 11 | 6 | 5  | 0 | 14     | Peter J. Florit, Caraquez, N.B.   |
| 138380     | Vancouver      | North Vancouver, B.C. | 34  | 0 | 23 | 6 | 7  | 2 | 98     | André Laroche, St. Jean Deschailions, Que.                                      |
| 138381     | Vancouver      | North Vancouver, B.C. | 144 | 9 | 34 | 1 | 13 | 0 | 408    | Harvey MacAloney, et al., Parrsboro, N.S.                                       |
| 138382     | Vancouver      | North Vancouver, B.C. | 133 | 5 | 34 | 1 | 12 | 8 | 373    | W. Norman Reinhardt, M.O., La Have, N.S.  |
| 138383     | Vancouver      | North Vancouver, B.C. | 137 | 8 | 32 | 2 | 12 | 3 | 363    | W. Norman Reinhardt, et al., La Have, N.S.                                      |
| 138384     | Vancouver      | North Vancouver, B.C. | 130 | 0 | 10 | 0 | 5  | 5 | 19     | Molyneux L. Gordon and V. Norman Smallpiece, Toronto, Ont.                      |
| 138385     | Vancouver      | North Vancouver, B.C. | 38  | 0 | 14 | 0 | 6  | 2 | 13     | Philius Doiron, Caraquez, N.B.  |
| 138386     | Vancouver      | North Vancouver, B.C. | 97  | 8 | 25 | 2 | 10 | 4 | 99     | James C. Skinner, Port Hastings, N.S.   |
| 138387     | Vancouver      | North Vancouver, B.C. | 120 | 0 | 38 | 7 | 5  | 5 | 211    | The British Yukon Navigation Co., Ltd., Vancouver, B.C.                         |
| 138388     | Vancouver      | North Vancouver, B.C. | 35  | 6 | 11 | 8 | 4  | 7 | 152    | John B. Gerrior, West Arichat, N.S.   |

\*Foreign name. †Two Brothers.

ALPHABETICAL List of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless—Muni de la T.S.F.—Abbréviations—J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship<br>Nom du navire. | Port of Registry<br>Port d'enregistrement. | Rig.<br>Girément. | Build.<br>Construit<br>en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|--------------------------------|--|-------------------|---------------------------|---------------------------------------|---|---|--|--|---|
| 131052                              | Carranza.....                  | Lunenburg.....                             | Schr—Glt.         | 1914                      | Shelburne, N.S.                       | 102 0   | 25 0  | 10 0   | 99   | Edmund Walters, M.O., La Have, N.S.   |
| 888109                              | Carrie.....                    | Digby.....                                 | Schr—Glt.         | 1884                      | Clare, N.S.                           | 40 2  | 11 8  | 4 6  | 12   | Thomas Cook, Grand Manan, N.B.  |
| 94698                               | Carrie H.....                  | St. John, N.B.                             | Schr—Glt.         | 1890                      | Port Maitland, N.S.                   | 32 3  | 15 0  | 6 1  | 20   | Norman J. McGrath, Port Verde, N.S.   |
| 126119                              | Carrie L. Hirtle.....          | Lunenburg.....                             | Schr—Glt.         | 1909                      | Lunenburg, N.S.                       | 101 2   | 25 3  | 10 4   | 99   | C. Aubrey Anderson, M.O., Lunenburg, N.S.   |
| 158042                              | Carrie M.C.....                | Port Hawkesbury.....                       | Schr—Glt.         | 1905                      | Port Hastings, N.S.                   | 33 4  | 10 9  | 5 5  | 13   | Leveston Reynolds, Port Hastings, N.S.  |
| 94643                               | Carrie M.C.....                | Lunenburg.....                             | Schr—Glt.         | 1888                      | Malbone Bay, N.S.                     | 55 7  | 18 3  | 7 4  | 39   | James G. Watson, Port Hood, P.E.I.  |
| 100445                              | Cashier.....                   | Charlottetown.....                         | Schr—Glt.         | 1883                      | Country Harbour, N.S.                 | 33 0  | 11 5  | 5 5  | 12   | Geo. and Victoria, Kings, P.E.I.  |
| 138759                              | Cassier.....                   | Halifax.....                               | Schr—Glt.         | 1918                      | Sheet Harbour, N.S.                   | 176 4   | 37 1  | 14 2   | 660  | The Ship Gloucester Co., Ltd., N.S.   |
| 92566                               | Castalomo.....                 | Halifax.....                               | Schr—Glt.         | 1887                      | Sheet Harbour, N.S.                   | 33 8  | 12 6  | 5 2  | 12   | Wm. Jones & Whitman, Ltd., N.S.   |
| 130996                              | Castor.....                    | Chatham, N.B.                              | Schr—Glt.         | 1913                      | Carquet, N.B.                         | 48 0  | 14 8  | 6 9  | 28   | Robt. Jones & Whitman, Ltd., Halifax, N.S.  |
| 103363                              | Caster.....                    | Quebec.....                                | Sloop.            | 1894                      | Millie Vaches, Que.                   | 105 5   | 16 8  | 5 2  | 31   | J. Simons, Millie Vaches, Que.  |
| 72963                               | Catact.....                    | Pictou, Ont.                               | Schr—Glt.         | 1874                      | Pictou, Ont.                          | 105 5   | 24 0  | 10 5   | 193  | Mrs. Margaret McClellans, Pictou, Ont.  |
| 131005                              | Catch Me.....                  | Chatham, N.B.                              | Schr—Glt.         | 1914                      | Carquet, N.B.                         | 43 8  | 14 2  | 6 0  | 17   | Pierre L. Le Bouthillier, Carquet, N.B.   |
| 92519                               | Catherine.....                 | St. Andrews.....                           | Schr—Glt.         | 1885                      | St. George, N.B.                      | 26 0  | 11 4  | 6 0  | 13   | Benjamin McKenzie, St. George, N.B.   |
| 111898                              | Catherine.....                 | Weymouth.....                              | Sloop.            | 1905                      | Belliveau's Cove, N.S.                | 33 0  | 12 6  | 5 4  | 11   | Modi Belliveau, Grosses Coques, N.S.  |
| 96799                               | Catherine A. C.....            | Halifax.....                               | Schr—Glt.         | 1890                      | Dover, N.S.                           | 42 5  | 11 5  | 5 3  | 17   | Désiré Mareland, Port Royal, N.S.   |
| 141402                              | Catherine M. Monton.....       | Lunenburg.....                             | Schr—Glt.         | 1919                      | Conquerall Bank, N.S.                 | 119 2   | 26 0  | 11 4   | 155  | John T. Moulton, et al., Burgeo, Nfld.  |
| 116505                              | Cavalier.....                  | Lunenburg.....                             | Schr—Glt.         | 1904                      | La Have, N.S.                         | 74 2  | 21 8  | 8 5  | 70   | Ed. M. Hollett, Burin, Nfld.  |
| 138058                              | Cavel.....                     | Chatham, N.B.                              | Schr—Glt.         | 1916                      | Lower Carquet, N.B.                   | 45 5  | 14 4  | 6 5  | 22   | W. S. Lezgie, Co. Ltd., Chatham, N.B.   |
| 126570                              | Cecil F.....                   | Sydney, N.S.                               | Schr—Glt.         | 1889                      | St. Pierre, N.B.                      | 65 5  | 20 6  | 7 9  | 62   | Stophen Elander, North Sydney, N.S.   |
| 126586                              | Cecil L. Beek.....             | Lunenburg.....                             | Schr—Glt.         | 1910                      | Lunenburg, N.S.                       | 104 6   | 25 8  | 10 5   | 93   | Stophen Whitley, Belloram, Nfld.  |
| 126919                              | Cecil W.....                   | Halifax.....                               | Schr—Glt.         | 1911                      | West Chizezcook, N.S.                 | 51 2  | 17 0  | 6 3  | 32   | C. P. Young and C.B. Young, Potopovick, N.S.  |
| 96255                               | Cecilia B.....                 | Halifax.....                               | Schr—Glt.         | 1890                      | Vogler's Cove, N.S.                   | 58 0  | 17 6  | 7 4  | 41   | James Poline, M.O., Larrys River, N.S.  |
| 141572                              | Celestine D.....               | Weymouth.....                              | Schr—Glt.         | 1919                      | Meteghan River, N.S.                  | 164 0   | 37 4  | 13 0   | 565  | Hayward S. Barmaby, et al., Bridgewater, N.S.   |
| 107905                              | Cental.....                    | St. Andrews.....                           | Sloop.            | 1869                      | West Isles, N.B.                      | 34 0  | 13 2  | 6 0  | 16   | Loring Wilson, Grand Manan, N.B.  |
| 130944                              | Cento.....                     | Lunenburg.....                             | Schr—Glt.         | 1912                      | La Have, N.S.                         | 83 4  | 23 4  | 9 7  | 107  | Phillip Templeman, Buena Vista, Nfld.   |
| 126302                              | Central City.....              | Montreal.....                              | Dredge—Drague     | 1905                      | Cornwall, Ont.                        | 79 0  | 26 8  | 6 6  | 95   | Lyon Cohen, Montreal, Que.  |
| 103585                              | Cerdrick.....                  | Chatham, N.B.                              | Schr—Glt.         | 1896                      | Carquet, N.B.                         | 36 1  | 12 9  | 5 2  | 14   | Phillip Rice, Carquet, N.B.   |
| 122145                              | Cerita.....                    | Yarmouth.....                              | Sloop.            | 1906                      | Tusket Wedge, N.S.                    | 30 0  | 11 0  | 6 0  | 10   | Laake C. Deveau, Salmon River, N.S.   |
| 130417                              | Chambly.....                   | Montreal.....                              | Barge—Chd.        | 1871                      | Sorel, Que.                           | 154 0   | 24 8  | 7 0  | 218  | Grant Cooper, Toronto, Ont.   |
| .....                               | Champion.....                  | Windsor, Ont.                              | Scow—Chd.         | 1872                      | River Pass, Ont.                      | 66 8  | 18 0  | 5 2  | 50   | Albert Sharon, Belle River, Ont.  |
| 116 52                              | Champion.....                  | Yarmouth.....                              | Schr—Glt.         | 1904                      | Yarmouth, N.S.                        | 47 4  | 15 6  | 7 1  | 29   | Leslie F. Weaver, Port George, N.S.   |
| 126320                              | Championess.....               | Montreal.....                              | Scow—Chd.         | 1902                      | Lachine, Que.                         | 120 7   | 30 8  | 8 3  | 263  | Montreal Sand & Gravel Co., Ltd., Montreal, Que.                                      |

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| 138423 | Chandry            | Paspobiac       | 1916 | Grand River, Que.             | 38 7  | 12 9 | 4 0  | 11  | Robin, Jones & Whitman, Limited, Halifax, N.S.                                     |
|--------|--------------------|-----------------|------|-------------------------------|-------|------|------|-----|--|
| 141506 | Chatham 25         | Quebec          | 1919 | Quebec, Que.                  | 80 2  | 30 4 | 6 6  | 140 | Laachance Limitée, 99 Dalhousie St., Quebec, Que.                                  |
| 141507 | Chatham 25         | Quebec          | 1919 | Quebec, Que.                  | 80 2  | 30 4 | 6 6  | 143 | Franklines, Limitée, 99 Dalhousie St., Quebec, Que.                                |
| 122188 | Charles A. H.      | Archat.         | 1909 | West Archat, N.S.             | 35 0  | 10 5 | 5 0  | 13  | The C. S. Boone Dredging & Construction Co., Ltd., 173 Adelaide St., Toronto, Ont. |
| 130287 | Charles Boone      | St. Catharines  | 1914 | Welland, Ont.                 | 100 0 | 40 0 | 9 7  | 529 | The C. S. Boone Dredging & Construction Co., Ltd., 173 Adelaide St., Toronto, Ont. |
| 121654 | Charles E.         | Yarmouth        | 1904 | Shag Harbour, N.S.            | 35 5  | 12 5 | 6 0  | 13  | Joseph Ward, Yarmouth, N.S.  |
| 126226 | Charles E. Stoddy  | Sarnia          | 1908 | Sarnia, Ont.                  | 80 0  | 24 0 | 5 0  | 61  | The Cleveland-Sarnia Saw Mill Co., Ltd., Sarnia, Ont.                              |
| 88295  | Charles Edouard    | Quebec          | 1884 | Cap St. Ignace, Que.          | 51 6  | 18 5 | 5 0  | 24  | A. Bouliane, Bergeron, Que.  |
| 41455  | Charles F. Corbin  | Halifax         | 1919 | Weymouth, N.S.                | 147 0 | 34 8 | 13 0 | 453 | Richard G. Beazley, M.O., Halifax, N.S.  |
| 94704  | Charles H. Galt    | Digby           | 1869 | Essex, Mass., U.S.A.          | 72 0  | 21 2 | 7 3  | 60  | Chas. Trenholm, Port Elgin, N.B.   |
| 28793  | Charles H. Dunn    | Quebec          | 1889 | Whitehall, N. Y., U.S.A.      | 96 1  | 17 0 | 7 0  | 97  | Daniel & Sons, Ltd., 132 St. Peter St., Quebec, Que.                               |
| 51288  | Charles and Vernon | Halifax         | 1919 | Bridgewater, N.S.             | 136 2 | 32 0 | 11 8 | 296 | Angier Getson, M.O., La Have, N.S.   |
| 66970  | Charles Richardson | Shelburne       | 1891 | Shelburne, N.S.               | 43 4  | 16 9 | 6 6  | 26  | C. R. Lupman, M.O., Summersville, N.S.   |
| 100754 | Charlotte          | Chatham, N.B.   | 1889 | Carsquet, N.B.                | 38 2  | 12 1 | 5 1  | 13  | Mrs. Sarah Young and F. T. B. Young, J.O., Caraquet, N.B.                          |
| 92551  | Charlotte          | Ottawa          | 1885 | Monte Bello, Que.             | 133 5 | 22 8 | 6 0  | 154 | Joseph Wilson, Montreal, Que.  |
| 141223 | Charlotte W.       | Charlottetown   | 1919 | Charlottetown, P.E.I.         | 62 9  | 16 5 | 6 0  | 32  | Charles F. Fitzgerald, Georgetown, P.E.I.  |
| 141228 | Charlotte W.       | Weymouth        | 1919 | Little Brook, N.S.            | 172 0 | 37 4 | 13 4 | 728 | I. M. Comeau Shipping Co., Ltd., Little Brook, N.S.                                |
| 16924  | Charlotte Comeau   | Charlottetown   | 1902 | Murray Harbour, P.E.I.        | 35 0  | 11 9 | 5 7  | 14  | J. M. Cassidy and Wm. A. Reid, J.O., Westville, N.S.                               |
| 116500 | Charlotte S.       | Charlottetown   | 1917 | Musville, N.S.                | 72 4  | 22 2 | 6 4  | 67  | Noel Packet Co., Ltd., Noel, N.S.  |
| 141736 | Charlotte Heber    | Matfield        | 1917 | Chateau Richer, Que.          | 77 5  | 12 1 | 6 0  | 51  | Phillipe Trepanier, Chateau Richer, Que.   |
| 138825 | Chatham            | Quebec          | 1918 | Liverpool, N.S.               | 137 1 | 32 8 | 12 2 | 354 | Zwiecker & Co., Ltd., et al., Lunenburg, N.S.                                      |
| 141436 | Chesley No. 19     | Vancouver       | 1913 | Portland, Ore., U.S.A.        | 138 4 | 36 7 | 9 3  | 330 | Whelan Pulp & Paper Mills, Ltd., Merchants Bank Bldg., Vancouver, B.C.             |
| 141437 | Chesley No. 20     | Vancouver       | 1913 | Portland, Ore., U.S.A.        | 138 1 | 36 7 | 9 3  | 329 | Whelan Pulp & Paper Mills, Ltd., Merchants Bank Bldg., Vancouver, B.C.             |
| 126575 | Cheticamp          | Port Hawkesbury | 1911 | Cheticamp, N.S.               | 38 5  | 11 5 | 6 3  | 10  | Patrick E. Atcoin, Cheticamp, N.S.   |
| 111836 | Chevalier          | Digby           | 1901 | Port Matiland, N.S.           | 32 5  | 10 7 | 6 0  | 11  | Warren S. Sallows, Port Matiland, N.S.   |
| 112392 | Cheroux            | Ottawa          | 1902 | Ottawa, Ont.                  | 52 4  | 13 5 | 2 4  | 27  | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                               |
| 121812 | Ciblow             | Toronto         | 1903 | Blind River, Ont.             | 83 0  | 23 5 | 2 7  | 79  | Blind River Transportation Co., Ltd., Blind River, Ont.                            |
| 116876 | Chief              | St. Catharines  | 1903 | Port Robinson, Ont.           | 80 9  | 30 9 | 7 9  | 269 | Canadian Dredging Co., Ltd., Midland, Ont.   |
| 67000  | Chicfaan           | St. John, N.B.  | 1874 | Waterborough, N.B.            | 74 0  | 26 3 | 6 5  | 72  | John E. Moore, St. John, N.B.  |
| 127672 | Christie C. Thomey | Ottawa          | 1890 | Burgoe, Nfld.                 | 102 0 | 26 9 | 10 0 | 123 | The Minister of the Naval Service, Ottawa, Ont.                                    |
| 96730  | Christina          | Chatham, N.B.   | 1888 | Carsquet, N.B.                | 34 4  | 12 3 | 4 6  | 11  | The C. Robb, Collas Co., Ltd., Halifax, N.S.                                       |
| 126379 | Chuan              | Halifax         | 1907 | Malbone Bay, N.S.             | 29 6  | 7 3  | 4 2  | 3   | Matthew R. Morrow, Halifax, N.S.   |
| 100532 | Citizen            | Digby           | 1893 | Bear River, N.S.              | 66 0  | 20 6 | 7 0  | 47  | Randall Merriman, Port Greville, N.S.  |
| 122914 | City Dredge No. 2  | Toronto         | 1906 | Toronto, Ont.                 | 90 5  | 30 5 | 5 2  | 234 | Corporation of the City of Toronto, Toronto, Ont.                                  |
| 107549 | Clair              | St. John, N.B.  | 1897 | North Head, Grand Manan, N.B. | 38 2  | 13 6 | 4 0  | 11  | Albert Henderson, Grand Harbour, Grand Manan, N.B.                                 |
| 92651  | Clam Shell         | St. Catharines  | 1887 | Tonawanda, N. Y., U.S.A.      | 80 0  | 20 0 | 7 0  | 62  | F. B. McNamee, Montreal, Que.  |
| 141502 | Clara B. Creaser   | La Have         | 1920 | Shelburne, N.S.               | 127 1 | 25 6 | 10 4 | 114 | Henry Greaser, M.O., Riverport, N.S.   |
| 90993  | Clara L.           | St. Catharines  | 1885 | Black Creek, Ont.             | 75 3  | 14 6 | 4 9  | 44  | Wm. Hand, Port Dalhousie, Ont.   |
| 121820 | Claro Lass         | Digby           | 1908 | Charl'k Point, N.S.           | 36 0  | 13 2 | 5 7  | 13  | Auneste F. and Basile F. LeBlanc, Concession, N.S.                                 |
| 116826 | Clarence A.        | St. John, N.B.  | 1904 | Charl'k Harbour, N.S.         | 28 2  | 11 7 | 6 1  | 11  | F. Thomsson, Chance Harbour, N.B.  |
| 126809 | Clarence Trahan    | Yarmouth        | 1911 | Metegegan, N.S.               | 47 0  | 16 2 | 7 0  | 25  | George M. Trahan, Metegegan, N.S.  |
| 83744  | Clarebell          | Charlottetown   | 1881 | Charlottetown, P.E.I.         | 42 3  | 13 2 | 6 0  | 19  | Charles Doucet, Cheticamp, N.S.  |
| 107606 | Clareville         | Charlottetown   | 1900 | Metegegan River, N.S.         | 64 0  | 22 0 | 8 5  | 55  | Alfred Chapman, Murray Harbour, P.E.I.   |
| 134105 | Clarke L. Corleau  | Charlottetown   | 1914 | La Have, N.S.                 | 86 6  | 23 8 | 9 9  | 96  | J. Norman Rafuse, M.O., La Have, N.S.  |
| 116891 | Clarke B. Daley    | LaHave, N.B.    | 1904 | Sainte Anne, N.S.             | 45 0  | 15 0 | 7 5  | 25  | E. J. E. F. Footes, St. John, N.B.   |
| 132425 | Clayton W. Walters | Yarmouth        | 1916 | Charl'k Harbour, N.S.         | 33 0  | 11 7 | 6 0  | 10  | D. A. Gardner, Charl'k Harbour, N.S.   |
| 131834 | Cleaver            | Lunenburg, N.B. | 1914 | Tignish, P.E.I.               | 93 0  | 27 9 | 9 5  | 80  | Stannage Walters, M. O. La Have, N.S.  |
| 85980  | Clifford C.        | St. John, N.B.  | 1882 | Texnon, N.B.                  | 33 2  | 11 5 | 5 0  | 12  | Anoume Perry, Petreville, P.E.I.   |
| 122315 | Clintonia          | Lunenburg       | 1908 | Lunenburg, N.S.               | 108 4 | 26 5 | 7 5  | 97  | H. A. Cameron, St. John, N.B.  |
|        |                    |                 |      |                               |       |      |      |     | Thos. Kearley, Belleoram, Nfld.  |

<sup>1</sup>Foreign name, "Helen." <sup>2</sup>Formerly a steamer. <sup>3</sup>Recovered wreck.

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless—Muni de la T.S.F.—*Abbreviations—Mentions:* J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship.<br>Nom du navire.       | Port of Registry.<br>Port d'enregistrement. | Rig.<br>Gréement. | Built<br>Construit<br>en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|---------------------------------------|---|-------------------|--------------------------|---------------------------------------|---|---|--|--|---|
| 111569                              | Clarita                               | Toronto                                     | Schr—Glt.         | 1898                     | New York, N.Y., U.S.A.                | 64 0  | 16 5  | 7 4  | 44   | Geo. H. Groederham, Toronto, Ont.   |
| 103531                              | Cloveris                              | Montreal                                    | Sloop             | 1885                     | St. Thomas, Que.                      | 92 1  | 22 2  | 5 7  | 84   | Phillippe Joly, St. Anne de Sorel, Que.   |
| 141348                              | Coal Barge No. 3                      | Ottawa                                      | Barge—Chd         | 1903                     | Sorel, Que.                           | 92 7  | 29 1  | 40 8   | 207  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 141349                              | Oxal Barge No. 5                      | Ottawa                                      | Barge—Chd         | 1909                     | Sorel, Que.                           | 125 2   | 30 0  | 40 7   | 338  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 122641                              | Cobalt                                | Montreal                                    | Schr—Glt          | 1873                     | Buffalo, N.Y., U.S.A.                 | 146 6   | 26 6  | 11 4   | 307  | The Atlas Sand Co., Ltd., 77 Common St., Montreal, Que.                               |
| 103955                              | Cobourg                               | Montreal                                    | Schr—Glt          | 1897                     | Kingston, Ont.                        | 179 6   | 31 7  | 11 4   | 607  | Canada Steamship Lines, Ltd., 9 Victoria Sq., Montreal, Que.                          |
| 85392                               | Colibri                               | Port Hawkesbury                             | Sloop             | 1884                     | Magdalen Islands, Que.                | 46 5  | 13 0  | 6 6  | 18   | Murdoch A. McDonald, South Cove, N.S.   |
| 131015                              | Collin                                | Quebec                                      | Scow—Chd          | 1912                     | Quebec, Que.                          | 122 2   | 21 4  | 8 5  | 198  | Wm. Q. Stobo, Quebec, Que.  |
| 100359                              | Colnasia                              | Quebec                                      | Schr—Glt          | 1889                     | Chironium, Que.                       | 64 0  | 20 4  | 6 7  | 57   | Pluféus Bouliano, Tadoussac, Que.   |
| 74351                               | Col. Ellsworth                        | Quebec                                      | Schr—Glt          | 1860                     | Essex, Mass., U.S.A.                  | 77 4  | 22 6  | 7 6  | 78   | Chas. and Elie Duchéne, I.O., St. Iréné, Que.   |
| 134490                              | Colonel L.                            | Montreal                                    | Scow—Chd          | 1901                     | Sault-Ste. Marie, Ont.                | 100 0   | 28 0  | 7 2  | 202  | Quimlan & Robertson, Ltd., 1618 St. Patrick St., Montreal, Que.                       |
| 74051                               | Colonel Orlot                         | Canso                                       | Schr—Glt          | 1876                     | Barrington, N.S.                      | 73 0  | 21 8  | 8 5  | 73   | John J. Singster, Guysboro', N.S.   |
| 85967                               | Columbia                              | Kingston                                    | Barge—Chd         | 1885                     | Bedford Mills, Ont.                   | 101 0   | 22 7  | 4 8  | 84   | Benjamin Telf, Bedford Mills, Ont.  |
| 130954                              | Comet G.                              | Yamoubois                                   | Schr—Glt          | 1910                     | Panook, N.S.                          | 40 2  | 10 6  | 5 0  | 11   | Arthur Boutilier, Halifax, N.S.   |
| 112325                              | Commodore                             | Halifax                                     | Schr—Glt          | 1902                     | Perruak, N.S.                         | 51 6  | 17 4  | 5 0  | 29   | Geo. Windsor, Bathurst, N.S.  |
| 110983                              | Commodore                             | Kenora                                      | Barge—Chd         | 1898                     | Kenora, Ont.                          | 86 0  | 20 8  | 5 0  | 92   | Edwin F. Kendall, Kenora, Ont.  |
| 138063                              | Compagnie Générale Hopper Scow No. 1. | Quebec                                      | Scow—Chd.         | 1910                     | Lauzon, Que.                          | 99 0  | 25 0  | 10 2   | 135  | La Compagnie Générale d'Entreprises Publiques, 25 St. Lawrence St., Lévis, Que.       |
| 138064                              | Compagnie Générale Hopper Scow No. 2. | Quebec                                      | Scow—Chd.         | 1910                     | Lauzon, Que.                          | 99 0  | 25 0  | 10 2   | 135  | La Compagnie Générale d'Entreprises Publiques, 25 St. Lawrence St., Lévis, Que.       |
| 138065                              | Compagnie Générale Hopper Scow No. 3. | Quebec                                      | Scow—Chd.         | 1911                     | Lauzon, Que.                          | 99 0  | 25 0  | 10 2   | 135  | La Compagnie Générale d'Entreprises Publiques, 25 St. Lawrence St., Lévis, Que.       |
| 138086                              | Compagnie Générale Hopper Scow No. 4. | Quebec                                      | Scow—Chd.         | 1911                     | Lauzon, Que.                          | 131 0   | 30 1  | 11 0   | 239  | La Compagnie Générale d'Entreprises Publiques, 25 St. Lawrence St., Lévis, Que.       |
| 138087                              | Compagnie Générale Hopper Scow No. 5. | Quebec                                      | Scow—Chd.         | 1911                     | Lauzon, Que.                          | 131 0   | 30 1  | 11 0   | 239  | La Compagnie Générale d'Entreprises Publiques, 25 St. Lawrence St., Lévis, Que.       |
| 141287                              | Con Rein.                             | La Have                                     | Schr—Glt.         | 1919                     | East La Have, N.S.                    | 129 5   | 30 6  | 11 6   | 299  | Con Rein, Ltd., East La Have, N.S.  |

| Condor | Montreal            | Barge—Chd.     | 1888 | Montreal, Que.             | 1890 | 34 5  | 11 6 | 567 |
|--------|---------------------|----------------|------|----------------------------|------|-------|------|-----|
| 92553  | Condor              | Barge—Chd.     | 1888 | Montreal, Que.             | 1890 | 34 5  | 11 6 | 567 |
| 116681 | Conductor           | Sehr—Glt.      | 1877 | Essex, Mass., U.S.A.       | 1890 | 44 8  | 13 5 | 568 |
| 116613 | Constance No. 1.    | Barge—Chd.     | 1904 | Victoria, B.C.             | 1890 | 47 6  | 13 0 | 569 |
| 133388 | Continental         | Dredge—Drague  | 1904 | Cleveland, O., U.S.A.      | 1890 | 100 0 | 25 2 | 570 |
| 133911 | Contra              | Sehr—Glt.      | 1913 | Caraquet, N.B.             | 1890 | 76 8  | 22 4 | 571 |
| 134088 | Copper Queen        | Sehr—Glt.      | 1914 | Seattle, Wash., U.S.A.     | 1890 | 52 0  | 17 4 | 572 |
| 134081 | Coquitlam City      | Sehr—Glt.      | 1914 | Port Coquitlam, B.C.       | 1890 | 106 0 | 41 0 | 573 |
| 116734 | Corra Lee           | Sehr—Glt.      | 1904 | Beekerton, N.S.            | 1890 | 44 8  | 13 5 | 574 |
| 141283 | Coral               | Sehr—Glt.      | 1874 | Oakville, Ont.             | 1890 | 47 6  | 13 0 | 575 |
| 117433 | Coral Spray         | Sehr—Glt.      | 1919 | Wedgport, N.S.             | 1890 | 100 0 | 25 2 | 576 |
| 71063  | Corinne             | Sehr—Glt.      | 1902 | La Have, N.S.              | 1890 | 76 8  | 22 4 | 577 |
| 71163  | Corisande           | Sehr—Glt.      | 1883 | St. Paul's Bay, Que.       | 1890 | 52 0  | 17 4 | 578 |
| 126780 | Cornier             | Sehr—Glt.      | 1873 | Marine City, Mich., U.S.A. | 1890 | 106 0 | 41 0 | 579 |
| 94942  | Cornelia            | Sehr—Glt.      | 1907 | Ardouane, N.B.             | 1890 | 39 0  | 15 0 | 580 |
| 97258  | Coronel Trinn       | Sehr—Glt.      | 1889 | Sable River, N.S.          | 1890 | 68 6  | 19 9 | 581 |
| 103083 | Corsair             | Sehr—Glt.      | 1880 | Essex, Mass., U.S.A.       | 1890 | 68 6  | 19 9 | 582 |
| 96868  | Coteau              | Barge—Chd.     | 1883 | Caraquet, N.B.             | 1890 | 53 6  | 12 0 | 583 |
| 138404 | County of Richmond. | Sehr—Glt.      | 1909 | Toronto, Ont.              | 1890 | 157 6 | 37 0 | 584 |
| 83295  | Craftsman           | Sehr—Glt.      | 1883 | Kingston, Ont.             | 1890 | 99 3  | 31 0 | 585 |
| 138137 | Craze Island        | Sehr—Glt.      | 1873 | Kingston, Ont.             | 1890 | 107 0 | 36 6 | 586 |
| 100345 | Crescent            | Sehr—Glt.      | 1913 | Itte-ux-Gruess, Que.       | 1890 | 86 6  | 25 6 | 587 |
| 103824 | Crocket             | Sehr—Glt.      | 1902 | Lower Selma, N.S.          | 1890 | 36 0  | 10 4 | 588 |
| 64710  | Crown Prince        | Sehr—Glt.      | 1889 | Port Hawkesbury, N.S.      | 1890 | 42 0  | 14 6 | 589 |
| 88290  | Cruise              | Sehr—Glt.      | 1871 | Port Hawkesbury, N.S.      | 1890 | 40 3  | 12 4 | 590 |
| 141914 | Cumberland Queen    | Sloop          | 1886 | St. Andrews, N.B.          | 1890 | 179 0 | 38 0 | 591 |
| 122152 | Cannibus            | Sloop          | 1919 | Diligent River, N.S.       | 1890 | 39 7  | 14 3 | 592 |
| 16215  | Carac               | Sehr—Glt.      | 1906 | Harrison Hot Springs, B.C. | 1890 | 46 8  | 14 3 | 593 |
| 133920 | Carce               | Sehr—Glt.      | 1883 | Quebec, Que.               | 1890 | 34 0  | 13 5 | 594 |
| 141495 | Cady Sark           | Sehr—Glt.      | 1913 | Lamack, N.B.               | 1890 | 18 6  | 8 0  | 595 |
| 134451 | Cyclone             | Predige—Drague | 1914 | St. John, N.B.             | 1890 | 170 0 | 32 0 | 596 |
| 109716 | Cyclone             | Sehr—Glt.      | 1887 | Toronto, Ont.              | 1890 | 98 3  | 13 3 | 597 |
| 13074  | Cynthia W.          | Predige—Drague | 1892 | U.S.A.                     | 1890 | 39 3  | 19 3 | 598 |
| 16737  | Cynthia             | Sehr—Glt.      | 1892 | Caraquet, N.B.             | 1890 | 39 3  | 19 3 | 599 |
| 73683  | Cyrenian            | Sehr—Glt.      | 1879 | Caraquet, N.B.             | 1890 | 135 0 | 36 0 | 600 |
| 18761  | Cyril T.            | Sehr—Glt.      | 1918 | Garden Island, Ont.        | 1890 | 92 0  | 27 0 | 601 |
| 107821 | Czar No. 1          | Sehr—Glt.      | 1890 | River John, N.S.           | 1890 | 92 0  | 27 0 | 602 |
| 130836 | D. 3                | Sehr—Chd.      | 1911 | Union, B.C.                | 1890 | 80 0  | 28 0 | 603 |
| 130837 | D. 4                | Sehr—Chd.      | 1910 | Fort William, Ont.         | 1890 | 75 0  | 28 0 | 604 |
| 116874 | D. 5                | Dredge—Drague  | 1897 | Duluth, Minn., U.S.A.      | 1890 | 85 0  | 30 0 | 605 |
| 138010 | D. 10               | Sehr—Chd.      | 1912 | Fort William, Ont.         | 1890 | 90 0  | 35 0 | 606 |
| 138850 | D. 12               | Sehr—Chd.      | 1911 | Fort William, Ont.         | 1890 | 80 0  | 33 0 | 607 |
| 120675 | D. 25               | Sehr—Chd.      | 1909 | Fort William, Ont.         | 1890 | 94 0  | 24 0 | 608 |

\*Formerly "Kate McKinnon."

\*Formerly "Belle."

\*Formerly "Star."

\*Formerly "Kate McKinnon."

\*Formerly "E. P. Beals."

\*Formerly "Cynthia."

\*Formerly "Prussia."

Sincommes McNaughton Line, Ltd., 75 Common St., Montreal, Que.  
 Alton C. Trenholm, Port Elgin, N.B.  
 Arthur R. Barrow, Hill Island, B.C.  
 Aaron Portnoy, Sault Ste. Marie, Ont.  
 Guillaume Chénard, Caraquet, N.B.  
 The Granby Consolidated Mining, Smelting & Power Co., Ltd., Grand Forks, B.C.  
 Coastwise Steamship & Barge Co., Ltd., 813 Birk's Bldg., Vancouver, B.C.  
 Leonard Fisheries, Ltd., 22 Youville Square, Montreal, Que.  
 H. R. Fowles and W. J. Kivell, Port Credit, Ont.  
 J. D. Fraillick, et al., La Have, N.S.  
 70 Abram Deprés, M.O., Magdalen Islands, Que.  
 E. Bluteau, Petite Rivière Charlebois, St. François, Que.  
 John C. Miller, PARRY SOUND, Ont.  
 Robert E. MacLean, Chatham, N.B.  
 S. V. Melanson, et al., Granville, N.S.  
 Alexander Ryan, Millville, N.S.  
 T. Abier, Shippigan, N.B.  
 The Canadian Towing & Wrecking Co., Ltd., 415 Whalen Blvd., Port Arthur, Ont.  
 John B. Orr, St. Johns, Nfld.  
 65 T. Mills, Kingston, Ont.  
 John Strong, Port Elgin, Ont.  
 Jean B. Bernier, Itte-ux-Gruess, Que.  
 F. J. Foot, et al., Bermuda, B.W.I.  
 Richard H. Brown, Sydney Mines, N.S.  
 P. C. Cook, Port Margrave, N.S.  
 J. S. Boyd, Campobello, N.B.  
 Joseph N. Pugsley, et al., Parrsboro, N.S.  
 Ezekiel G. Wardle, Harrison Hot Springs, B.C.  
 Herbert Kennedy and Percival Molson, J. O., Montreal, Que.  
 Joseph X. Follin, Lunenburg, N.B.  
 Toronto Harbour Commissioners, Toronto, Ont.  
 The C. Robm, Collins Co., Ltd., Halifax, N.S.  
 Charles Witharsham, Halifax, N.S.  
 E. Stives, Caraquet, N.B.  
 Edward Kelly, Wallaceburg, Ont.  
 William H. Hebb, Halifax, N.S. and Wm. Davis, St. John's, Nfld.  
 The Wellington Colliery Co., Ltd., Victoria, B.C.

The Great Lakes Dredging Co. & Contracting Co., Limited, Ottawa, Ont.  
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104 The Great Lakes Dredging Co. & Contracting Co., Limited, Ottawa, Ont.  
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 82 The Great Lakes Dredging & Contracting Co., Limited, Ottawa, Ont.  
 149 The Great Lakes Dredging & Contracting Co., Limited, Ottawa, Ont.

## ALPHABETICAL List of Sailing Vessels on Registry Books in Canada, December 31, 1920.

## LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Ⓞ Equipped with Wireless—Muni de la T.S.F.—Abbreviations—Abréviations: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Rig.<br>Gréement. | Build.<br>Construction | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10 <sup>es</sup> . | Breadth in feet and 10ths.<br>Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths.<br>Profondeur en pieds et 10 <sup>es</sup> . | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|---------------------------------|---|-------------------|------------------------|---------------------------------------|--|--|---|--|---|
| 126676                              | D. 36.....                      | Port Arthur.....                            | Stow—Chd.....     | 1909                   | Port William, Ont.....                | 95 6   | 24 0   | 7 6   | 149  | The Great Lakes Dredging & Contracting Co., Limited,<br>Ottawa, Ont.                  |
| 116375                              | D. 30.....                      | Port Arthur.....                            | Stow—Chd.....     | 1897                   | Duluth, Minn., U.S.A.....             | 70 0   | 21 0   | 10 0  | 147  | The Great Lakes Dredging & Contracting Co., Limited,<br>Ottawa, Ont.                  |
| 116376                              | D. 32.....                      | Port Arthur.....                            | Stow—Chd.....     | 1897                   | Duluth, Minn., U.S.A.....             | 90 0   | 29 0   | 9 5   | 231  | The Great Lakes Dredging & Contracting Co., Limited,<br>Ottawa, Ont.                  |
| 126677                              | D. 34.....                      | Port Arthur.....                            | Stow—Chd.....     | 1909                   | Port Arthur, Ont.....                 | 121 5  | 29 0   | 9 2   | 272  | The Great Lakes Dredging & Contracting Co., Limited,<br>Ottawa, Ont.                  |
| 126678                              | D. 35.....                      | Port Arthur.....                            | Stow—Chd.....     | 1909                   | Port Arthur, Ont.....                 | 122 4  | 28 8   | 9 4   | 278  | The Great Lakes Dredging & Contracting Co., Limited,<br>Ottawa, Ont.                  |
| 126679                              | D. 38.....                      | Port Arthur.....                            | Stow—Chd.....     | 1910                   | Port Arthur, Ont.....                 | 149 0  | 36 0   | 15 5  | 675  | The Great Lakes Dredging & Contracting Co., Limited,<br>Ottawa, Ont.                  |
| 126680                              | D. 39.....                      | Port Arthur.....                            | Stow—Chd.....     | 1910                   | Port Arthur, Ont.....                 | 149 0  | 35 0   | 15 5  | 675  | The Great Lakes Dredging & Contracting Co., Limited,<br>Ottawa, Ont.                  |
| 130831                              | D. 40.....                      | Port Arthur.....                            | Stow—Chd.....     | 1909                   | Port Arthur, Ont.....                 | 151 0  | 38 0   | 10 8  | 502  | The Great Lakes Dredging & Contracting Co., Limited,<br>Ottawa, Ont.                  |
| 130832                              | D. 41.....                      | Port Arthur.....                            | Stow—Chd.....     | 1909                   | Port Arthur, Ont.....                 | 135 5  | 38 0   | 10 8  | 415  | The Great Lakes Dredging & Contracting Co., Limited,<br>Ottawa, Ont.                  |
| 130833                              | D. 42.....                      | Port Arthur.....                            | Stow—Chd.....     | 1909                   | Port Arthur, Ont.....                 | 135 5  | 38 0   | 10 8  | 414  | The Great Lakes Dredging & Contracting Co., Limited,<br>Ottawa, Ont.                  |
| 130834                              | D. 43.....                      | Port Arthur.....                            | Stow—Chd.....     | 1910                   | Port William, Ont.....                | 149 0  | 36 0   | 15 5  | 675  | The Great Lakes Dredging & Contracting Co., Limited,<br>Ottawa, Ont.                  |
| 130835                              | D. 48.....                      | Port Arthur.....                            | Stow—Chd.....     | 1910                   | Port William, Ont.....                | 149 0  | 36 0   | 15 5  | 675  | The Great Lakes Dredging & Contracting Co., Limited,<br>Ottawa, Ont.                  |
| 138011                              | D. 50.....                      | Port Arthur.....                            | Stow—Chd.....     | 1912                   | Port William, Ont.....                | 150 0  | 37 0   | 12 0  | 618  | The Great Lakes Dredging & Contracting Co., Limited,<br>Ottawa, Ont.                  |
| 138012                              | D. 51.....                      | Port Arthur.....                            | Stow—Chd.....     | 1912                   | Port William, Ont.....                | 150 0  | 37 0   | 12 0  | 618  | The Great Lakes Dredging & Contracting Co., Limited,<br>Ottawa, Ont.                  |
| 138013                              | D. 60.....                      | Port Arthur.....                            | Stow—Chd.....     | 1912                   | Port William, Ont.....                | 55 2   | 17 0   | 4 0   | 35   | The Great Lakes Dredging & Contracting Co., Limited,<br>Ottawa, Ont.                  |
| 138014                              | D. 61.....                      | Port Arthur.....                            | Stow—Chd.....     | 1912                   | Port William, Ont.....                | 45 0   | 17 0   | 3 5   | 26   | The Great Lakes Dredging & Contracting Co., Limited,<br>Ottawa, Ont.                  |
| 138015                              | D. 62.....                      | Port Arthur.....                            | Stow—Chd.....     | 1910                   | Port William, Ont.....                | 32 2   | 15 5   | 3 5   | 16   | The Great Lakes Dredging & Contracting Co., Limited,<br>Ottawa, Ont.                  |



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|        |                |                |           |      |                                   |       |      |      |     |   |
|--------|----------------|----------------|-----------|------|-----------------------------------|-------|------|------|-----|---|
| 138016 | D. 63          | Port Arthur    | Scow—Chd. | 1912 | Fort William, Ont.                | 40 0  | 21 0 | 3 6  | 29  | The Great Lakes Dredging & Contracting Co., Limited, Ottawa, Ont.                       |
| 138017 | D. 64          | Port Arthur    | Scow—Chd. | 1912 | Fort William, Ont.                | 75 0  | 29 0 | 6 0  | 106 | The Great Lakes Dredging & Contracting Co., Limited, Ottawa, Ont.                       |
| 138018 | D. 65          | Port Arthur    | Scow—Chd. | 1912 | Fort William, Ont.                | 73 0  | 21 0 | 5 5  | 79  | The Great Lakes Dredging & Contracting Co., Limited, Ottawa, Ont.                       |
| 138856 | D. 66          | Port Arthur    | Scow—Chd. | 1913 | Fort William, Ont.                | 40 0  | 12 0 | 2 0  | 9   | The Great Lakes Dredging & Contracting Co., Limited, Ottawa, Ont.                       |
| 138019 | D. 67          | Port Arthur    | Scow—Chd. | 1912 | Fort William, Ont.                | 77 0  | 21 2 | 6 5  | 101 | The Great Lakes Dredging & Contracting Co., Limited, Ottawa, Ont.                       |
| 138858 | D. 68          | Port Arthur    | Dry-Dock  | 1909 | Superior, Wis., U.S.A.            | 100 0 | 70 0 | 8 0  | 774 | The Great Lakes Dredging & Contracting Co., Limited, Ottawa, Ont.                       |
| 138851 | D. 74          | Port Arthur    | Scow—Chd. | 1912 | Fort William, Ont.                | 85 0  | 22 0 | 5 0  | 61  | The Great Lakes Dredging & Contracting Co., Limited, Ottawa, Ont.                       |
| 138020 | D. 75          | Port Arthur    | Scow—Chd. | 1912 | Fort William, Ont.                | 125 0 | 33 0 | 11 0 | 440 | The Great Lakes Dredging & Contracting Co., Limited, Ottawa, Ont.                       |
| 138841 | D. 76          | Port Arthur    | Scow—Chd. | 1912 | Fort William, Ont.                | 71 0  | 21 2 | 5 5  | 103 | The Great Lakes Dredging & Contracting Co., Limited, Ottawa, Ont.                       |
| 138852 | D. 77          | Port Arthur    | Scow—Chd. | 1912 | Fort William, Ont.                | 97 0  | 22 0 | 9 2  | 232 | The Great Lakes Dredging & Contracting Co., Limited, Ottawa, Ont.                       |
| 138853 | D. 78          | Port Arthur    | Scow—Chd. | 1912 | Fort William, Ont.                | 110 0 | 32 0 | 8 5  | 290 | The Great Lakes Dredging & Contracting Co., Limited, Ottawa, Ont.                       |
| 138842 | D. 79          | Port Arthur    | Scow—Chd. | 1912 | Fort William, Ont.                | 110 0 | 37 0 | 9 7  | 384 | The Great Lakes Dredging & Contracting Co., Limited, Ottawa, Ont.                       |
| 138843 | D. 85          | Port Arthur    | Scow—Chd. | 1912 | Fort William, Ont.                | 36 0  | 15 6 | 3 0  | 16  | The Great Lakes Dredging & Contracting Co., Limited, Ottawa, Ont.                       |
| 138844 | D. 86          | Port Arthur    | Scow—Chd. | 1912 | Fort William, Ont.                | 100 0 | 33 0 | 9 2  | 294 | The Great Lakes Dredging & Contracting Co., Limited, Ottawa, Ont.                       |
| 138845 | D. 87          | Port Arthur    | Scow—Chd. | 1912 | Fort William, Ont.                | 100 0 | 33 0 | 9 2  | 294 | The Great Lakes Dredging & Contracting Co., Limited, Ottawa, Ont.                       |
| 138446 | D. 88          | Port Arthur    | Scow—Chd. | 1912 | Fort William, Ont.                | 60 0  | 26 0 | 5 0  | 75  | The Great Lakes Dredging & Contracting Co., Limited, Ottawa, Ont.                       |
| 138847 | D. 89          | Port Arthur    | Scow—Chd. | 1912 | Fort William, Ont.                | 78 0  | 27 0 | 6 5  | 132 | The Great Lakes Dredging & Contracting Co., Limited, Ottawa, Ont.                       |
| 138366 | D. G. 1        | Vancouver      | Scow—Chd. | 1913 | Eburne, B.C.                      | 90 7  | 32 0 | 7 0  | 163 | Nicoen Gravel Co., Ltd., 704/543 Granville St., Vancouver, B.C.                         |
| 131029 | D. G. 3        | Vancouver      | Scow—Chd. | 1911 | Eburne, B.C.                      | 79 0  | 32 2 | 4 4  | 182 | Gulf of Georgia Towing Co., Ltd., (1920) 1199 Sixth Ave. W., Vancouver, B.C.            |
| 133712 | D. G. 4        | Vancouver      | Scow—Chd. | 1912 | Eburne, R.C.                      | 81 8  | 32 0 | 9 0  | 242 | Gulf of Georgia Towing Co., Ltd., (1920) 1199 Sixth Ave. W., Vancouver, B.C.            |
| 133849 | D. G. No. 7    | Vancouver      | Scow—Chd. | 1911 | Vancouver, B.C.                   | 60 0  | 26 0 | 4 0  | 161 | Pacific Mills, Ltd., 808 Standard Bank Bldg., Vancouver, B.C.                           |
| 133866 | D. G. No. 8    | Vancouver      | Scow—Chd. | 1913 | Eburne, B.C.                      | 39 0  | 14 5 | 4 0  | 35  | Nicoen Gravel Co., Ltd., Vancouver, B.C.  |
| 130795 | D. W. No. 1    | Vancouver      | Scow—Chd. | 1911 | New Westminster, B.C.             | 104 8 | 35 0 | 6 7  | 209 | Graby Consolidated Mining Smelting & Power Co., Ltd., 813 Birk's Bldg., Vancouver, B.C. |
| 138267 | D. B. Frères   | Quebec         | Schr—Ght. | 1915 | Petite Rivière St. François, Que. | 65 6  | 24 4 | 7 9  | 68  | Edgar Truchon, St. Fidèle, Que.   |
| 126033 | D. C. Mulhall  | Halifax        | Schr—Ght. | 1907 | Liverpool, N.S.                   | 70 5  | 18 4 | 7 1  | 42  | Geo. Pelham and William Pelham, Herring Cove, N.S.                                      |
| 141694 | D. D. McKenzie | Lunenburg      | Schr—Ght. | 1920 | Chester Basin, N.S.               | 119 9 | 25 0 | 11 0 | 123 | Wm. Duff, et al., Lunenburg, N.S.   |
| 116806 | D. N. Larocque | Sorel          | Barge—Chd | 1905 | Sorel, Que.                       | 105 8 | 23 8 | 7 6  | 140 | Victor (son of Nazaire) Larocque, Sorel, Que.   |
| 126228 | D. P. Dobbins  | Toronto        | Schr—Ght. | 1883 | Cleveland, Ohio, U.S.A.           | 164 0 | 32 0 | 12 0 | 421 | Point Anne Quarries, Ltd., Toronto, Ont.  |
| 121950 | D. Gill        | Quebec         | Sloop     | 1906 | Pierreville, Que.                 | 107 6 | 23 2 | 7 2  | 117 | Anger & Son, Ltd., 132 St. Peter St., Quebec, Que.                                      |
| 83368  | D. Talbot      | Quebec         | Schr—Ght. | 1881 | Kegonsaw, Que.                    | 33 0  | 11 5 | 4 4  | 10  | Désiré Talbot, Nstashaquan, Que.  |
| 130439 | D'Arcy Leamy   | Montreal       | Scow—Ght. | 1912 | Montreal, Que.                    | 100 1 | 27 9 | 7 0  | 154 | The Minister of Public Works, Ottawa, Ont.  |
| 100913 | Dalinda        | Chatham, N.B.  | Schr—Ght. | 1891 | Carquest, N.B.                    | 35 6  | 12 7 | 4 4  | 36  | Charles R. Morzon, Centreville, N.S.  |
| 112221 | St. John, N.B. | St. John, N.B. | Schr—Ght. | 1902 | St. John, N.B.                    | 54 4  | 18 3 | 6 7  | 13  | John Agnew, Alberton, P.E.I.  |
| 107758 | Daisy          | Charlottetown  | Schr—Ght. | 1891 | Cascumpe, P.E.I.                  | 42 4  | 12 9 | 4 7  | 98  | Joseph Blinis, Berthier (en bas), Que.  |
| 103496 | Daisy          | Quebec         | Schr—Ght. | 1895 | St. Lawrence, N.B.                | 92 0  | 24 0 | 9 5  | 13  | Thos. A. Farris, Waterborough, N.B.   |
| 100068 | Daisy          | St. John, N.B. | Schr—Ght. | 1892 | Westfield, N.B.                   | 61 7  | 18 9 | 4 6  | 45  |   |

\*Formerly "Loreana Maid".

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless—Muni de la T.S.F.—Abbréviations—A. O., joint owners—propriétaires conjoints; M. O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro d'officier. | Name of Ship<br>Nom du navire. | Port of Registry<br>Port d'enregistrement. | Reg.<br>Géométrie. | Built<br>Constructé en | Where Built<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10 <sup>es</sup> . | Breadth in feet and 10ths.<br>Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths.<br>Profondeur en pieds et 10 <sup>es</sup> . | Registered Tonnage<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|---------------------------------------|--------------------------------|--|--------------------|------------------------|--------------------------------------|--|--|---|---|---|
| 100890                                | Daisy                          | St. John, N.B.                             | Schr—Glt.          | 1894                   | St. John, N.B.                       | 47 7   | 15 9   | 4 1   | 25  | R. A. Elliott, St. John, N.B.   |
| 90427                                 | Daisy Vaughn                   | Liverpool                                  | Schr—Glt           | 1886                   | Barrington, N.S.                     | 69 0   | 22 0   | 7 5   | 71  | Colin M. and John A. Colford, Port Malouin, N.S.                                      |
| 88371                                 | Dakota                         | Montreal                                   | Barge—Chd          | 1885                   | Garden Island, Ont.                  | 170 4  | 30 6   | 11 9  | 516                                       | Wm. D. Stobo, Quebec, Que.  |
| 126982                                | Dandy K.                       | St. John, N.B.                             | Sloop              | 1910                   | Yarmouth, N.S.                       | 35 6   | 11 7   | 5 9   | 12  | Walter D. Wilson, Lorneville, N.B.  |
| 158399                                | Daniel Getson                  | Lancenburg                                 | Schr—Glt           | 1917                   | Bridgewater, N.S.                    | 132 6  | 32 0   | 11 6  | 295                                       | Daniel Getson, M.O., LaHave, N.S.   |
| 107703                                | Darrow                         | Toronto                                    | House-Boat         | 1887                   | Pentanguishene, Ont.                 | 49 5   | 20 0   | 2 6   | 91  | David Davidson, Pentanguishene, Ont.  |
| 126947                                | David Evans                    | Victoria                                   | Schr—Glt           | 1901                   | Marshfield, Ore., U.S.A.             | 200 4  | 10 0   | 15 3  | 748                                       | The David Evans Shipping Co., Ltd., 103 Winch Bldg., Vancouver, B.C.                  |
| 190884                                | David Lynch                    | St. John, N.B.                             | Schr—Glt           | 1894                   | St. John, N.B.                       | 83 0   | 21 1   | 8 3   | 65  | The Minister of Marine & Fisheries, Ottawa, Ont.                                      |
| 134244                                | David Moran                    | Toronto                                    | Scow—Chd           | 1901                   | West Bay City, Mich., U.S.A.         | 160 0  | 35 0   | 8 0   | 191                                       | Point Anne Quarries, Ltd., Toronto, Ont.  |
| 107698                                | Davie                          | Toronto                                    | House-boat         | 1896                   | Pentanguishene, Ont.                 | 46 0   | 20 0   | 2 6   | 81  | David Davidson, Pentanguishene, Ont.  |
| 96759                                 | Dawn                           | St. John, N.B.                             | Schr—Glt           | 1889                   | Upper Gagetown, N.B.                 | 39 2   | 12 8   | 4 6   | 12  | Chas. L. Carrier, Upper Gagetown, N.B.  |
| 106005                                | Dawn                           | Shelburne                                  | Schr—Glt           | 1893                   | Shelburne, N.S.                      | 66 0   | 17 8   | 7 6   | 99  | Frank C. Blanchard, Shelburne, N.S.   |
| 158831                                | Dazzle                         | Lancenburg                                 | Schr—Glt           | 1918                   | Malbone Bay, N.S.                    | 105 8  | 26 3   | 10 8  | 99  | James J. McKay and William Campbell, St. John's, Nfld.                                |
| 107230                                | De Champlain                   | Quebec                                     | Barge—Chd          | 1897                   | St. Irène, Que.                      | 99 7   | 22 5   | 7 3   | 134                                       | Louis Gauthier, St. Irène, Que.   |
| 107058                                | Defender                       | Barrington Passage                         | Schr—Glt           | 1901                   | Coffin's Croft, N.S.                 | 48 0   | 14 9   | 5 9   | 30  | Chas. Anderson, Yarmouth, N.S.  |
| 103063                                | Defender                       | Yarmouth                                   | Schr—Glt           | 1895                   | Panbride, N.S.                       | 43 2   | 14 7   | 6 1   | 95  | Everett B., and Frederick Nickerson, Yarmouth, N.S.                                   |
| 131177                                | Delawana                       | Lancenburg                                 | Schr—Glt           | 1913                   | Lancenburg, N.S.                     | 106 8  | 26 3   | 10 4  | 20  | Benjamin Cook, M.O., Rose Bay, N.S.   |
| 126907                                | Deltina                        | Halifax                                    | Schr—Glt           | 1909                   | Amherst, Mag. Islands, Que.          | 42 9   | 15 2   | 5 7   | 17  | Mrs. Bertha Leslie, Halifax, N.S.   |
| 111507                                | Della B.                       | St. John, N.B.                             | Schr—Glt           | 1900                   | Greenwich, N.B.                      | 56 0   | 17 4   | 5 4   | 43  | Allan J. Wheaton, St. John, N.B.  |
| 103118                                | Della F. Farr                  | St. Andrews                                | Schr—Glt           | 1883                   | Salem, Mass., U.S.A.                 | 56 0   | 17 0   | 5 7   | 34  | Chas. Abriel, Spey Bay, N.S.  |
| 90553                                 | Delta                          | Charlottetown                              | Schr—Glt           | 1886                   | Lancenburg, N.S.                     | 44 4   | 16 2   | 7 0   | 75  | A. J. McFadden, Tignish, P.E.I.   |
| 107099                                | Delta                          | Toronto                                    | House-boat         | 1890                   | Pentanguishene, Ont.                 | 47 0   | 20 0   | 3 0   | 74  | David Davidson, Pentanguishene, Ont.  |
| 100277                                | Delta                          | Windsor, N.S.                              | Schr—Glt           | 1892                   | Kempt, N.S.                          | 118 3  | 37 0   | 11 9  | 367                                       | John W. Baxter, Canning, N.S.   |
| 126091                                | Delver No. 1                   | St. Charles Mines                          | Dredge—Drague      | 1908                   | Welland, Ont.                        | 100 0  | 37 0   | 6 5   | 205                                       | The Minister of Railways and Canals, Ottawa, Ont.                                     |
| 141047                                | Democracy                      | Lancenburg                                 | Schr—Glt           | 1915                   | Montreal, Que.                       | 112 8  | 26 3   | 10 4  | 100                                       | Scott Corkum, M.O., Lancenburg, N.S.  |
| 134188                                | Derrick No. 8                  | Montreal                                   | Scow—Chd           | 1905                   | Montreal, Que.                       | 90 0   | 31 3   | 6 4   | 252                                       | Harbour Commissioners of Montreal, Montreal, Que.                                     |
| 122267                                | Derrick Scow No. 1             | Montreal                                   | Scow—Chd           | 1906                   | Halifax, N.S.                        | 94 5   | 24 9   | 5 7   | 110                                       | The Montreal Sand & Gravel Co., Ltd., Montreal, Que.                                  |
| 107314                                | Despatch                       | Halifax                                    | Schr—Glt           | 1894                   | Halifax, N.S.                        | 27 4   | 9 4  | 4 0   | 60  | George E. Pringle, Fr. Halifax, N.S.  |
| 94811                                 | Diana                          | Victoria                                   | Schr—Glt           | 1899                   | Lancenburg, N.S.                     | 65 2   | 23 9   | 7 1   | 78  | Stacey Canning Co., Ltd., Sidney, P.E.  |
| 97089                                 | Diana                          | Charlottetown                              | Schr—Glt           | 1880                   | Victoria, B.C.                       | 76 0   | 19 3   | 9 4   | 90  | Johnston T. Reinhardt, Liverpool, N.S.  |
| 90534                                 | Diogenes                       | Port Medway                                | Schr—Glt           | 1895                   | East Port Medway, N.S.               | 48 0   | 16 3   | 6 5   | 27  | Richard C. Smith, Halifax, N.S.   |
| 103861                                | Diogenes                       | Halifax                                    | Sloop              | 1895                   | Dartmouth, N.S.                      | 42 8   | 18 4   | 5 5   | 67  | G. F. Pearson, Halifax, N.S.  |

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| 103076 | Dipper.....            | Chaatham, N. B. | 1893 | Shippagan, N. B.                   | 37 5  | 12 2 | 5 0  | 12  | W. S. Loiegie Co., Ltd., Chatham, N. B.                                      |
| 92515  | Dispute.....           | St. Andrews     | 1879 | St. George, N. B.                  | 30 0  | 12 0 | 6 4  | 13  | E. R. Patch, Campbellton, N. B.  |
| 107706 | Dixie.....             | Toronto         | 1898 | Pentacangushene, Ont.              | 50 0  | 22 0 | 3 0  | 97  | David Davidson, Pentacangushene, Ont.  |
| 332205 | Dks. No. 1.....        | Vancouver       | 1913 | North Vancouver, B. C.             | 69 3  | 30 0 | 7 5  | 141 | John F. Deeks, Vancouver, B. C.  |
| 332206 | Dks. No. 2.....        | Vancouver       | 1913 | North Vancouver, B. C.             | 69 3  | 30 0 | 7 5  | 142 | John F. Deeks, Vancouver, B. C.  |
| 440905 | Dollar I.....          | Vancouver       | 1918 | Rosslyn, B. C.                     | 94 4  | 35 9 | 7 5  | 216 | Canadian Robert Dollar Co., Ltd., 1112 Standard Bank Bldg., Vancouver, B. C. |
| 440221 | Dollar II.....         | Vancouver       | 1911 | New Westminster, B. C.             | 89 2  | 30 0 | 7 3  | 167 | Canadian Robert Dollar Co., Ltd., 1112 Standard Bank Bldg., Vancouver, B. C. |
| 441234 | Dollar IV.....         | Vancouver       | 1918 | Dollarton, B. C.                   | 95 2  | 36 7 | 7 1  | 214 | Canadian Robert Dollar Co., Ltd., 1112 Standard Bank Bldg., Vancouver, B. C. |
| 441327 | Dollar VI.....         | Vancouver       | 1919 | Dollarton, B. C.                   | 136 2 | 39 0 | 9 6  | 452 | Canadian Robert Dollar Co., Ltd., 1112 Standard Bank Bldg., Vancouver, B. C. |
| 441446 | Dollar VII.....        | Vancouver       | 1919 | Dollarton, B. C.                   | 96 4  | 36 0 | 7 3  | 214 | Canadian Robert Dollar Co., Ltd., 1112 Standard Bank Bldg., Vancouver, B. C. |
| 441448 | Dollar VIII.....       | Vancouver       | 1919 | Dollarton, B. C.                   | 107 0 | 36 0 | 8 4  | 235 | Canadian Robert Dollar Co., Ltd., 1112 Standard Bank Bldg., Vancouver, B. C. |
| 53927  | Dolly Morden.....      | Wallaceburg     | 1881 | Dresden, Ont.                      | 120 7 | 26 1 | 9 0  | 198 | G. H. Morrison, Oakville, Ont.   |
| 33448  | Dolphin.....           | Arichat         | 1861 | Checcamp, N. S.                    | 59 1  | 17 4 | 7 0  | 36  | A. J. Morrison, Gnyaboro, N. S.  |
| 165333 | Dolphin.....           | Arichat         | 1895 | Sheet Harbour, N. S.               | 47 7  | 14 0 | 6 0  | 31  | J. T. Thomson, Halifax, N. S.  |
| 167030 | Dolphin.....           | St. John, N. B. | 1880 | Salmon Bay, N. B.                  | 53 5  | 20 9 | 5 2  | 27  | Gideon Justason, Fennfield, N. B.  |
| 167701 | Dolphin.....           | Toronto         | 1900 | Pentacangushene, Ont.              | 46 0  | 30 0 | 2 6  | 27  | David Davidson, Pentacangushene, Ont.  |
| 226319 | Dombrio No. 1.....     | Montreal        | 1908 | Lachine, Que.                      | 123 1 | 50 3 | 9 4  | 352 | Dominion Barging Co., Ltd., Lachine, Que.                                    |
| 226952 | Dombrio No. 2.....     | Montreal        | 1909 | Lachine, Que.                      | 57 4  | 37 8 | 8 4  | 323 | Roger Miller & Co. (P. E. I.), Ltd., Adelaide St. E., Toronto, Ont.          |
| 220298 | Dombrio No. 4.....     | Montreal        | 1910 | Lachine, Que.                      | 100 0 | 37 6 | 6 0  | 183 | Dominion Barging Co., Ltd., Lachine, Que.                                    |
| 220333 | Dombrio No. 5.....     | Montreal        | 1911 | Lachine, Que.                      | 98 9  | 38 1 | 7 4  | 226 | Gilbert P. Faucher, Ottawa, Ont.   |
| 220510 | Dombrio No. 6.....     | Montreal        | 1911 | Lachine, Que.                      | 98 9  | 38 1 | 7 4  | 226 | Gilbert P. Faucher, Ottawa, Ont.   |
| 220510 | Dombrio No. 6.....     | Montreal        | 1900 | Chicoutimi, Ill., U. S. A.         | 138 1 | 81 8 | 6 2  | 234 | Dominion Coal Co., Ltd., Sydney, N. S.                                       |
| 116383 | Dominion.....          | Port Arthur     | 1905 | Port Arthur, Ont.                  | 114 0 | 43 5 | 12 0 | 351 | The Great Lakes Dredging & Contracting Co., Limited, Ottawa, Ont.            |
| 21987  | Dominion No. 1.....    | Victoria        | 1890 | Vancouver, B. C.                   | 72 0  | 23 0 | 6 0  | 47  | John J. Goodwin, Victoria, B. C.   |
| 22342  | Dominion No. 4.....    | St. John, N. B. | 1905 | Boston, Mass., U. S. A.            | 109 7 | 44 2 | 8 3  | 538 | The Minister of Railways and Canals, Ottawa, Ont.                            |
| 467700 | Don.....               | Toronto         | 1883 | Pentacangushene, Ont.              | 45 0  | 20 0 | 3 2  | 86  | David Davidson, Pentacangushene, Ont.  |
| 440204 | Don No. 2.....         | Vancouver       | 1912 | Vancouver, B. C.                   | 67 0  | 24 0 | 6 2  | 90  | John F. Deeks, Vancouver, B. C.  |
| 320253 | Don Persons.....       | Windsor, N. S.  | 1918 | Cheverie, N. S.                    | 154 1 | 54 2 | 12 4 | 427 | Don Persons, Ltd., 35 Bedford Row, Halifax, N. S.                            |
| 324237 | Don Persons.....       | Windsor, N. S.  | 1919 | Montreal, Que.                     | 120 2 | 51 8 | 11 5 | 225 | W. & T. Hollett, Barin, Nfld.  |
| 441461 | Donald I.....          | Shelburne       | 1914 | Shelburne, N. S.                   | 109 6 | 27 0 | 11 5 | 200 | W. & T. Hollett, Barin, Nfld.  |
| 334403 | Donald II.....         | Lunenburg       | 1914 | Shelburne, N. S.                   | 109 0 | 26 4 | 10 5 | 99  | Ellison Crosser, M. O., La Have, N. S.                                       |
| 338221 | Donald I. Cook.....    | Lunenburg       | 1918 | Lunenburg, N. S.                   | 112 9 | 26 3 | 10 5 | 100 | Wm. J. Cook, M. O., La Have, N. S.   |
| 320262 | Donald I. Silver.....  | Lunenburg       | 1911 | Lunenburg, N. S.                   | 105 6 | 25 8 | 10 5 | 94  | Samuel Shaw, Dartmouth, N. S.  |
| 441688 | Donald T.....          | Lunenburg       | 1920 | Dayspring, N. S.                   | 116 4 | 26 3 | 11 4 | 163 | Wm. Duff, Lunenburg, N. S.   |
| 112155 | Dora.....              | Chatham, N. B.  | 1901 | Miscou, N. B.                      | 31 0  | 11 3 | 4 5  | 10  | Scraphin Dorton, Miscou, N. B.   |
| 103948 | Dora C.....            | Chatham, N. B.  | 1899 | Carquet, N. B.                     | 37 3  | 12 9 | 5 0  | 12  | Robin Jones & Whitman, Ltd., Halifax, N. S.                                  |
| 330729 | Dora C.....            | Lunenburg       | 1911 | Little Tanook, N. S.               | 40 4  | 10 0 | 5 6  | 12  | Hugh Cleveland, Blanford, N. S.  |
| 100168 | Dora Steward.....      | Victoria        | 1891 | Lunenburg, N. S.                   | 81 1  | 24 4 | 9 3  | 94  | Andrew J. Bechtel, Victoria, B. C.   |
| 74280  | Dorechester.....       | Montreal        | 1876 | Quebec, Que.                       | 148 5 | 27 1 | 11 1 | 375 | The Atlas Sand Co., Ltd., 75 Common St., Montreal, Que.                      |
| 122053 | Dorie.....             | Chatham, N. B.  | 1906 | Shippagan Island, N. B.            | 35 0  | 12 3 | 4 4  | 10  | Fabien Chissou, (son of Fabien), Lamek, N. B.                                |
| 226847 | Dorilda.....           | Quebec          | 1910 | Petite Riviere, St. Francois, Que. | 82 3  | 24 5 | 7 3  | 68  | Wilfred Dufour, la Petite Riviere St. Francois, Que.                         |
| 103465 | Doris Hall.....        | Halifax         | 1866 | Casco, Me., U. S. A.               | 70 8  | 20 3 | 7 1  | 59  | David Anderson, Charlottetown, P. E. I.                                      |
| 137583 | Doris L. Corkum.....   | Lunenburg       | 1915 | Metroban, N. S.                    | 109 0 | 26 2 | 10 6 | 99  | Zwieker & Co., Ltd., et al., Lunenburg, N. S.                                |
| 111899 | Dorothy.....           | St. John, N. B. | 1905 | Metroban River, N. S.              | 62 0  | 19 4 | 6 6  | 49  | Wm. Hill, et al., Walton, N. S.  |
| 334406 | Dorothy Adams.....     | Lunenburg       | 1917 | Lunenburg, N. S.                   | 104 2 | 26 0 | 10 5 | 92  | Henry W. Adams, M. O., Lunenburg, N. S.                                      |
| 141060 | Dorothy Alesta.....    | Canso           | 1905 | White Haven, N. S.                 | 36 0  | 11 2 | 5 0  | 11  | Wesley Munroe, White Haven, N. S.  |
| 226112 | Dorothy G.....         | Lunenburg       | 1910 | Tanook, N. S.                      | 46 4  | 12 7 | 6 6  | 17  | John J. McKenzie, Canso, N. S.   |
| 226874 | Dorothy M. Stuart..... | Digby           | 1908 | Shelburne, N. S.                   | 90 0  | 22 9 | 9 9  | 93  | The Maritime Fish Corporation, Ltd., Montreal, Que.                          |
| 337572 | Dorothy P. Sarty.....  | Lunenburg       | 1915 | Shelburne, N. S.                   | 93 0  | 23 0 | 9 9  | 77  | Jacob W. Sarty, M. O., La Have, N. S.  |

\*Foreign name "Scow No. 2." †Formerly "D. F. Patchin."

ALPHABETICAL LIST of Sailing Vessels in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless—Muni de la T.S.F.—Abbreviations—Abréviations: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel | Name of Ship<br>Nom du navire | Port of Registry<br>Port d'enregistrement | Rig<br>Gréement | Build<br>Construction | Where Built<br>Lieu de construction | Length in feet and 10ths<br>Longueur en pieds et 10es | Breadth in feet and 10ths<br>Largeur en pieds et 10es | Depth in feet and 10ths<br>Profondeur en pieds et 10es | Registered Tonnage<br>Tonnage enregistré | Owner or Managing Owner, and Address<br>Armateur ou propriétaire gérant, et adresse |
|------------------------------------|-------------------------------|---|-----------------|-----------------------|-------------------------------------|---|---|--|--|---|
| 116540                             | Douglas Adams                 | Halifax                                   | Schr—Glt        | 1905                  | Lancburg, N.S.                      | 93 8  | 25 0  | 10 2   | 99                                       | Wm. Ashborn, Twillingate, Nfld.   |
| 134408                             | Douglas B. Conrod             | Lancburg                                  | Schr—Glt        | 1914                  | Shelburne, N.S.                     | 93 0  | 23 0  | 9 9  | 76                                       | Joseph E. Conrod, M.O., La Have, N.S.   |
| 141387                             | Douglas E. Parks              | La Have                                   | Schr—Glt        | 1919                  | East La Have, N.S.                  | 122 5   | 27 3  | 10 6   | 136                                      | Milledge J. Parks, M.O., La Have, N.S.  |
| 117145                             | Dove                          | Halifax                                   | Schr—Glt        | 1905                  | Peppiswick, N.S.                    | 35 0  | 11 5  | 4 8  | 16                                       | George M. Donaldson, Eastern Passage, N.S.  |
| 117022                             | Dove                          | Sydney, N.S.                              | Schr—Glt        | 1901                  | New Campbellton, N.S.               | 67 1  | 18 8  | 7 7  | 49                                       | Jas. T. Burchell, Port Morien, N.S., and Angus Campbell, Big Bras d'Or, N.S.        |
| 125070                             | Dragon Rouge                  | Toronto                                   | Dredge—Drauge   | 1908                  | Toronto, Ont.                       | 86 0  | 22 6  | 7 9  | 203                                      | John E. Russell, Toronto, Ont.  |
| 140867                             | Dreadin                       | Liverpool                                 | Schr—Glt        | 1918                  | Brooklyn, N.S.                      | 126 9   | 32 9  | 12 8   | 379                                      | Speer Shipping Co., Ltd., Montreal, Que.  |
| 92597                              | Dread Not                     | Sydney, N.S.                              | Schr—Glt        | 1888                  | Little Bras d'Or, N.S.              | 34 4  | 13 3  | 5 1  | 10                                       | Andrew Walsb, Little Bras d'Or, N.S.  |
| 116671                             | Dreadnaught                   | St. Andrews                               | Sloop           | 1896                  | Quaco, N.B.                         | 33 4  | 13 8  | 6 0  | 18                                       | Edson Green, Grand Manan, N.B.  |
| 74320                              | Dreadnaught                   | St. John, N.B.                            | Schr—Glt        | 1877                  | Richmond, N.S.                      | 46 6  | 16 0  | 5 5  | 20                                       | Clarence Irvin, Cornwallis, N.S.  |
| 74370                              | Dreadnaught                   | Halifax                                   | Schr—Glt        | 1877                  | Brule, N.S.                         | 51 0  | 17 0  | 6 3  | 25                                       | Reuben Smith, Cape Sable Island, N.S.   |
| 126701                             | Dredge Barnston               | New Westminster                           | Dredge—Drauge   | 1910                  | New Westminster, B.C.               | 60 0  | 20 0  | 4 7  | 52                                       | The Corporation of the Twp. of Richmond, B.C., Elburne, B.C.                        |
| 111972                             | Dredge Frank                  | Port Arthur                               | Dredge—Drauge   | 1892                  | Bay City, Mich., U.S.A.             | 78 5  | 28 0  | 7 0  | 151                                      | The Great Lakes Dredging and Contracting Co., Limited, Ottawa, Ont.                 |
| 107193                             | Dredge Hucock                 | Southampton                               | Dredge—Drauge   | 1897                  | Wharton, Ont.                       | 62 0  | 22 3  | 6 0  | 50                                       | C. M. Howman, et al., Southampton, Ont.   |
| 125974                             | Dredge Holland                | Toronto                                   | Dredge—Drauge   | 1906                  | Belle Ewart, Ont.                   | 63 7  | 29 0  | 5 0  | 230                                      | The Minister of Railways and Canals, Ottawa, Ont.                                   |
| 122174                             | Dredge No. 1                  | Port Arthur                               | Dredge—Drauge   | 1903                  | Port Arthur, Ont.                   | 65 0  | 24 0  | 8 0  | 176                                      | The Great Lakes Dredging and Contracting Co., Limited, Ottawa, Ont.                 |
| 117102                             | Dredge No. 2                  | Montreal                                  | Dredge—Drauge   | 1872                  | U.S.A.                              | 84 0  | 29 5  | 8 3  | 247                                      | Lazarus Cohen, Montreal, Que.   |
| 121847                             | Dredge No. 3                  | Toronto                                   | Dredge—Drauge   | 1872                  | Buffalo, N.Y., U.S.A.               | 75 2  | 24 0  | 6 0  | 103                                      | Fallon Bros., J.O., Cornwall, Ont.  |
| 107881                             | Dredge No. 4                  | Montreal                                  | Dredge—Drauge   | 1899                  | Levis, Que.                         | 90 0  | 36 1  | 9 3  | 436                                      | Montreal Light, Heat & Power Consolidated, 83 Craig St., Montreal, Que.             |
| 116242                             | Dredge No. 5                  | Sault Ste. Marie                          | Dredge—Drauge   | 1896                  | Buffalo, N.Y., U.S.A.               | 76 0  | 28 6  | 8 0  | 174                                      | The Soo Dredging & Construction Co., Ltd., Sault Ste. Marie, Ont.                   |
| 112010                             | Dredge No. 6                  | Port Arthur                               | Dredge—Drauge   | 1891                  | Duluth, Minn., U.S.A.               | 98 0  | 21 0  | 8 4  | 313                                      | The Great Lakes Dredging and Contracting Co., Limited, Ottawa, Ont.                 |
| 122173                             | Dredge No. 7                  | Port Arthur                               | Dredge—Drauge   | 1888                  | Duluth, Minn., U.S.A.               | 90 0  | 30 0  | 8 0  | 235                                      | Robert Weddell, et al., Trenton, Ont.   |
| 116381                             | Dredge No. 8                  | Port Arthur                               | Dredge—Drauge   | 1888                  | Duluth, Minn., U.S.A.               | 96 0  | 36 0  | 9 5  | 415                                      | The Great Lakes Dredging and Contracting Co., Limited, Ottawa, Ont.                 |
| 116241                             | Dredge No. 8                  | Sault Ste. Marie                          | Dredge—Drauge   | 1894                  | Buffalo, N.Y., U.S.A.               | 82 0  | 30 0  | 7 0  | 272                                      | The Soo Dredging & Construction Co., Ltd., Sault Ste. Marie, Ont.                   |
| 117040                             | Dredge No. 10                 | Sault Ste. Marie                          | Dredge—Drauge   | 1889                  | Saginaw, Mich., U.S.A.              | 92 0  | 32 5  | 7 0  | 354                                      | The C. S. Boone Dredging & Construction Co., Ltd., Toronto, Ont.                    |

SESSIONAL PAPER No. 22

| No.    | Name                    | Type          | Tonnage | Home Port                   | Agent | No.                         | Name  | Type  | Tonnage | Home Port | Agent   |
|--------|-------------------------|---------------|---------|-----------------------------|-------|-----------------------------|-------|-------|---------|-----------|---|
| 122431 | Dredge No. 14           | Dredge-Drague | 100 0   | Saginaw, Mich., U.S.A.      | 1891  | Saginaw, Mich., U.S.A.      | 100 0 | 34 6  | 8 0     | 352       | The C. S. Boone Dredging & Construction Co., Ltd., Toronto, Ont.          |
| 100310 | Dredge No. 15           | Dredge-Drague | 100 0   | Saginaw, Mich., U.S.A.      | 1891  | Saginaw, Mich., U.S.A.      | 100 0 | 34 4  | 9 5     | 174       | The Great Lakes Dredging and Contracting Co., Limited, Ottawa, Ont.       |
| 130896 | Dredge P. W. D. No. 301 | Dredge-Drague | 108 3   | New Westminster, B.C.       | 1908  | New Westminster, B.C.       | 108 3 | 38 2  | 10 4    | 538       | The Minister of Public Works, Ottawa, Ont.                                |
| 131269 | Dredge Primrose         | Dredge-Drague | 136 5   | Welland, Ont.               | 1915  | Welland, Ont.               | 136 5 | 42 0  | 10 1    | 767       | Canadian Dredging Co., Ltd., Midland, Ont.                                |
| 116269 | Dredge Simcoe           | Dredge-Drague | 141 5   | Beaverton, Ont.             | 1901  | Beaverton, Ont.             | 141 5 | 28 2  | 9 0     | 436       | The Hamilton Macdonald Co., Ltd., Toronto, Ont.                           |
| 134089 | Drill Boat Barrard      | Scow-Chd.     | 113 0   | North Vancouver, B.C.       | 1914  | North Vancouver, B.C.       | 113 0 | 30 0  | 7 8     | 526       | Loomis, McEwen, Henry & McDonald, Ltd., 885 Hastings St., Vancouver, B.C. |
| 126725 | Drill Boat No. 1        | Scow-Chd.     | 50 0    | Hastings, Ont.              | 1909  | Hastings, Ont.              | 50 0  | 20 0  | 4 0     | 51        | The Canadian Macdonald Co., Ltd., Toronto, Ont.                           |
| 126726 | Drill Boat No. 2        | Scow-Chd.     | 40 0    | Hastings, Ont.              | 1910  | Hastings, Ont.              | 40 0  | 16 0  | 2 0     | 53        | The Canadian Macdonald Co., Ltd., Toronto, Ont.                           |
| 130771 | Drill Boat No. 5        | Drill boat    | 127 5   | South Chicago, Ill., U.S.A. | 1907  | South Chicago, Ill., U.S.A. | 127 5 | 31 0  | 7 5     | 539       | The Soo Dredging & Construction Co., Ltd., Sault Ste. Marie, Ont.         |
| 137917 | Duc de la Marine        | Schr-Glt.     | 46 0    | Caranquet, N.B.             | 1915  | Caranquet, N.B.             | 46 0  | 14 7  | 6 8     | 29        | Omesque Paulin, Caranquet, N.B.   |
| 131113 | Duke of Connaught       | Dock Ship     | 600 6   | Barrow-in-Furness, G.B.     | 1912  | Barrow-in-Furness, G.B.     | 600 6 | 135 2 | 16 8    | 17,054    | Canadian Vickers, Ltd., 20 Bloor St., Montreal, Que.                      |
| 122968 | Duke of York            | Dredge-Drague | 74 5    | Montreal, Que.              | 1903  | Montreal, Que.              | 74 5  | 23 6  | 6 0     | 144       | W. J. Poirer, Montreal, Que.  |
| 112207 | Dundurn                 | Barge-Chd.    | 186 3   | Detroit, Mich., U.S.A.      | 1882  | Detroit, Mich., U.S.A.      | 186 3 | 30 3  | 12 0    | 472       | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.           |
| 102250 | Dunmore                 | Schr-Glt.     | 182 5   | Kingston, Ont.              | 1895  | Kingston, Ont.              | 182 5 | 34 9  | 11 9    | 590       | The Sibley & McNaughton Line, Ltd., 75 Common St., Montreal, Que.         |
| 141586 | Duquet                  | Scow-Chd.     | 30 0    | Montreal, Que.              | 1878  | Montreal, Que.              | 30 0  | 15 0  | 2 1     | 7         | Joseph R. Duquette, Cornwall, Ont.  |
| 75624  | Dwina                   | Schr-Glt.     | 70 0    | Port de Beaurivage, N.B.    | 1910  | Port de Beaurivage, N.B.    | 70 0  | 21 0  | 7 0     | 64        | Alex. C. Fraser, Rexton, N.B.   |
| 111826 | E. C. No. 1             | Scow-Chd.     | 79 3    | Vancouver, B.C.             | 1899  | Vancouver, B.C.             | 79 3  | 30 0  | 7 0     | 143       | Edward Cook, Vancouver, B.C.  |
| 112240 | E. C. No. 2             | Scow-Chd.     | 75 0    | Vancouver, B.C.             | 1900  | Vancouver, B.C.             | 75 0  | 25 0  | 6 6     | 105       | Edward Cook, Vancouver, B.C.  |
| 112251 | E. C. No. 3             | Scow-Chd.     | 47 3    | Vancouver, B.C.             | 1900  | Vancouver, B.C.             | 47 3  | 28 5  | 6 8     | 161       | Evans, Coleman & Evans, Limited, Vancouver, B.C.                          |
| 120635 | E. C. No. 4             | Scow-Chd.     | 52 2    | Vancouver, B.C.             | 1908  | Vancouver, B.C.             | 52 2  | 24 0  | 6 0     | 68        | Evans, Coleman & Evans, Limited, Vancouver, B.C.                          |
| 141447 | E. C. No. 5             | Scow-Chd.     | 87 6    | Vancouver, B.C.             | 1902  | Vancouver, B.C.             | 87 6  | 28 5  | 6 8     | 149       | Evans, Coleman & Evans, Limited, Vancouver, B.C.                          |
| 112252 | E. C. No. 6             | Scow-Chd.     | 87 6    | Vancouver, B.C.             | 1902  | Vancouver, B.C.             | 87 6  | 28 5  | 6 8     | 142       | Evans, Coleman & Evans, Limited, Vancouver, B.C.                          |
| 112253 | E. C. No. 7             | Scow-Chd.     | 77 5    | Vancouver, B.C.             | 1902  | Vancouver, B.C.             | 77 5  | 27 0  | 7 3     | 153       | Evans, Coleman & Evans, Limited, Vancouver, B.C.                          |
| 120633 | E. C. No. 8             | Scow-Chd.     | 78 0    | Vancouver, B.C.             | 1907  | Vancouver, B.C.             | 78 0  | 28 5  | 6 9     | 150       | Evans, Coleman & Evans, Limited, Vancouver, B.C.                          |
| 120857 | E. C. No. 9             | Scow-Chd.     | 78 0    | Vancouver, B.C.             | 1906  | Vancouver, B.C.             | 78 0  | 29 0  | 7 7     | 150       | Evans, Coleman & Evans, Limited, Vancouver, B.C.                          |
| 120218 | E. C. No. 10            | Scow-Chd.     | 78 5    | Vancouver, B.C.             | 1910  | Vancouver, B.C.             | 78 5  | 30 0  | 7 5     | 157       | Evans, Coleman & Evans, Limited, Vancouver, B.C.                          |
| 130756 | E. C. No. 11            | Scow-Chd.     | 83 3    | Vancouver, B.C.             | 1911  | Vancouver, B.C.             | 83 3  | 29 9  | 8 2     | 185       | Evans, Coleman & Evans, Limited, Vancouver, B.C.                          |
| 130794 | E. C. No. 12            | Scow-Chd.     | 83 3    | Vancouver, B.C.             | 1911  | Vancouver, B.C.             | 83 3  | 29 8  | 8 2     | 185       | Evans, Coleman & Evans, Limited, Vancouver, B.C.                          |
| 131254 | E. C. No. 13            | Scow-Chd.     | 80 0    | Vancouver, B.C.             | 1913  | Vancouver, B.C.             | 80 0  | 24 6  | 5 3     | 24        | Evans, Coleman & Evans, Limited, Vancouver, B.C.                          |
| 132225 | E. C. No. 14            | Scow-Chd.     | 53 4    | Montreal, Que.              | 1913  | Montreal, Que.              | 53 4  | 15 0  | 3 9     | 84        | Arthur Lafosse and Verdun Belanger, J.O., Lachine, Que.                   |
| 102303 | E. C. No. 15            | Scow-Chd.     | 53 4    | Montreal, Que.              | 1913  | Montreal, Que.              | 53 4  | 15 0  | 3 9     | 84        | Mrs. Narcisse Paul, Verdun, Que.  |
| 102304 | E. C. No. 16            | Scow-Chd.     | 76 6    | Essex, Mass., U.S.A.        | 1864  | Essex, Mass., U.S.A.        | 76 6  | 21 5  | 7 3     | 143       | H. J. Marsom, St. John, N.B.  |
| 82329  | E. H. Sabden            | Schr-Glt.     | 121 8   | Liverpool, N.S.             | 1901  | Liverpool, N.S.             | 121 8 | 30 2  | 11 1    | 249       | Edward G. Scott, Mobile, Alban., U.S.A.                                   |
| 82330  | E. H. St. John, N.B.    | Schr-Glt.     | 44 6    | St. John, N.B.              | 1883  | St. John, N.B.              | 44 6  | 14 3  | 5 9     | 19        | Percy Foot, et al., Beaver Harbour, N.B.                                  |
| 82331  | E. H. St. John, N.B.    | Schr-Glt.     | 48 2    | St. John, N.B.              | 1883  | St. John, N.B.              | 48 2  | 14 3  | 8 8     | 96        | Leslie Murray, Port Richmond, N.S.  |
| 141601 | E. H. Marwin            | Schr-Glt.     | 126 2   | Kennebunk, Me., U.S.A.      | 1884  | Kennebunk, Me., U.S.A.      | 126 2 | 30 9  | 11 2    | 330       | Howard G. Corkum, M.O., Lunenburg, N.S.                                   |
| 141602 | E. H. Marwin            | Schr-Glt.     | 126 2   | Kennebunk, Me., U.S.A.      | 1884  | Kennebunk, Me., U.S.A.      | 126 2 | 30 9  | 11 2    | 330       | Howard G. Corkum, M.O., Lunenburg, N.S.                                   |
| 107294 | E. C. Adams             | Schr-Glt.     | 27 5    | Bridgewater, N.S.           | 1910  | Bridgewater, N.S.           | 27 5  | 10 6  | 4 1     | 10        | Wm. Crickshank, New Westminster, B.C.                                     |
| 107295 | E. C. Ward              | Schr-Glt.     | 46 2    | Port Harvey, Wash., U.S.A.  | 1896  | Port Harvey, Wash., U.S.A.  | 46 2  | 17 1  | 6 5     | 40        | Wm. Crickshank, New Westminster, B.C.                                     |
| 123674 | E. D. Conrad            | Schr-Glt.     | 60 0    | Malone Bay, N.S.            | 1913  | Malone Bay, N.S.            | 60 0  | 17 1  | 6 5     | 40        | Wm. Crickshank, New Westminster, B.C.                                     |
| 127604 | E. D. Myers             | Schr-Glt.     | 60 0    | Malone Bay, N.S.            | 1913  | Malone Bay, N.S.            | 60 0  | 19 8  | 7 6     | 43        | Hubert S. Munn, Murray River, P.E.I.                                      |
| 116277 | E. G. Catharines        | Barge-Chd.    | 96 0    | La Have, N.S.               | 1878  | La Have, N.S.               | 96 0  | 18 0  | 5 6     | 113       | Stephen Bradley, Toronto, Ont.  |
| 116278 | E. G. Catharines        | Barge-Chd.    | 133 6   | Port Dalhousie, Ont.        | 1881  | Port Dalhousie, Ont.        | 133 6 | 22 2  | 10 7    | 286       | Robt. Crawford, Kingston, Ont.  |
| 141132 | E. L. Catharines        | Schr-Glt.     | 169 0   | St. John, N.B.              | 1918  | St. John, N.B.              | 169 0 | 37 4  | 13 2    | 591       | Canada Navigation Co., Ltd., Comeauville, N.S.                            |
| 50373  | E. M. O'Leary           | Schr-Glt.     | 37 2    | Beck Bay, N.B.              | 1876  | Beck Bay, N.B.              | 37 2  | 14 0  | 6 0     | 14        | Mrs. Annie Harkins, Dipper Harbour, N.B.                                  |
| 116506 | E. M. Zellers           | Schr-Glt.     | 82 5    | Lunenburg, N.S.             | 1903  | Lunenburg, N.S.             | 82 5  | 24 0  | 9 0     | 84        | Horace V. Myers, Kingston, Jamaica, B.W.I.                                |
| 141571 | E. P. Theriault         | Schr-Glt.     | 140 0   | Belliveau's Cove, N.S.      | 1919  | Belliveau's Cove, N.S.      | 140 0 | 32 2  | 11 5    | 369       | The Theriault Shipbuilding Co., Limited, Belliveau's Cove, N.S.           |
| 130643 | E. R. Bremner           | Barge-Chd.    | 113 0   | Hull, Que.                  | 1912  | Hull, Que.                  | 113 0 | 24 2  | 7 8     | 179       | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                         |

\*Foreign name "Mollie Adams."

\*A recovered wreck. \*Formerly str. "Tere Marquette II."

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.  
 © Equipped with Wireless—Muni de la T.S.F.—Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship<br>Nom du navire. | Port of Registry<br>Port d'enregistrement. | Rig.<br>Gréement. | Build.<br>Constructeur. | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Targeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|--------------------------------|--|-------------------|-------------------------|---------------------------------------|---|---|---|--|---|
| 126141                              | E. Daneau.....                 | Sorel.....                                 | Sloop.....        | 1908.....               | Pierreville, Que.....                 | 10 7  | 23 1  | 6 9   | 127  | Emile Charland, Montreal, Que.  |
| 103739                              | E. Mayfield.....               | Parsboro.....                              | Schr—Glt.....     | 1898.....               | Parsboro, N.S.....                    | 70 7  | 22 3  | 7 3   | 75   | Wm. U. Hawes, PARSBORO, N.S.  |
| 97192                               | Eagle.....                     | Chatham, N.B.....                          | Schr—Glt.....     | 1891.....               | Tracadie, N.B.....                    | 48 6  | 17 1  | 5 8   | 29   | M. S. Stewart, Neguac, N.B.   |
| 100998                              | Eagle.....                     | Chatham, N.B.....                          | Schr—Glt.....     | 1892.....               | Shippigan, N.B.....                   | 33 0  | 12 5  | 4 4   | 10   | T. Abner, Shippigan, N.B.   |
| 122009                              | Earl Grey.....                 | Lunenburg.....                             | Schr—Glt.....     | 1907.....               | Lunenburg, N.S.....                   | 94 2  | 24 7  | 10 2  | 96   | M. G. Winter, St. John's, Nfld.   |
| 122010                              | Echo.....                      | Toronto.....                               | Schr—Glt.....     | 1869.....               | Toronto, Ont.....                     | 69 0  | 14 4  | 5 7   | 50   | Patrick J. Mesberry, Toronto, Ont.  |
| 121791                              | Eddie C.....                   | Yarmouth.....                              | Sloop.....        | 1905.....               | Port Clyde, N.S.....                  | 30 0  | 11 0  | 6 0   | 10   | Joseph R. Homer, Barrington Passage, N.S.   |
| 116205                              | Eddie James.....               | Yarmouth.....                              | Schr—Glt.....     | 1903.....               | Sheburne, N.S.....                    | 78 0  | 22 6  | 9 0   | 79   | Henry A. Amiro, Yarmouth, N.S.  |
| 121800                              | Edessa.....                    | Yarmouth.....                              | Sloop.....        | 1905.....               | Sheburne, N.S.....                    | 38 0  | 12 2  | 6 0   | 15   | I. B. Clements, Yarmouth, N.S.  |
| 134344                              | Edgar B.....                   | Montreal.....                              | Scow—Chd.....     | 1905.....               | Cardinal, Ont.....                    | 75 2  | 20 5  | 4 2   | 168  | The Minister of Public Works, Ottawa, Ont.  |
| 140956                              | Edgewood.....                  | Montreal.....                              | Schr—Glt.....     | 1918.....               | Quebec, Que.....                      | 191 1   | 36 8  | 15 5  | 689  | Edgewood Shipping Co., Ltd., 219 Board of Trade Bldg., Montreal, Que.                 |
| 96876                               | Edith.....                     | Halifax.....                               | Sloop.....        | 1892.....               | Sable River, N.S.....                 | 51 0  | 17 0  | 7 4   | 40   | E. J. Walker, Walkerville, N.S.   |
| 96865                               | Edith.....                     | Prescott.....                              | Barge—Chd.....    | 1897.....               | Toronto, Ont.....                     | 130 0   | 27 0  | 11 0  | 353  | The Canada Sugar Refining Co., Ltd., Montreal, Que.                                   |
| 130585                              | Edith Adele.....               | Halifax.....                               | Schr—Glt.....     | 1912.....               | Tancook, N.S.....                     | 52 6  | 14 6  | 7 6   | 33   | Trasker Cook, St. John's, Nfld.   |
| 141044                              | Edith Dawson.....              | Lunenburg.....                             | Schr—Glt.....     | 1918.....               | Bridgewater, N.S.....                 | 44 6  | 33 0  | 12 1  | 446  | Bridgewater Shipping Co. Ltd. et al., Bridgewater, N.S.                               |
| 116528                              | Edith P. S.....                | Yarmouth.....                              | Schr—Glt.....     | 1905.....               | La Have, N.B.....                     | 69 4  | 21 8  | 8 5   | 67   | R. Cyril Smith, et al., Halifax, N.S.   |
| 150244                              | Edith Helen Verge.....         | Halifax.....                               | Schr—Glt.....     | 1920.....               | Sweet Harbour, N.S.....               | 83 2  | 21 5  | 8 5   | 89   | Howard G. Verge, M.O., Sober Isld., N.S.  |
| 53983                               | Edith L.....                   | Digby.....                                 | Schr—Glt.....     | 1883.....               | Westport, N.S.....                    | 46 6  | 13 0  | 5 2   | 16   | R. W. Ford, Westport, N.S.  |
| 112280                              | Edith L.....                   | Digby.....                                 | Schr—Glt.....     | 1902.....               | Port Maitland, N.S.....               | 46 6  | 13 0  | 5 0   | 26   | Maynard Young, West Dover, N.S.   |
| 133200                              | Edith M.....                   | Quebec.....                                | Schr—Glt.....     | 1885.....               | Argyle, N.S.....                      | 48 0  | 15 0  | 5 3   | 20   | Zool Jomphe, Seven Islands, Que.  |
| 138202                              | Edith M. Cavell.....           | Sheburne.....                              | Schr—Glt.....     | 1916.....               | Sheburne, N.S.....                    | 107 2   | 26 2  | 10 4  | 134  | Geo. Penny, Ramet, Nfld., M.O.  |
| 138807                              | Edith Belliveau.....           | Weymouth.....                              | Schr—Glt.....     | 1916.....               | Belleveuve's Cove, N.S.....           | 122 0   | 30 3  | 10 2  | 238  | Benjamin Belliveau, et al., Belleveuve's Cove, N.S.                                   |
| 121828                              | Edmond.....                    | Montreal.....                              | Sloop.....        | 1906.....               | Pierreville, L'Annapolis, Q.....      | 101 8   | 23 0  | 6 3   | 102  | Theophile Charland, St. Jean Deschallons, Que.  |
| 61006                               | Edmund Russell.....            | Arichat.....                               | Schr—Glt.....     | 1912.....               | St. Jean Deschallons, Q.....          | 47 0  | 15 6  | 6 0   | 28   | William F. Harris, Cheticamp, N.S.  |
| 96864                               | Edna.....                      | Quebec.....                                | Barge—Chd.....    | 1871.....               | Isaac's Harbour, N.S.....             | 129 4   | 28 0  | 11 2  | 369  | William Q. Stobo, Quebec, Que.  |
| 107075                              | Edna.....                      | St. John, N.B.....                         | Sloop.....        | 1898.....               | St. John, N.B.....                    | 21 8  | 7 0   | 2 3   | 3  | W. H. Melnyre, St. John, N.B.   |
| 107076                              | Edna Belle.....                | St. Andrews.....                           | Sloop.....        | 1900.....               | West Isles, N.B.....                  | 35 0  | 12 7  | 3 2   | 14   | Walter Clancy, Grand Manan, N.B.  |
| 129311                              | Edna H.....                    | Valfax.....                                | Schr—Glt.....     | 1900.....               | Tancook, N.S.....                     | 47 0  | 12 9  | 6 2   | 17   | Chas. A. Mosher, Canso, N.S.  |
| 129578                              | Edna M.....                    | Yarmouth.....                              | Sloop.....        | 1907.....               | Shag Harbour, N.S.....                | 34 0  | 10 3  | 6 0   | 11   | William J. Halliday, Shag Harbour, N.S.   |
| 112228                              | Edna M. Smith.....             | St. John, N.B.....                         | Skr—Bd.....       | 1903.....               | Harvey Bank, N.B.....                 | 104 9   | 35 1  | 18 0  | 736  | John N. Smith, et al., Lower Coverdale, N.B.  |
| 116400                              | Edna M. Stacey.....            | Parsboro.....                              | Schr—Glt.....     | 1907.....               | Parsboro, N.S.....                    | 64 3  | 22 0  | 6 8   | 82   | Stanley W. Woods, PARSBORO, N.S.  |
| 112003                              | Edna V. Piekels.....           | Annapolis Royal.....                       | Schr—Glt.....     | 1903.....               | Salmon River, N.S.....                | 134 5   | 33 0  | 12 0  | 389  | Lester A. Boudon, et al., Mohale, Ala., U.S.A.  |

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| 131112 | Edouard D.               | Montreal.         | Sloop.        | 1903 | Noire Dame de Pierreville, Que. | 21 4  | 5 4  | 193 | George Descheneaux, Notre Dame de Pierreville, Que.                 |
|--------|--------------------------|-------------------|---------------|------|---------------------------------|-------|------|-----|---|
| 117103 | Edson Fitch.             | Ottawa.           | Barge—Chd.    | 1904 | Hull, Que.                      | 21 0  | 7 9  | 171 | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                   |
| 126636 | Edward I.                | Quebec.           | Scow—Chd.     | 1906 | Toronto, Ont.                   | 103 0 | 7 6  | 193 | La Compagnie Générale du Port de Chicoutimi, Chicoutimi, Que.       |
| 126937 | Edward H.                | Quebec.           | Scow—Chd.     | 1906 | Toronto, Ont.                   | 103 0 | 7 6  | 193 | La Compagnie Générale du Port de Chicoutimi, Chicoutimi, Que.       |
| 126938 | Edward III.              | Quebec.           | Scow—Chd.     | 1906 | Toronto, Ont.                   | 103 0 | 7 6  | 193 | La Compagnie Générale du Port de Chicoutimi, Chicoutimi, Que.       |
| 126939 | Edward IV.               | Quebec.           | Scow—Chd.     | 1906 | Toronto, Ont.                   | 103 0 | 7 6  | 193 | La Compagnie Générale du Port de Chicoutimi, Chicoutimi, Que.       |
| 126940 | Edward V.                | Quebec.           | Scow—Chd.     | 1906 | Toronto, Ont.                   | 103 0 | 7 6  | 193 | La Compagnie Générale du Port de Chicoutimi, Chicoutimi, Que.       |
| 131011 | Edward VI.               | Quebec.           | Scow—Chd.     | 1906 | Toronto, Ont.                   | 103 0 | 7 6  | 193 | La Compagnie Générale du Port de Chicoutimi, Chicoutimi, Que.       |
| 141520 | Edward A. Cohan.         | Parrsboro.        | Schr—Glt.     | 1919 | Reyton, N.B.                    | 171 2 | 37 4 | 537 | John H. Solery, Toronto, Ont.                                       |
| 107654 | Edward Grover.           | Lunenburg.        | Schr—Glt.     | 1874 | Essex, Mass., U.S.A.            | 79 6  | 7 8  | 69  | Wilson Bennett, Channah, Nfld.                                      |
| 303990 | E. J. McWilliams.        | Amblerburg.       | Barge—Chd.    | 1853 | Bay City, Mich., U.S.A.         | 209 1 | 34 0 | 664 | Algonia Dredging Co., Ltd., Sault Ste. Marie, Que.                  |
| 328517 | Edward Monk.             | Quebec.           | Barge—Chd.    | 1900 | North Bay, N.Y., U.S.A.         | 96 0  | 7 0  | 97  | Ango & Son, Ltd., 132 St. Peter St., Quebec, Que.                   |
| 103114 | Edward Morse.            | St. Andrews.      | Schr—Glt.     | 1888 | Friendship, Mass., U.S.A.       | 55 0  | 6 3  | 32  | Louis F. Backhouse, Westport, N.S.                                  |
| 342334 | Edward Q.                | Montreal.         | Scow—Chd.     | 1913 | Montreal, Que.                  | 99 7  | 17 6 | 145 | The Minister of Public Works, Ottawa, Ont.                          |
| 71181  | Edward S. Felt.          | Charlottetown.    | Schr—Glt.     | 1877 | Petite Riviere, N.S.            | 68 5  | 8 2  | 68  | Donald Ferguson, et al., Hampton, P.E.I.                            |
| 104545 | Edward S. Pease.         | Owen Sound.       | Barge—Chd.    | 1877 | U.S.A.                          | 169 0 | 25 6 | 338 | The Crawford Tug Co., Ltd., Wharfedale, Ont.                        |
| 117033 | Edwards Bros. No. 3      | Sault Ste. Marie. | Dredge—Dragee | 1902 | Sault Ste. Marie, Mich., U.S.A. | 63 0  | 22 0 | 202 | Soo Dredging & Towing Co., Ltd., Sault Ste. Marie, Ont.             |
| 141372 | Edwin S. Coleman.        | Montreal          | Lighter       | 1919 | Sorel, Qué.                     | 130 0 | 27 1 | 278 | Saint Maurice Paper Co., Ltd., 42 St. Sacerment St., Montreal, Que. |
| 97080  | Edwin A. Grozier.        | Magdalen Island.  | Schr—Glt.     | 1862 | Essex, Mass., U.S.A.            | 68 0  | 20 8 | 7 4 | Frank W. Leslie, Grindstone, M.I., Que.                             |
| 103789 | Effie B. Nickerson.      | Shedburne.        | Sloop         | 1898 | Port Elgin, N.B.                | 44 0  | 17 0 | 62  | Ernest D. Morehouse, Sandy Cove, N.S.                               |
| 114425 | Effie Howard.            | Halifax.          | Schr—Glt.     | 1902 | Sheet Harbour, N.S.             | 58 0  | 14 6 | 24  | James Debbon, Port aux Bras, Nfld.                                  |
| 94670  | Effie J. Agnew.          | Charlottetown.    | Schr—Glt.     | 1911 | Pugwash, N.S.                   | 53 5  | 17 0 | 36  | John Agnew, Alberton, P.E.I.  |
| 100875 | Effie Maud.              | St. John, N.B.    | Schr—Glt.     | 1889 | St. Mary's, N.S.                | 62 1  | 22 0 | 62  | Harry Woods, Parrsboro, N.S.  |
| 107795 | Effie May.               | Lunenburg.        | Schr—Glt.     | 1893 | Newcastle, N.B.                 | 69 9  | 24 5 | 67  | David Oliver, et al., Waterborough, N.B.                            |
| 121866 | Eldora.                  | Lunenburg.        | Schr—Glt.     | 1906 | Cumberland Bay, N.B.            | 76 6  | 22 6 | 9 0 | F. J., R. P., and S. Poirier, J.O., D'Escoisse, N.S.                |
| 121099 | Electro.                 | Lunenburg.        | Schr—Glt.     | 1902 | La Have, N.S.                   | 80 0  | 25 2 | 88  | Jos. P. Lantoune, Caraquet, N.B.                                    |
| 107150 | Electron.                | Vancouver.        | Scow—Chd.     | 1902 | Victoria, B.C.                  | 72 8  | 20 2 | 64  | A. R. Bissett and L. Rogers, Vancouver, B.C.                        |
| 116605 | Elevator Dredge Premier. | Montreal.         | Dredge—Dragee | 1905 | Montreal, Que.                  | 86 0  | 31 5 | 177 | Harbour Commissioners of Montreal, Montreal, Que.                   |
| 126251 | Elin.                    | Chatham, N.B.     | Schr—Glt.     | 1898 | Escommac, N.B.                  | 32 3  | 10 8 | 11  | Peter Richard, Escommac, N.B.                                       |
| 116979 | Elie Anne.               | Chatham, N.B.     | Schr—Glt.     | 1905 | Caraquet, N.B.                  | 40 0  | 13 2 | 17  | Joseph Dorion (son of Jules), Caraquet, N.B.                        |
| 92465  | Elisla Crowell.          | Halifax.          | Schr—Glt.     | 1866 | Essex, Mass., U.S.A.            | 72 5  | 23 0 | 69  | S. R. Griffin, Isaac's Harbour, N.S.                                |
| 103590 | Eliza.                   | Chatham, N.B.     | Schr—Glt.     | 1896 | Caraquet, N.B.                  | 38 0  | 13 1 | 13  | Majorieke Doiron, Caraquet, N.B.                                    |
| 100293 | Eliza.                   | Chatham, N.B.     | Schr—Glt.     | 1891 | Shipigan, N.B.                  | 37 6  | 13 6 | 15  | Mrs. Sarah Young and F. T. B. Young, J.O., Caraquet, N.B.           |
| 71138  | Eliza Allau.             | Port Dover.       | Schr—Glt.     | 1875 | Port Dover, Ont.                | 84 6  | 21 1 | 110 | Ed. Harris, Port Dover, Ont.  |
| 103536 | Eliza C.                 | Halifax.          | Schr—Glt.     | 1896 | Chezzetcook, N.S.               | 45 4  | 14 6 | 17  | Dennis and William Rielhards, East Chezzetcook, N.S.                |
| .....  | Eliza Fisher.            | Port Hope.        | Schr—Glt.     | 1867 | Portsmouth, U.S.A.              | 94 2  | 24 0 | 137 | R. C. Smith, Port Hope, Ont.  |
| 90557  | Eliza White.             | Kingston.         | Schr—Glt.     | 1887 | Port Burwell, Ont.              | 93 0  | 23 3 | 106 | P. McManus, Pictou, Ont.  |
| 111322 | Elizabeth.               | Digby.            | Sloop         | 1900 | Quebecville, N.S.               | 36 5  | 14 0 | 7 0 | E. C. Conner, et al., Conceptionville, N.S.                         |
| 126807 | Elizabeth D.             | Yarmouth.         | Schr—Glt.     | 1911 | Medeghan, N.S.                  | 83 0  | 22 0 | 11  | L. C. Crowell, et al., J.O., Port-la-Tour, N.S.                     |
| 131213 | Elizabeth Donovon.       | Sydney, N.S.      | Schr—Glt.     | 1912 | Ingonish, N.S.                  | 41 0  | 12 6 | 11  | William T. Donovon, Ingonish, N.S.                                  |
| 88503  | Elizabeth Nash.          | Sydney, N.S.      | Schr—Glt.     | 1883 | George's River, N.S.            | 50 0  | 7 0  | 36  | H. H. Christie, Little Bras d'Or, N.S.                              |
| 116872 | Ella M.                  | St. Catharines.   | Dredge—Dragee | 1904 | Weldand, Ont.                   | 100 0 | 37 0 | 384 | Shannon Bros. Co., Ltd., 80 Commerce Bldg., Montreal, Que.          |
| 90712  | Ella May.                | Halifax.          | Schr—Glt.     | 1885 | Wester, N.S.                    | 40 2  | 14 1 | 19  | Chas. Cook, Isaac's Harbour, N.S.                                   |
| 103328 | Ella May.                | Port Hawkesbury.  | Schr—Glt.     | 1900 | Sleep Creek, N.S.               | 54 0  | 14 8 | 34  | Hubbart Carr, Sleep Creek, N.S.                                     |

<sup>1</sup>Formerly a steamer.

<sup>2</sup>Recovered wreck.

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.  
 © Equipped with Wireless—Muni de la T.S.F.—Abcécédaires—Abrégés: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel | Name of Ship.<br>Nom du navire | Port of Registry.<br>Port d'inscription | Rig.<br>Gréement | Build<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|------------------------------------|--------------------------------|---|------------------|-----------------------|---------------------------------------|---|---|--|--|---|
| 90756                              | Ellen Muir                     | Halifax                                 | Schr—Glt         | 1887                  | Madame Bay, N.S.                      | 10.4  | 13.9  | 6.0  | 16   | Richard Drew, Terrace Bay, N.S.   |
| 74074                              | Elie                           | Halifax                                 | Schr—Glt         | 1876                  | West Dublin, N.S.                     | 81.0  | 24.0  | 7.8  | 96   | The Port Royal Coal Co., Ltd., Halifax, N.S.  |
| 85465                              | Elmire                         | Quebec                                  | Schr—Glt         | 1883                  | Aspe St., Jean, Que.                  | 57.6  | 20.0  | 7.8  | 49   | Louis Lessard, Quebec, Que.   |
| 100189                             | Elsie                          | Montreal                                | Sloop            | 1889                  | Woburn, Mass., U.S.A.                 | 30.1  | 6.8   | 1.9  | 1  | Robt. C. Nelles, Montreal, Que.   |
| 82245                              | Elsie II                       | Windsor, N.S.                           | Schr—Glt         | 1881                  | Parsboro', N.S.                       | 31.9  | 13.4  | 4.9  | 10   | An Lew Miller, St. John, N.B.   |
| 141413                             | Elsie F.                       | Lambton                                 | Schr—Glt         | 1910                  | Essex, Mass., U.S.A.                  | 106.5   | 22.0  | 8.4  | 98   | W. C. Smith & Co., Ltd., et al., Lunenburg, N.S.                                      |
| 111633                             | Elsie M.                       | Barrington Passage                      | Schr—Glt         | 1900                  | Chester Basin, N.S.                   | 60.2  | 20.6  | 8.4  | 62   | William A. Corkum, M.O., Port La Tour, N.S.   |
| 134104                             | Elva                           | Lunenburg                               | Schr—Glt         | 1914                  | Lunenburg, N.S.                       | 105.0   | 26.3  | 10.4   | 96   | Ed. A. Murphy, Shelburne, N.S.  |
| 103785                             | Elva Belle                     | Shelburne                               | Schr—Glt         | 1897                  | Shelburne, N.S.                       | 48.0  | 11.0  | 6.0  | 19   | Melvin McKenzie, et al., Leekpoint, N.S.  |
| 122470                             | Enclia                         | Yarmouth                                | Sloop            | 1906                  | Clyde, N.S.                           | 32.0  | 11.2  | 5.0  | 11   | J. E. Duggell, Mistake, Que.  |
| 80729                              | Enclia                         | Quebec                                  | Schr—Glt         | 1880                  | St. Irene, Que.                       | 34.5  | 16.5  | 5.9  | 25   | Lucien Singalet, Les Escoumains, Que.   |
| 58819                              | Enclia                         | Quebec                                  | Schr—Glt         | 1864                  | Lothbriec, Que.                       | 63.8  | 20.0  | 6.5  | 47   | Théophile Noël, Lunenburg, N.B.   |
| 130986                             | Emerence                       | Charlton, N.B.                          | Schr—Glt         | 1912                  | Lunenburg, N.B.                       | 37.6  | 13.5  | 6.0  | 17   | H. V. Myers, Kingston, Jamaica, and Alf. S. Foster, Lacey, Jamaica, J.O.              |
| 116446                             | Emerson Faye                   | Digby                                   | Schr—Glt         | 1904                  | Shelburne, N.S.                       | 56.0  | 18.4  | 7.8  | 47   | P. Paul, St. Pierre de Sorel, Que.  |
| 88293                              | Emory                          | Quebec                                  | Barge—Ch'd       |                       | St. Ours, Que.                        | 99.5  | 21.8  | 6.5  | 97   | Emilien Vezina, Isle aux Grues, Que.  |
| 103160                             | Emile Vezina                   | Quebec                                  | Sloop            | 1884                  | Isle aux Grues, Que.                  | 53.2  | 19.6  | 6.4  | 34   | Patrick Blamhard, Caraquet, N.B.  |
| 137913                             | Emile Blamhard                 | Charlton, N.B.                          | Schr—Glt         | 1915                  | Lewer Caraquet, N.B.                  | 34.5  | 14.2  | 4.5  | 23   | Jos. F. Seelye, Charnot, Nfld.  |
| 122584                             | Emilien Burke                  | Charlottetown                           | Schr—Glt         | 1909                  | Yarmouth, N.S.                        | 81.0  | 22.4  | 9.5  | 80   | Harold J. Walter, et al., St. Martins, N.B.   |
| 111680                             | Emily                          | Parsboro'                               | Schr—Glt         | 1902                  | Spencer's Island, N.S.                | 64.6  | 23.1  | 6.5  | 59   | N. Comeau, Meteghan, N.S.   |
| 121657                             | Emily C.                       | Yarmouth                                | Sloop            | 1903                  | Meteghan, N.S.                        | 33.0  | 10.0  | 6.0  | 11   | John Luce, Lunenburg, N.B.  |
| 134009                             | Emily J.                       | Charlton, N.B.                          | Schr—Glt         | 1914                  | Lunenburg, N.B.                       | 11.5  | 14.1  | 3.5  | 18   | John P. Ryan, Halifax, N.S.   |
| 103492                             | Emily L.                       | Lunenburg                               | Schr—Glt         | 1895                  | Madame Bay, N.S.                      | 35.8  | 11.2  | 4.5  | 15   | Sydney Des Brisay, Petit Rocher, N.B.   |
| 92585                              | Emma                           | Gaspé                                   | Schr—Glt         | 1890                  | Sydenham, Que.                        | 39.5  | 13.4  | 5.0  | 13   | Jos. Bilodeau, Berthier, Que.   |
| 102988                             | Emma                           | Quebec                                  | Schr—Glt         | 1877                  | Berthier, Que.                        | 36.0  | 15.3  | 5.0  | 19   | Walter Calder, Campbellton, N.B.  |
| 92516                              | Emma                           | St. Andrews                             | Schr—Glt         | 1873                  | St. Mass., U.S.A.                     | 47.0  | 15.3  | 5.0  | 22   | Walter S. Ross, Cape Island, N.S.   |
| 121884                             | Emma B.                        | Yarmouth                                | Sloop            | 1905                  | Cape Island, N.S.                     | 31.0  | 10.6  | 6.0  | 10   | P. Fougere, Harbord au Bouche, N.S.   |
| 103542                             | Emma Brow                      | Yarmouth                                | Schr—Glt         | 1896                  | Harbord au Bouche, N.S.               | 43.0  | 13.1  | 6.4  | 17   | Isaac Hutchison, Yarmouth, N.S.   |
| 79913                              | Emma C.                        | Weymouth                                | Schr—Glt         | 1883                  | Dorchester, N.S.                      | 76.7  | 25.1  | 8.3  | 100  | Chas. Anderson, Yarmouth, N.S.  |
| 107604                             | Emma D.                        | Weymouth                                | Schr—Glt         | 1900                  | Maxville, N.S.                        | 42.0  | 13.3  | 6.0  | 20   | John L. George, White Haven, N.S.   |
| 117654                             | Emma Jane                      | Canso                                   | Schr—Glt         | 1907                  | White Haven, N.S.                     | 38.0  | 13.3  | 7.0  | 16   | Lochme Limitée, 99 Dalhousie St., Quebec, Que.  |
| 122259                             | Emmet                          | Quebec                                  | Barge—Ch'd       |                       | St. Irene, Que.                       | 121.6   | 32.0  | 7.7  | 249  | T. Abier, Shippigan, N.B.   |
| 106911                             | Empire                         | Charlton, N.B.                          | Schr—Glt         | 1892                  | Caraquet, N.B.                        | 36.3  | 12.7  | 4.4  | 10   | The Canadian Towing and Wrecking Co., Ltd., Port Arthur, Ont.                         |
| 116390                             | Empire                         | Port Arthur                             | Barge—Ch'd       | 1906                  | Collingwood, Ont.                     | 169.0   | 40.0  | 12.0   | 768  |   |



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| 134474                                | 134475   | 134476   | 141141                          | 755660                        | 100786   | 121233                         | 141077                          | 111513                          | 83202                            | 126681                             | 92425   | 126181                          | 94735                        | 64941                      | 100634                                | 126344                         | 103776   | 126691                            | 121809                           | 100772                   | 138471   | 117141                  | 116347                      | 100787   | 107473                     | 96863  | 103013                         | 141844   | 107475                            | 121688                          | 122993                                    | 107793   | 107797                                    | 141403                                | 100653                                 | 133916  | 111627  | 122137                                | 121796                          | 103766                             | 138643                            | 134484                                     | 80754                          | 141165                                 | 107356                          | 121310                          | 90708                            |                      |                    |                   |               |
|---------------------------------------|--|--|---------------------------------|-------------------------------|--|--------------------------------|---------------------------------|---------------------------------|----------------------------------|------------------------------------|---|---------------------------------|------------------------------|----------------------------|---------------------------------------|--------------------------------|--|-----------------------------------|----------------------------------|--------------------------|--|-------------------------|-----------------------------|--|----------------------------|--|--------------------------------|--|-----------------------------------|---------------------------------|---|--|---|---------------------------------------|--|---|---|---------------------------------------|---------------------------------|------------------------------------|-----------------------------------|--|--------------------------------|--|---------------------------------|---------------------------------|----------------------------------|----------------------|--------------------|-------------------|---------------|
| Empire No. 1                          | Empire No. 2   | Empire No. 3   | Empire Scow No. 3               | Empress                       | Empress  | Essie                          | Eta & Elsie                     | Eta & Elsie                     | Enchantress                      | Encau                              | England   | Enid Hazel                      | Ensamada                     | Erie                       | Ernest                                | Ezra G. Mildred                | Esk  | Eskimo                            | Estelle                          | Estrella                 | Ether Adelaide   | Etha May                | Ethel                       | Ethel  | Ethel                      | Ethel  | Ethel                          | Ethel H.   | Ethel H.                          | Ethel May                       | Ethel May                                 | Ethel R.   | Ethel & Carrie                            | Ethelwyn A. McFadden                  | Ethlyn                                 | Etna  | Etoile d'un Marin                                   | Etta H.                               | Etta M.                         | Etta M.                            | Etta M.                           | Etta M.                                    | Eugene                         | Eugene                                 | Eugene L.                       | Eugene                          | Eugene Owen Mackay               | Eunlike C.           | Eureka             | Euretta King      |               |
| Montreal                              | Montreal   | Montreal   | Victoria                        | Arichat                       | Chartham, N.B.   | Shelburne                      | Windsor, N.S.                   | St. John, N.B.                  | Digby                            | Montreal                           | Quebec  | Harrington Passage              | Windsor, N.S.                | Quebec                     | Montreal                              | Shelburne                      | Chartham, N.B.   | Parrsboro'                        | Yarmouth                         | Chartham, N.B.           | Parrsboro  | Halifax                 | Chartham, N.B.              | Arichat  | Chartham, N.B.             | Digby  | Montreal                       | St. Andrews  | Montreal                          | Montreal                        | Digby                                     | Yarmouth   | St. Andrews                               | St. John, N.B.                        | St. John, N.B.                         | Lunenburg                                     | Quebec  | Chartham, N.B.                        | Digby                           | Yarmouth                           | Shelburne                         | Shelburne                                  | Montreal                       | Quebec                                 | Parrsboro                       | Sydney, N.S.                    | St. Andrews                      | St. Catharines       |                    |                   |               |
| Barge—Chd                             | Barge—Chd  | Barge—Chd  | Scow—Chd                        | Schr—Glt                      | Schr—Glt   | Sloop                          | Schr—Glt                        | Sloop                           | Schr—Glt                         | Sloop                              | Barge—Chd   | Schr—Glt                        | Bknt—Bkgt                    | Barge—Chd                  | Barge—Chd                             | Sloop                          | Schr—Glt   | Sloop                             | Sloop                            | Schr—Glt                 | Schr—Glt   | Schr—Glt                | Schr—Glt                    | Schr—Glt   | Schr—Glt                   | Barge—Chd  | Schr—Glt                       | Barge  | Sloop                             | Sloop                           | Sloop                                     | Schr—Glt   | Schr—Glt                                  | Sloop                                 | Schr—Glt                               | Sloop   | Sloop   | Sloop                                 | Sloop                           | Sloop                              | Schr—Glt                          | Schr—Glt                                   | Sloop                          | Sloop                                  | Sloop                           | Sloop                           | Sloop                            |                      |                    |                   |               |
| 1880                                  | 1880   | 1901   | 1905                            | 1877                          | 1888   | 1887                           | 1920                            | 1897                            | 1881                             | 1909                               | 1863  | 1908                            | 1879                         | 1871                       | 1892                                  | 1908                           | 1897   | 1909                              | 1905                             | 1892                     | 1917   | 1905                    | 1896                        | 1891   | 1899                       | 1897   | 1881                           | 1881   | 1891                              | 1920                            | 1899                                      | 1902   | 1904                                      | 1896                                  | 1920                                   | 1919  | 1886  | 1913                                  | 1901                            | 1905                               | 1904                              | 1899                                       | 1918                           | 1912                                   | 1880                            | 1918                            | 1897                             | 1901                 | 1887               |                   |               |
| Ste. Claire, Mich., U.S.A.            | U.S.A.   | Northumberland, N.Y., U.S.A.                         | Esquimaux, B.C.                 | La Have, N.B.                 | Caraqueet, N.B.  | Sadeguet, Me., U.S.A.          | Cheverie, N.S.                  | Grand Manan, N.B.               | Cornwallis, N.S.                 | Noire Dame de Pierreville, Que.    | Brookville, Ont.  | St. Alexis, Que.                | Shelburne, N.S.              | South Matiland, N.S.       | Quebec, Que.                          | Pierreville, Que.              | Port Clyde, N.S.   | Carape, N.B.                      | Apple River, N.S.                | Tasket Wedge, N.S.       | Caraqueet, N.B.  | Fox River, N.S.         | Dover, N.S.                 | Canso, N.S.  | Caraqueet, N.B.            | White Cove, N.S.   | Toronto, Ont.                  | Kingston, Ont.   | Palumbo, N.S.                     | Northumberland, N.Y., U.S.A.    | St. Hilaire, Que.                         | Parker's Cove, N.S.                              | Clarke's Harbour, N.S.                    | St. George, N.B.                      | St. John, N.B.                         | Cambridge, N.B.                               | Sackville, N.B.                                     | Malone Bay, N.S.                      | St. Michel, Que.                | Lamack, N.B.                       | Port Matiland, N.S.               | Barrington, N.S.                           | Cape Island, N.S.              | Shelburne, N.S.                        | Dayspring, N.S.                 | Montreal, Que.                  | Esquimaux Point, Que.            | Diligent Raver, N.S. | North Sydney, N.S. | Grand Manan, N.B. | Welland, Ont. |
| 170 0                                 | 95 5   | 97 3   | 60 0                            | 60 0                          | 38 0   | 28 0                           | 112 4                           | 36 9                            | 34 6                             | 108 9                              | 148 0   | 28 0                            | 52 0                         | 133 5                      | 108 2                                 | 28 5                           | 40 0   | 79 2                              | 37 0                             | 118 0                    | 41 2   | 35 3                    | 36 3                        | 35 6   | 46 0                       | 158 0  | 30 0                           | 94 9   | 33 0                              | 33 0                            | 26 0                                      | 39 8   | 90 1                                      | 128 6                                 | 37 6                                   | 42 0  | 33 0  | 30 0                                  | 31 0                            | 83 0                               | 106 4                             | 68 2                                       | 62 0                           | 167 0                                  | 33 4                            | 31 3                            | 110 9                            |                      |                    |                   |               |
| 12 4                                  | 8 8  | 8 4  | 7 6                             | 4 0                           | 4 8  | 5 1                            | 10 1                            | 5 2                             | 13 0                             | 7 3                                | 9 6   | 6 7                             | 19 1                         | 9 3                        | 7 8                                   | 5 2                            | 6 8  | 6 8                               | 11 2                             | 6 0                      | 12 4   | 5 2                     | 6 0                         | 4 5  | 6 1                        | 27 9   | 11 0                           | 30 0   | 17 8                              | 12 7                            | 11 4                                      | 11 7   | 14 0                                      | 26 7                                  | 4 4                                    | 11 0  | 28 6  | 13 8                                  | 10 2                            | 6 0                                | 6 0                               | 9 4  | 26 2                           | 4 0                                    | 19 5                            | 36 0                            | 12 1                             | 13 0                 | 23 2               |                   |               |
| 518                                   | 126  | 123  | 34                              | 37                            | 12   | 8                              | 221                             | 145                             | 319                              | 31                                 | 999   | 109                             | 109                          | 109                        | 94                                    | 11                             | 13   | 425                               | 11                               | 11                       | 11   | 11                      | 11                          | 11   | 11                         | 11   | 11                             | 118  | 16                                | 10                              | 12  | 15   | 148                                       | 169                                   | 10                                     | 20  | 10  | 10                                    | 98                              | 99                                 | 46                                | 46   | 560                            | 6                                      | 14                              | 130                             |                                  |                      |                    |                   |               |
| Empire Coal Co., Ltd., Montreal, Que. | Log Supply Co., Ltd., 137 McGill St., Montreal, Que. | Log Supply Co., Ltd., 137 McGill St., Montreal, Que. | Charles F. Todd, Victoria, B.C. | Simon Poirer, Deschenne, N.S. | Mrs. Sarah Young and F. T. B. Young, J.O., Caraqueet, N.B. | A. H. Perry, Black Point, N.S. | Geo. M. Parsons, Cheyette, N.S. | David A. McAdam, Musquash, N.B. | H. B. Short, et al., Digby, N.S. | Laura Dubois, Indian Lorette, Que. | The Kaine & Bird Transportation Co., Ltd., Quebec, Que. | Robert S. McKay, Yarmouth, N.S. | Henry J. Lewis, Sydney, N.S. | W. W. Tate, Montreal, Que. | Edmond Dancan, Jr., Pierreville, Que. | John McKenzie, Shelburne, N.S. | Mrs. Sarah Young and F. T. B. Young, J.O., Caraqueet, N.B. | Herbert Hicks, Clementsport, N.S. | Albert E. Carland, Pubnico, N.S. | P. Rive, Caraqueet, N.B. | The "Esther Adelaide", Navigation Co., Ltd., Halifax, N.S. | G. Johnson, Dover, N.S. | F. B. Saunders, Canso, N.S. | Mrs. Sarah Young and F. T. B. Young, J.O., Caraqueet, N.B. | Wm. Dewey, Sackville, N.B. | The Montreal Warehousing Co., 234 Wellington St., Montreal, Que. | W. J. Galbraith, Lepreau, N.B. | The Log Supply Co., Ltd., 137 McGill St., Montreal, Que. | Isaac Fulmore, Five Islands, N.B. | S. Messenger, Cape Island, N.S. | Clarence M. Richardson, Grand Manan, N.B. | Albert Wooster, Grand Harbour, Grand Manan, N.B. | Archie E. McFadden, M.O., Sackville, N.B. | Henry W. Adams, M.O., Lunenburg, N.S. | Joseph Bergeron, Les Etoulements, Que. | O. V. Chausson and Marcelon Noel, Lamak, N.B. | Warren C. and George Justason, Blacks Harbour, N.B. | Clifford Kendrick, Shag Harbour, N.S. | J. G. Newell, Cape Island, N.S. | John G. Murray, M.O., Sydney, N.S. | Ivan Creaser, M.O., La Have, N.S. | The Minister of Public Works, Ottawa, Ont. | Henri Boulhac, Tadoussac, Que. | W. N. Reinhardt, et al., La Have, N.S. | John Leonard, Main-a-Dieu, N.S. | L. C. Gopill, Grand Manan, N.B. | Allan J. Holloway, Toronto, Ont. |                      |                    |                   |               |

\*Foreign name "Mamie Martin."

\*Foreign name "Berthm M. Graves."

\*Foreign name "Melbourne."

\*Recovered wreck.

\*Foreign name "Elsie."

ALPHABETICAL List of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE DES NAVIRES À VOILES INSCRITS DANS LES REGISTRES MARITIMES DU CANADA AU 31 DÉCEMBRE 1920.  
 © Equipped with Wireless—Muni de la T.S.F.—Abbréviations—Abbreviations: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Rig.<br>Gréement. | Built<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|---------------------------------|---|-------------------|-----------------------|---------------------------------------|---|---|--|--|---|
| 422461                              | Eva E.                          | Yarmouth.                                   | Sloop.            | 1906                  | Cape Island, N.S.                     | 30 0  | 10 6  | 6 0  | 10   | Aaron Allen, Yarmouth, N.S.   |
| 416518                              | Eva June                        | Lanenburg.                                  | Schr—Glt          | 1904                  | Lanenburg, N.S.                       | 94 6  | 25 0  | 10 0   | 93   | A. J. McEongald, Halifax, N.S.  |
| 421901                              | Eva M.                          | Barrington Passage                          | Sloop.            | 1905                  | Clark's Harbour, N.S.                 | 30 0  | 11 9  | 6 0  | 11   | Eldridge Hagar, Round Bay, N.S., and Alexander J. Ferrv, Red Head, N.S.               |
| 416343                              | Eva May                         | Arichat.                                    | Schr—Glt          | 1903                  | St. Peter's, N.S.                     | 37 5  | 11 6  | 5 0  | 11   | Mrs. Henry Paugac, Poulouan, N.S.   |
| 90432                               | Eva May                         | Charlottetown.                              | Schr—Glt          | 1901                  | Summerside, P.E.I.                    | 76 7  | 21 3  | 9 0  | 69   | Adam and Walter Grant, J.O., Port Elgin, N.B.   |
| 417048                              | Evangeline                      | Barrington Passage                          | Sloop.            | 1905                  | Clark's Harbour, N.S.                 | 30 0  | 11 5  | 6 7  | 11   | Foster Crowell, Clark's Harbour, N.S.   |
| 422058                              | Evangeline                      | Chatham, N.B.                               | Schr—Glt          | 1907                  | New Bandon, N.B.                      | 33 8  | 11 5  | 10 2   | 10   | Vilas Frigault, New Bandon, N.S.  |
| 92564                               | Evangeline                      | Halifax.                                    | Schr—Glt          | 1885                  | Chezzetcook, N.S.                     | 42 5  | 15 0  | 6 3  | 23   | John A. Neville, Halifax, N.S.  |
| 116675                              | Evangeline                      | St. Andrews.                                | Sloop.            | 1903                  | Sheburne, N.S.                        | 37 0  | 13 3  | 5 6  | 15   | Arthur Green, Grand Manan, N.B.   |
| 422115                              | Evangeline                      | Sydney, N.S.                                | Sloop.            | 1906                  | Ingonish, N.S.                        | 37 0  | 11 9  | 5 3  | 10   | John G. Hines, M.O., Ingonish, N.S.   |
| 112281                              | Eveline                         | Digby.                                      | Schr—Glt          | 1902                  | Metegan, N.S.                         | 40 0  | 13 7  | 7 0  | 22   | Geo. D. Green, Apple River, N.S.  |
| 438646                              | Eveline Wilkie                  | La Have.                                    | Schr—Glt          | 1918                  | Margaretsville, N.S.                  | 128 5   | 32 6  | 12 1   | 319  | W. N. Reinhardt, M.O., La Have, N.S.  |
| .....                               | Evelyn                          | Kingston.                                   | Schr—Glt          | 1877                  | Stromington, Ont.                     | 90 1  | 22 2  | 5 7  | 97   | Wm. Myles, Kingston, Ont.   |
| 126814                              | Evelyn V. Miller.               | Lanenburg.                                  | Schr—Glt          | 1910                  | Malbone Bay, N.S.                     | 109 0   | 30 0  | 11 2   | 99   | Pélex Scott, North Sydney, N.S.   |
| 422627                              | Excelsior                       | Chatham, N.B.                               | Dredge—Drague     | 1908                  | Chatham, N.B.                         | 38 0  | 13 0  | 3 0  | 13   | Pélix Micheland, Burotuche, N.B.  |
| 138838                              | Excelsior                       | Lanenburg.                                  | Schr—Glt          | 1918                  | La Have, N.S.                         | 107 2   | 26 3  | 10 8   | 100  | Charles Conrad, M.O., La Have, N.S.   |
| 102348                              | Excelsior                       | Halifax.                                    | Schr—Glt          | 1894                  | Spry Bay, N.S.                        | 38 5  | 12 2  | 5 8  | 14   | Mrs. M. W. Andrews, Isate's Harbour, N.S.   |
| 116846                              | Excelsior                       | Owen Sound.                                 | Dredge—Drague     | 1906                  | Welland, Ont.                         | 100 0   | 36 0  | 9 3  | 372  | Canadian Dredging Co., Ltd., Durham, Ont.   |
| 808063                              | Exenia                          | Windsor, N.S.                               | Schr—Glt          | 1880                  | Cornwallis, N.S.                      | 43 0  | 15 5  | 6 2  | 48   | Wm. Sparkes, et al., Grand Manan, N.B.  |
| 421714                              | F. No. 1                        | Vancouver.                                  | Scow—Chd.         | 1904                  | Nanaimo, B.C.                         | 75 0  | 27 0  | 7 0  | 86   | Producers Rock and Gravel Co., Ltd., Foot of Charlham St., Victoria, B.C.             |
| 130486                              | F. No. 2                        | New Westminster.                            | Barge—Chd         | 1910                  | Fraser Mills, B.C.                    | 101 0   | 32 5  | 8 2  | 244  | Canadian Western Lumber Co., Fraser Mills, B.C.                                       |
| 431188                              | F. A. R. No. 1                  | Peterboro.                                  | Dredge—Drague     | 1914                  | Glen Ross, Ont.                       | 60 0  | 22 6  | 5 4  | 63   | Fred. A. Robertson and Paul Maloney, Cornwall, Ont.                                   |
| 431190                              | F. A. R. No. 2                  | Peterboro.                                  | Drill Scow.       | 1914                  | Glen Ross, Ont.                       | 27 2  | 15 8  | 4 2  | 15   | Fred. A. Robertson and Paul Maloney, Cornwall, Ont.                                   |
| 411496                              | F. A. R. No. 3                  | Peterboro.                                  | Dredge—Drague     | 1917                  | Glen Ross, Ont.                       | 39 6  | 26 5  | 5 0  | 67   | Fred. A. Robertson and Paul Maloney, Cornwall, Ont.                                   |
| 107923                              | F. B. & Co. No. 1.              | Quebec                                      | Schr—Glt          | 1899                  | Tadoussac, Que.                       | 46 4  | 15 5  | 5 6  | 21   | Joseph B. Cloutier, Chicoutimi, Que.  |
| 126983                              | F. G. No. 1.                    | New Westminster.                            | Barge—Chd         | 1900                  | New Westminster, B.C.                 | 70 0  | 26 0  | 4 5  | 82   | Wm. H. Dauphin, New Westminster, B.C.   |
| 142986                              | F. G. No. 2                     | Montreal.                                   | Scow—Chd          | 1909                  | Cardinal, Ont.                        | 40 0  | 20 1  | 4 7  | 92   | Harbour Commissioners of Montreal, Montreal, Que.                                     |
| 141292                              | F. J. P. No. 1                  | Vancouver.                                  | Scow—Chd          | 1901                  | Marcorces Wash., U.S.A.               | 61 0  | 22 0  | 3 8  | 43   | H. Bell Irving & Co., Ltd., 322 Richard St., Vancouver, B.C.                          |
| 130393                              | F. L. No. 1                     | Montreal.                                   | Scow—Chd.         | 1902                  | Victoria, N.S.                        | 32 0  | 12 0  | 6 4  | 76   | Francis Lenoire, Montreal, Que.   |
| 130394                              | F. L. No. 2                     | Montreal.                                   | Scow—Chd.         | 1901                  | St. Pierre, Mig                       | 46 0  | 20 0  | 6 8  | 64   | Francis Lenoire, Montreal, Que.   |

|        |                     |                  |                 |      |                         |       |      |      |     |  |
|--------|---------------------|------------------|-----------------|------|-------------------------|-------|------|------|-----|--|
| 138700 | F. L. B. 1.         | Vancouver        | Stow - Clad     | 1918 | New Westminster, B.C.   | 90 6  | 32 0 | 5 3  | 206 | Massey Timber Co., (1919) Ltd., 708 Pacific Bldg., Vancouver, B.C.             |
| 140920 | F. L. B. 2          | Vancouver        | Stow - Clad     | 1918 | New Westminster, B.C.   | 121 6 | 39 7 | 8 9  | 305 | Massey Timber Co. (1919) Ltd., 708 Pacific Bldg., Vancouver, B.C.              |
| 141175 | F. L. B. 4          | New Westminster  | Stow - Clad     | 1918 | New Westminster, B.C.   | 116 0 | 40 0 | 9 4  | 372 | Massey Timber Co. (1919) Ltd., 708 Pacific Bldg., Vancouver, B.C.              |
| 134614 | F. R. B. No. 1      | Sault Ste. Marie | Stow - Clad     | 1911 | Sault Ste. Marie, Ont.  | 131 0 | 35 7 | 0 0  | 421 | Alex. E. McLeann, Sault Ste. Marie, Ont.                                       |
| 134390 | F. R. B. No. 6      | Sault Ste. Marie | Stow - Clad     | 1911 | Cleveland, Ohio, U.S.A. | 63 0  | 18 5 | 0 5  | 76  | Aaron Portnoy, Sault Ste. Marie, Ont.  |
| 134611 | F. R. B. No. 7      | Sault Ste. Marie | Stow - Clad     | 1911 | Cleveland, Ohio, U.S.A. | 62 0  | 18 5 | 0 5  | 76  | Aaron Portnoy, Sault Ste. Marie, Ont.  |
| 140971 | F. R. P. D. Co. 1   | New Westminster  | Stow - Clad     | 1912 | New Westminster, B.C.   | 65 0  | 22 0 | 5 4  | 60  | Fraser River Pile Driving Co., Ltd., Front St., New Westminster, B.C.          |
| 140972 | F. R. P. D. Co. 2   | New Westminster  | Stow - Clad     | 1912 | New Westminster, B.C.   | 65 0  | 22 0 | 5 4  | 60  | Fraser River Pile Driving Co., Ltd., Front St., New Westminster, B.C.          |
| 140973 | F. R. P. D. Co. 3   | New Westminster  | Stow - Clad     | 1912 | New Westminster, B.C.   | 60 0  | 29 0 | 3 0  | 31  | Fraser River Pile Driving Co., Ltd., Front St., New Westminster, B.C.          |
| 116780 | F. & R. No. 3       | Vancouver        | Barge - Clad    | 1904 | Vancouver, B.C.         | 65 5  | 30 0 | 7 0  | 131 | Stanley S. McKean and Geo. E. Wilbur, Vancouver, B.C.                          |
| 12454  | F. A. George        | Brookville       | Barge - Clad    | 1874 | Tonawanda, N.Y., U.S.A. | 204 6 | 25 2 | 14 6 | 251 | The Central Coal Co., Brookville, Ont.   |
| 103198 | F. B. Wade          | Halifax          | Schr - Glt      | 1895 | Liverpool, N.S.         | 82 0  | 23 3 | 0 1  | 490 | Frank E. Tanner, et al., J.O., North Sydney, N.S.                              |
| 120018 | F. C. Lockhart      | St. John, N.B.   | Schr - Glt      | 1900 | Amherst, Nova Scotia    | 125 0 | 51 4 | 11 6 | 268 | Cramer & Co., Ltd., 125 St. James St., Montreal, Que.                          |
| 90818  | F. H. Burton        | Kingston         | Schr - Glt      | 1853 | Windsor, N.S.           | 103 0 | 29 5 | 7 9  | 137 | John Hart, et al., Victoria, B.C.  |
| 141485 | F. H. Heudtler      | Montreal         | Barge - Clad    | 1901 | Dalhousie, N.Y., U.S.A. | 96 5  | 17 8 | 7 9  | 108 | General Supply Co., Ltd., 137 McGill St., Montreal, Que.                       |
| 116708 | F. W. Thompson      | Quebec           | Schr - Glt      | 1904 | Leeterville, Que.       | 33 0  | 23 2 | 4 2  | 119 | Alfred Moffatt and Joseph Thurston, Les Escoumeaux, Que.                       |
| 138311 | F. Blanchard        | Richibucto       | Schr - Glt      | 1916 | Richibucto, N.B.        | 65 3  | 20 3 | 5 2  | 10  | P.W. Hammond, Richibucto, N.B.   |
| 240635 | F. Mury             | Quebec           | Schr - Glt      | 1893 | Amst. St. Jean, Que.    | 70 2  | 21 9 | 8 3  | 81  | W. Laford, et al., Richibucto, N.B.  |
| 100522 | Spadibus            | Quebec           | Schr - Glt      | 1893 | Chapeau, Que.           | 33 0  | 11 8 | 4 4  | 11  | J. J. Sturt, M.P., St. Jean, Que.  |
| 100535 | Fairplay            | Quebec           | Schr - Glt      | 1889 | Shipman, N.B.           | 33 0  | 12 6 | 4 4  | 10  | J. A. Roberts, Jr., Halifax, N.S.  |
| 103001 | Falcon              | Chartham, N.B.   | Sloop           | 1907 | Shipman, N.B.           | 30 4  | 8 0  | 3 2  | 4   | K. H. Hudson, Green, N.B.  |
| 122310 | Falcon              | Lancenburg       | Sloop           | 1881 | Eastport, Me., U.S.A.   | 39 0  | 13 0 | 5 7  | 12  | Miss Steaks, Green, Mann, N.B.   |
| 107908 | Falcon              | St. Andrews      | Sloop           | 1890 | St. John, N.B.          | 24 0  | 10 2 | 5 0  | 8   | Miss Brooks, et al., Grand Manan, N.B.   |
| 130765 | Fallon Bros. No. 5. | Kingston         | Dredge - Drague | 1896 | Prescott, Ont.          | 81 0  | 30 0 | 6 5  | 199 | W. H. Ryan, J. O., Cornwall, Ont.  |
| 103120 | Falmouth            | St. Andrews      | Sloop           | 1880 | Campobello, N.B.        | 30 0  | 11 4 | 6 0  | 10  | W. Dalziel, et al., Grand Manan, N.B.  |
| 74116  | Fama                | Halifax          | Schr - Glt      | 1877 | Sheet Harbour, N.S.     | 51 0  | 18 4 | 7 3  | 44  | Wilson C. Ferguson, and Robert C. Poirier, West Arichat, N.S.                  |
| 88462  | Fannie S.           | Arichat          | Schr - Glt      | 1892 | River Bourgeois, N.S.   | 49 4  | 17 0 | 6 7  | 28  | Daniel Simpson, River Bourgeois, N.S.  |
| 130428 | Fanny May           | St. Andrews      | Schr - Glt      | 1911 | Campobello, N.B.        | 51 1  | 15 3 | 7 0  | 25  | William McEllan, Campobello, N.B.  |
| 121883 | Fanny Rose          | Yarmouth         | Sloop           | 1906 | Cape Island, N.S.       | 36 0  | 12 4 | 7 0  | 15  | Charles E. Postler, M.O., Tusket Wedge, N.S.                                   |
| 138758 | Farlings            | Halifax          | Schr - Glt      | 1918 | Weymouth, N.S.          | 139 5 | 31 4 | 12 5 | 414 | Farling's Shipping Corporation, Ltd., 85-93 Granville St., Halifax, N.S.       |
| 100467 | Faucon              | Quebec           | Sloop           | 1889 | Quebec, Que.            | 44 8  | 14 2 | 4 6  | 18  | P. M. Duchene, Quebec, Que.  |
| 141073 | Favonian            | Halifax          | Schr - Glt      | 1918 | Halifax, N.S.           | 150 3 | 33 8 | 12 4 | 429 | Abraham Monlon, et al., Halifax, N.S.  |
| 61302  | Favourite           | Victoria         | Schr - Glt      | 1868 | Sooke, B.C.             | 71 5  | 22 0 | 8 5  | 80  | British Columbia & Labrador Fisheries, Ltd., 114 Belmont House, Victoria, B.C. |
| 75614  | Fawn                | Digby            | Schr - Glt      | 1877 | Shelburne, N.S.         | 43 0  | 15 7 | 6 2  | 17  | James E. Orville, Parrshoro', N.S.   |
| 189051 | Fes                 | Chartham, N.B.   | Schr - Glt      | 1916 | Lamek, N.B.             | 41 0  | 13 6 | 6 0  | 18  | Zoel Pontin, Lamek, N.B.   |
| 122095 | Felton C.           | Yarmouth         | Sloop           | 1906 | Cape Island, N.S.       | 36 0  | 13 0 | 7 0  | 16  | Russell B. Wyman, Yarmouth, N.S.   |
| 126728 | Fenelon             | Peterboro'       | Stow - Clad     | 1903 | Peterboro', Ont.        | 71 0  | 26 0 | 4 6  | 146 | The Minister of Railways and Canals, Ottawa, Ont.                              |
| 130599 | Ferguson            | Halifax          | Dredge - Drague | 1912 | Walling, Ont.           | 80 3  | 36 4 | 8 0  | 387 | The Halifax Dredging Co., Ltd., Halifax, N.S.                                  |
| 141076 | Fillowson           | Windsor, N.S.    | Schr - Glt      | 1920 | Canning, N.S.           | 151 6 | 23 8 | 13 0 | 435 | Henry J. Steek, et al., Halifax, N.S.  |
| 122621 | Fillera             | Chartham, N.B.   | Schr - Glt      | 1908 | Lamek, N.B.             | 37 3  | 12 4 | 6 3  | 18  | James P. Chausson, Lamek, N.B.   |
| 138422 | Filter              | Passabaie        | Schr - Glt      | 1916 | Grand River, Que.       | 38 7  | 12 8 | 3 8  | 11  | John Jones & Whitman, Ltd., Halifax, N.S.                                      |
| 107302 | Fin Buck            | St. Andrew       | Sloop           | 1898 | St. John, N.B.          | 40 0  | 15 0 | 6 0  | 24  | W. B. Williston, Grand Manan, N.B.   |
| 130338 | Financier           | Chartham, N.B.   | Schr - Glt      | 1911 | Bay du Vin, N.B.        | 34 0  | 9 7  | 5 0  | 10  | W. B. Williston, Grand Manan, N.B.   |
| 121874 | Finetic May         | Yarmouth         | Sloop           | 1906 | Yarmouth, N.S.          | 33 0  | 11 3 | 4 0  | 12  | Frank Ingersoll, Hardwick, N.B.  |
| 138616 | Fish Hunter         | Chartham, N.B.   | Schr - Glt      | 1918 | Red River, N.B.         | 31 6  | 11 0 | 4 5  | 10  | John Muse, Red River, N.B.   |
| 130654 | Fish Stocker        | Chartham, N.B.   | Schr - Glt      | 1911 | Charraquet, N.B.        | 40 5  | 13 5 | 6 0  | 20  | Gustavo Joseph Gallien, Caraquet, N.B.   |
| 100298 | Fisher              | Chartham, N.B.   | Schr - Glt      | 1891 | Shipman, N.B.           | 35 4  | 11 6 | 5 0  | 12  | Andre D. Chausson, Lamek, N.B.   |
| 66749  | Flash               | Halifax          | Schr - Glt      | 1875 | Liverpool, N.S.         | 47 0  | 16 0 | 6 7  | 24  | J. H. Lane, Owl's Head, N.S.   |

†Formerly a Steamer.

‡Formerly "Great Western."

§Formerly "Howard L." and Foreign name "I. H. Nickerson."

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless—Muni de la T.S.F.—; Abbreviations—Abréviations: J.O., Joint owners propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel | Name of Ship<br>Nom du navire | Port of Registry<br>Port d'enregistrement | Rig.<br>Gréement | Build<br>Construit en | Where Built<br>Lieu de construction | Length in feet and 10ths.<br>Longueur en pieds et 10ths. | Breadth in feet and 10ths.<br>Largeur en pieds et 10ths. | Depth in feet and 10ths.<br>Profondeur en pieds et 10ths. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|------------------------------------|-------------------------------|---|------------------|-----------------------|-------------------------------------|--|--|---|--|---|
| 92511                              | Fleet Wing.....               | St. Andrews                               | Schr—Glt         | 1887                  | Westport, N.S.                      | 29 0   | 11 3   | 5 0   | 11   | Addison Matthews, St. George, N.B.  |
| 111468                             | Floetwing.....                | Charlottetown, N.B.                       | Schr—Glt         | 1901                  | Shippagan, N.B.                     | 38 8   | 12 6   | 5 4   | 14   | Wm. Frazer & Co., Ltd., Jersey, C.I.  |
| 852271                             | Floetwing.....                | Halifax                                   | Schr—Glt         | 1884                  | Chicoutimi, N.S.                    | 47 5   | 18 2   | 7 1   | 32   | George L. Avery, Larry's River, N.S.  |
| 107663                             | Floetwing.....                | Quebec                                    | Schr—Glt         | 1898                  | St. John's, N.S.                    | 59 2   | 18 2   | 6 2   | 42   | Joseph Cochrane, Port Colborne, Ont.  |
| 307376                             | Floetwing.....                | Windsor, Ont.                             | Schr—Glt         | 1863                  | Wilson, N.Y., U.S.A.                | 108 0  | 24 0   | 7 9   | 162  | Mrs. M. Boudreau, et al., Les Eboullements, Que.                                      |
| 106938                             | Flour de Marie.....           | Quebec                                    | Schr—Glt         | 1893                  | St. John's, Que.                    | 61 4   | 20 2   | 6 4   | 46   | Rein. J. Walters, Halifax, N.S.   |
| 122146                             | Flour de Marie.....           | Quebec                                    | Schr—Glt         | 1906                  | Tusket Wedge, N.S.                  | 26 0   | 13 0   | 6 4   | 16   | Charles U. Macler, et al., Malome Bay, N.S.   |
| 103743                             | Flour de Marie.....           | Yarmouth                                  | Schr—Glt         | 1896                  | Malome Bay, N.S.                    | 91 7   | 25 0   | 10 4  | 300  | Harbour Commissioners of Montreal, Montreal, Que.                                     |
| 134483                             | Flour de Marie.....           | Yarmouth                                  | Schr—Glt         | 1915                  | Montreal, Que.                      | 101 2  | 34 8   | 5 9   | 408  | Harbour Commissioners of Montreal, Montreal, Que.                                     |
| 126770                             | Mixer.....                    | Montreal                                  | Screw—Cld        | 1908                  | Barrow, G.B.                        | 200 5  | 43 1   | 9 2   | 415  | Harbour Commissioners of Montreal, Montreal, Que.                                     |
| 526367                             | Floer.....                    | Quebec                                    | Schr—Glt         | 1890                  | Portland, Que.                      | 76 0   | 20 2   | 6 3   | 65   | J. B. Dussault, Portneuf, Que.  |
| 107306                             | Floer.....                    | Quebec                                    | Schr—Glt         | 1896                  | West Isles, N.B.                    | 39 0   | 12 2   | 6 2   | 14   | Grant L. Dakin, Grand Manan, N.B.   |
| 122046                             | Floer.....                    | St. Andrews                               | Schr—Glt         | 1863                  | Essex, Mass., U.S.A.                | 55 0   | 17 4   | 6 5   | 34   | Geo. A. Glaspy, St. John, N.B.  |
| 117552                             | Floer B.....                  | St. Andrews                               | Schr—Glt         | 1894                  | Grand Manan, N.B.                   | 32 0   | 12 4   | 5 0   | 13   | Nelson Ingersoll, Grand Manan, N.B.   |
| 71107                              | Floer Carvech.....            | Whitby                                    | Schr—Glt         | 1873                  | Mill Point, Ont.                    | 115 0  | 23 5   | 8 9   | 190  | Wm. O. Stobo, Quebec, Que.  |
| 117055                             | Floer M.....                  | Whitby                                    | Schr—Glt         | 1857                  | Essex, Mass., U.S.A.                | 68 0   | 19 7   | 7 6   | 58   | Jeffrey W. Forgeron, West Arichat, N.S.   |
| 117163                             | Floer M.....                  | Whitby                                    | Schr—Glt         | 1906                  | Huntsport, N.S.                     | 46 9   | 27 0   | 7 5   | 145  | Barton E. Merriman, et al., Parrishboro, N.S.   |
| 130731                             | Floer Matthews.....           | Windsor, N.S.                             | Schr—Glt         | 1912                  | Huntsport, N.S.                     | 97 9   | 27 2   | 7 4   | 116  | Ashton Cornner, Point Cross, N.S.   |
| 130734                             | Floer Matthews.....           | Windsor, N.S.                             | Schr—Glt         | 1912                  | Eastport Harbour, N.S.              | 46 0   | 13 0   | 5 7   | 22   | Henry Harding, Grand Manan, N.B.  |
| 94824                              | Floer Woster.....             | St. Andrews                               | Schr—Glt         | 1873                  | Wiscasset, Me., U.S.A.              | 40 4   | 13 0   | 5 7   | 14   | J. A. Harding, Souris, P.E.I., and James Jerriot, jr., Georgetown, P.E.I., J.O.       |
| 122086                             | Floerence.....                | Charlottetown                             | Schr—Glt         | 1907                  | Murray Harbour, P.E.I.              | 34 0   | 11 6   | 5 6   | 14   | J. F. Eldridge, Beaver Harbour, N.B.  |
| 116968                             | Floerence.....                | St. Andrews                               | Sloop            | 1894                  | Bristol, Me., U.S.A.                | 36 2   | 14 2   | 7 2   | 18   | Daniel Kirby, Chipman's Brook, N.S.   |
| 80001                              | Floerence B.....              | St. John, N.B.                            | Schr—Glt         | 1879                  | Chance Harbour, N.B.                | 37 8   | 14 4   | 6 0   | 15   | John C. Harris and John Savary, Louisbourg, N.S.                                      |
| 80829                              | Floerence B.....              | St. John, N.B.                            | Schr—Glt         | 1880                  | New Dublin, N.S.                    | 52 4   | 17 9   | 7 2   | 32   | Daniel C. Harris and John Savary, Louisbourg, N.S.                                    |
| 467007                             | Floerence C. Lawrence.....    | Arichat                                   | Schr—Glt         | 1905                  | Margaree, N.S.                      | 71 6   | 21 6   | 9 1   | 70   | William Buekko, Margaree, N.S.  |
| 110923                             | Floerence D.....              | Port Hawksbury                            | Schr—Glt         | 1863                  | Port Felix, N.S.                    | 36 0   | 12 0   | 5 8   | 11   | W. & C. H. Mitchell, Ltd., Halifax, N.S.  |
| 102382                             | Floerence H.....              | Arichat                                   | Schr—Glt         | 1902                  | Maitland, N.S.                      | 40 0   | 13 0   | 5 6   | 20   | J. A. Moore, Westport, N.S.   |
| 110353                             | Floerence L.....              | Digby                                     | Schr—Glt         | 1894                  | Little Bras d'Or, N.S.              | 34 8   | 12 5   | 5 1   | 10   | Peter LeBlanc, Little Bras d'Or, N.S.   |
| 80870                              | Floerence M.....              | Sydney, N.S.                              | Schr—Glt         | 1906                  | Wallace, N.S.                       | 76 7   | 21 9   | 8 0   | 25   | John W. Hiscock, Bureau, Nfld.  |
| 112380                             | Floerence M.....              | Amherst, N.S.                             | Schr—Glt         | 1903                  | L'Ardoise, N.S.                     | 49 5   | 15 4   | 6 5   | 76   | Frank G. Koenig, Sydney, N.S.   |
| 116348                             | Floerence M.....              | Arichat                                   | Schr—Glt         | 1903                  | Petit de Grot, N.S.                 | 39 0   | 11 0   | 6 6   | 16   | Robert Judice, North Sydney, N.S.   |
| 122106                             | Floerence M.....              | Arichat                                   | Schr—Glt         | 1905                  | Barrington, N.S.                    | 30 0   | 11 0   | 6 6   | 10   | Edmund Stoddard, Head of Acadia, N.S.   |
| 122449                             | Floerence May.....            | Port Midsway                              | Sloop            | 1901                  | Eastport, Me., U.S.A.               | 36 5   | 14 8   | 7 2   | 11   | Alfred Boutilier, Centreville, N.S.   |
| 88357                              | Floeresta.....                | Digby, N.S.                               | Schr—Glt         | 1901                  | Eastport, Me., U.S.A.               | 36 5   | 14 8   | 7 2   | 11   | Thos. Gosbee, Murray Harbour, P.E.I.  |
| 88357                              | Floeresta.....                | Halifax                                   | Schr—Glt         | 1884                  | Parrishoro, N.S.                    | 65 0   | 21 0   | 7 9   | 57   | Thos. Gosbee, Murray Harbour, P.E.I.  |

| 108351 | Florida.                     | Quebec.             | Schr—Glt.     | 1894 | 46 6  | 16 6 | 6 0  | 27  | Nap. Blais, Esquiun Point, Que.   |
|--------|------------------------------|---------------------|---------------|------|-------|------|------|-----|---|
| 141735 | Florida.                     | Quebec.             | Schr—Glt.     | 1912 | 77 5  | 23 9 | 5 8  | 65  | Price Bros. & Co., Ltd., 56 St. Peter St., Quebec, Que.                               |
|        | 2Florrie V.                  | Archeat.            | Schr—Glt.     | 1884 | 80 2  | 23 9 | 9 2  | 97  | Edward LeBlanc, Archat, N.S.  |
| 108902 | Floyburg.                    | Victoria.           | Schr—Glt.     | 1905 | 34 8  | 11 3 | 4 8  | 12  | Rasmus Hansen, Victoria, B.C.   |
| 82255  | Floyd.                       | Barrington Passage. | Schr—Glt.     | 1883 | 43 2  | 15 8 | 5 8  | 20  | John Arsenau, Little Bras d'Or, N.S.  |
| 61405  | Fly.                         | Chatham, N.B.       | Schr—Glt.     | 1886 | 36 1  | 12 1 | 4 8  | 11  | A. McLaughlin, Tracadie, N.B.   |
| 112373 | Flying Cloud.                | Archeat.            | Schr—Glt.     | 1902 | 42 0  | 10 7 | 6 0  | 13  | Simon Mannott, Larry's River, N.S.  |
| 112165 | Flying Cloud.                | Chatham, N.B.       | Schr—Glt.     | 1903 | 37 8  | 13 5 | 5 2  | 13  | John F. Robichaud, Shippagan, N.B.  |
| 133841 | Flying Star.                 | Port Hawkesbury.    | Schr—Glt.     | 1895 | 32 5  | 10 8 | 5 0  | 11  | Polite Deveaux, Eastern Harbour, N.S.   |
| 133421 | Focus.                       | Passage.            | Schr—Glt.     | 1916 | 37 6  | 12 1 | 3 7  | 12  | Robert Jones & Whitman, Ltd., Halifax, N.S.   |
| 108353 | Foedoris Area.               | Quebec.             | Schr—Glt.     | 1896 | 66 3  | 20 7 | 5 8  | 46  | Pierre Boucher, Rivière Ouelle, Que.  |
| 126717 | Forest Maid.                 | Halifax.            | Schr—Glt.     | 1877 | 67 2  | 18 2 | 4 8  | 43  | Daniel Boudreau, Port Félix, N.S.   |
| 85393  | Formosa.                     | Magdalen Islands.   | Schr—Glt.     | 1884 | 57 2  | 18 8 | 8 1  | 43  | Theophile Thériault, House Harbour, M.I., Que.  |
| 130273 | Fort Alexander.              | Winnipeg.           | Barge—Chd.    | 1911 | 142 0 | 30 0 | 7 6  | 316 | Manitoba Transport Co., Ltd., Winnipeg, Man.  |
| 130298 | Fort No. 1.                  | Vancouver.          | Scow—Chd.     | 1907 | 61 0  | 26 1 | 9 0  | 99  | Mrs. W. H. Hind, Vancouver, B.C.  |
| 117050 | Fortuna.                     | Canso.              | Schr—Glt.     | 1907 | 43 0  | 11 9 | 5 7  | 14  | John H. Cousins, Jr., Canso, N.S.   |
| 116479 | Fortuna.                     | Chatham, N.B.       | Schr—Glt.     | 1903 | 34 0  | 10 2 | 4 5  | 10  | Prosper Boudreau, Point Missonette, N.B.  |
| 130403 | Foundation Co., No. 1 (The). | Montreal.           | Scow—Chd.     | 1910 | 62 0  | 26 0 | 4 8  | 65  | The Foundation Co., Ltd., 222 St. James St., Montreal, Que.                           |
| 130404 | Foundation Co., No. 2 (The). | Montreal.           | Scow—Chd.     | 1910 | 62 4  | 25 8 | 4 9  | 63  | The Foundation Co., Ltd., 222 St. James St., Montreal, Que.                           |
| 130405 | Foundation Co., No. 3 (The). | Montreal.           | Scow—Chd.     | 1910 | 79 0  | 25 7 | 5 0  | 84  | The Foundation Co., Ltd., 222 St. James St., Montreal, Que.                           |
| 111467 | Four Brothers.               | Chatham, N.B.       | Schr—Glt.     | 1901 | 39 0  | 13 0 | 5 0  | 13  | Henri X. Chenard, Caraquet, N.B.  |
| 133998 | Fovlie.                      | Chatham, N.B.       | Dredge—Drague | 1913 | 34 0  | 14 5 | 3 8  | 20  | Miramichi Dredging Co., Ltd., Newcastle, N.B.   |
| 100631 | Frances E. Willard.          | Charlottetown.      | Schr—Glt.     | 1893 | 46 8  | 15 4 | 6 3  | 23  | Geo. Osborne, Georgetown, P.E.I.  |
| 141221 | Frances J. Elkin.            | Weymouth.           | Schr—Glt.     | 1918 | 165 4 | 31 9 | 13 4 | 500 | The Schooner "Frances J. Elkin", Co., Limited, 124 Prince William St., St. John, N.B. |
| 129247 | Frances L.                   | St. Andrews.        | Sloop.        | 1906 | 29 0  | 11 0 | 4 5  | 10  | Spencer Cheney, White Head, Grand Manan, N.B.   |
| 135546 | Frances Louise.              | Lunenburg.          | Schr—Glt.     | 1917 | 125 6 | 28 2 | 10 2 | 147 | Henry W. Adams, M.O., Lunenburg, N.S.   |
| 141684 | Frances L. Spindler.         | Lunenburg.          | Schr—Glt.     | 1920 | 125 4 | 27 2 | 10 6 | 112 | Irvin Spindler, M.O., Lunenburg, N.S.   |
| 141074 | Frances Parsons.             | Windsor, N.S.       | Schr—Glt.     | 1914 | 112 8 | 31 0 | 11 1 | 237 | Geo. M. Parson, et al., Cheverie, N.S.  |
| 134399 | Frances W. Smith.            | Lunenburg.          | Schr—Glt.     | 1914 | 105 0 | 26 3 | 10 4 | 97  | Foreman Mossman, M.O., Rose Bay, N.S.   |
| 111401 | Frances Willard.             | Lunenburg.          | Schr—Glt.     | 1900 | 90 0  | 24 5 | 8 5  | 85  | Ranuel J. Young, Bay of Islands, Nfld.  |
| 116308 | Francis D. Cook.             | Charlottetown.      | Schr—Glt.     | 1905 | 55 4  | 19 3 | 7 6  | 47  | Reuben Caboon, M.O., Murray Harbour, P.E.I.   |
| 129752 | Francis Lenoine.             | Montreal.           | Dredge—Drague | 1901 | 37 0  | 13 0 | 5 4  | 22  | Francis Lenoine, Montreal, Que.   |
| 88549  | Frank.                       | Halifax.            | Schr—Glt.     | 1884 | 37 0  | 13 0 | 5 4  | 12  | David M. Pettis, Parrsboro, N.S.  |
| 141332 | Frank Baxter.                | Lunenburg.          | Schr—Glt.     | 1918 | 113 0 | 29 5 | 10 4 | 99  | Wm. C. Smith, et al., Lunenburg, N.S.   |
| 130321 | Frank D. Ewen.               | Montreal.           | Barge—Chd.    | 1918 | 202 4 | 34 8 | 15 5 | 878 | George Hall Coal Company of Canada, Ltd., 273 Craig St. W., Montreal, Que.            |
| 129271 | Frank Fairen.                | Peterboro.          | Scow—Chd.     | 1909 | 40 4  | 16 4 | 2 0  | 29  | The Minister of Railways and Canals, Ottawa, Ont.                                     |
| 130825 | Frank J. Brinton.            | Lunenburg.          | Schr—Glt.     | 1912 | 96 2  | 25 0 | 10 3 | 92  | Wm. Gilroy, M.O., Lunenburg, N.S.   |
| 134240 | Frank Q.                     | Montreal.           | Scow—Chd.     | 1911 | 110 3 | 28 2 | 7 2  | 174 | The Minister of Public Works, Ottawa, Ont.  |
| 130451 | Fraser Mills No. 3.          | Vancouver.          | Scow—Chd.     | 1910 | 83 2  | 34 6 | 8 5  | 217 | Canadian Western Lumber Co., Ltd., Fraser Mills, B.C.                                 |
| 138728 | Fraser Mills No. 4.          | New Westminster.    | Scow—Chd.     | 1910 | 80 0  | 30 0 | 7 0  | 143 | Canadian Western Lumber Co., Ltd., 786 Granville St., Vancouver, B.C.                 |
| 130495 | Fraser Mills No. 5.          | New Westminster.    | Barge—Chd.    | 1910 | 83 2  | 34 6 | 8 5  | 217 | Canadian Western Lumber Co., Ltd., Fraser Mills, B.C.                                 |
| 117045 | Fred C.                      | Barrington Passage. | Sloop.        | 1905 | 33 8  | 11 8 | 6 2  | 12  | S. C. Mitchell and W. F. Washburn, St. John, N.B.                                     |
| 138227 | Fred Carney.                 | Montreal.           | Sloop.        | 1883 | 153 2 | 30 1 | 13 7 | 425 | The Sincennes-McNaughton Line, Ltd., 75 Common St., Montreal, Que.                    |
| 141490 | Fred F. Farmer.              | Montreal.           | Barge—Chd.    | 1917 | 95 6  | 17 8 | 8 0  | 114 | Ritchelieu Transportation Co., Ltd., 137 McGill St., Montreal, Que.                   |

\*Formerly "Reform."

\*Formerly "Cymbeline."

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.  
 © Equipped with Wireless - Muni de la T.S.F. - Abréviations - Abbreviations: J.O., Joint owners - propriétaires conjoints; M.O., Managing owner - propriétaire gérant.

| Official Number<br>Numéro officiel | Name of Ship<br>Nom du navire | Port of Registry<br>Port d'inscription | Reg.<br>Gisement | Built<br>Cous-<br>truit<br>en | Where Built<br>Lieu de construction | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|------------------------------------|-------------------------------|--|------------------|-------------------------------|-------------------------------------|---|---|--|--|---|
| 808886                             | Fred Greene                   | St. Andrews                            | Schr—Gill        | 1881                          | St. Andrews, N.B.                   | 68 0  | 18 0  | 6 2  | 43   | Jolin and Daniel Desmond and A. Plimney, Parrsboro, N.S.                              |
| 120776                             | Fred H.                       | Richibucto                             | Schr—Gill        | 1900                          | Kingsport, N.S.                     | 41 0  | 12 3  | 5 2  | 14   | W. E. Forbes, Richibucto, N.B.  |
| 134007                             | Fred L.                       | Chatham, N.B.                          | Schr—Gill        | 1911                          | Richibucto, N.B.                    | 39 0  | 13 4  | 6 0  | 18   | Fredrick Lanteigne, Lamok, N.B.   |
| 141409                             | Freda M. Hummel               | Lunenburg                              | Schr—Gill        | 1911                          | Lunenburg, N.S.                     | 125 4   | 29 0  | 10 6   | 111  | G. Alvin Hummelman, M.O., Lunenburg, N.S.   |
| 102116                             | Freddie A. Higgins            | Charlottetown                          | Schr—Gill        | 1882                          | Kemahank, Me., U.S.A.               | 80 6  | 24 2  | 6 2  | 78   | Wm. Trenholm, Lunenburg, N.S.   |
| 121697                             | Freddie M.                    | Yarmouth                               | Sloop            | 1901                          | Capo Island, N.S.                   | 31 0  | 11 5  | 5 2  | 15   | N. Crowell, Capo Island, N.S.   |
| 141624                             | Frederick H.                  | Parrsboro                              | Schr—Gill        | 1920                          | Port Beville, N.S.                  | 148 0   | 34 5  | 9 3  | 436  | Kenneth J., Coalrane, et al., Port Creville, N.S.                                     |
| 97046                              | Frederick                     | Liverpool                              | Schr—Gill        | 1890                          | Port Beville, N.S.                  | 35 0  | 12 0  | 5 0  | 12   | J. W. Bondy, et al., West Dublin, N.S.  |
| 111746                             | Frederick                     | Lunenburg                              | Schr—Gill        | 1902                          | Madison Bay, N.S.                   | 86 8  | 23 0  | 6 8  | 92   | R. A. Watson, East Orange, N.J., U.S.A.   |
| 97146                              | Frederick                     | St. Andrews                            | Sloop            | 1885                          | Madison Bay, N.S.                   | 30 0  | 12 3  | 6 8  | 10   | Wm. Benson, Grand Manan, N.P.   |
| 132991                             | Frederick and Essy            | Chatham, N.B.                          | Schr—Gill        | 1913                          | Richibucto, N.B.                    | 30 0  | 10 2  | 6 8  | 10   | William G. Mills, Hardwicke, N.B.   |
| 77963                              | Frederick Colgate             | St. Andrews                            | Schr—Gill        | 1876                          | March 18th, Me., U.S.A.             | 52 0  | 16 0  | 6 2  | 26   | M. Hicks, et al., Westport, N.S.  |
| 122942                             | Frederick                     | Parrsboro                              | Barge—Chd        | 1875                          | South Beach, Me., U.S.A.            | 145 0   | 26 4  | 9 2  | 276  | Alphonse G. Larocque, Montreal, Que.  |
| 138471                             | Frederic E.                   | Richibucto                             | Schr—Gill        | 1918                          | Chatham, N.Y., U.S.A.               | 109 0   | 30 9  | 19 0   | 669  | H. W. Fitchkin, et al., Port Creville, N.S.   |
| 130665                             | Fidula                        | Richibucto                             | Schr—Gill        | 1912                          | Richibucto, N.B.                    | 38 0  | 11 5  | 5 0  | 14   | George H. Long, Richibucto, N.B.  |
| 120098                             | Fundy                         | St. Chatharines                        | Dredge—Draque    | 1900                          | Welland, Ont.                       | 120 0   | 42 7  | 5 5  | 597  | The Minister of Railways and Canals, Ottawa, Ont.                                     |
| 150298                             | G.B.L.C. No. 1                | Vancouver                              | Scow—Chd         |                               |                                     | 50 6  | 20 0  | 5 7  | 49   | Crassy Bay Logging Co., Ltd., 707-509 Richard St., Vancouver, B.C.                    |
| 126700                             | G. C. C. No. 7                | Montreal                               | Scow—Chd         | 1900                          | Unknown, Ont.                       | 53 5  | 17 8  | 5 3  | 49   | Lyon Colton, Montreal, Que.   |
| 126751                             | G. C. C. No. 8                | Montreal                               | Scow—Chd         | 1900                          | Unknown, Ont.                       | 46 5  | 17 0  | 4 8  | 38   | Lyon Colton, Montreal, Que.   |
| 132832                             | G. D. No. 2                   | Montreal                               | Barge—Chd        | 1913                          | Greenville, Que.                    | 122 8   | 24 0  | 7 6  | 202  | George Dunsarou, Greenville, Que.   |
| 132833                             | G. D. No. 3                   | Montreal                               | Barge—Chd        | 1913                          | Greenville, Que.                    | 88 7  | 21 3  | 6 5  | 98   | George Dunsarou, Greenville, Que.   |
| 141003                             | G. H. S. E.                   | Victoria                               | Scow—Chd         | 1914                          | Victoria, B.C.                      | 60 0  | 22 0  | 5 0  | 54   | Geo. H. S. Edwards, Ottawa, Ont.  |
| 141020                             | G. M. 1                       | Vancouver                              | Scow—Chd         | 1909                          | New Westminster, B.C.               | 81 2  | 26 0  | 6 8  | 122  | Gosse-Millard Packing Co., Ltd., 597 Hastings St. W., Vancouver, B.C.                 |
| 141828                             | G. and M. No. 1               | Vancouver                              | Scow—Chd         | 1917                          | New Westminster, B.C.               | 80 0  | 30 0  | 7 2  | 164  | Grant and McDonald, Ltd., 515 Vancouver Blk., Vancouver, B.C.                         |
| 132687                             | G. Q. L. No. 3                | Victoria                               | Barge—Chd        | 1911                          | Victoria, B.C.                      | 90 0  | 30 0  | 8 0  | 168  | Albert Bergquist, Victoria, B.C.  |
| 132688                             | G. Q. L. No. 4                | Victoria                               | Barge—Chd        | 1912                          | Victoria, B.C.                      | 95 0  | 32 0  | 8 0  | 193  | Mrs. Georgina P. Roberts, Victoria, B.C.  |

SESSIONAL PAPER No. 22

|        |  |                      |                |   |       |      |      |     |  |
|--------|--|----------------------|----------------|---|-------|------|------|-----|--|
| 133689 | G. Q. L. No. 5.....                                    | Victoria.....        | Barge—Chd..... | Victoria, B.C.....                              | 95 0  | 32 0 | 8 0  | 193 | Mrs. Georgina P. Roberts, Victoria, B.C.                                     |
| 133690 | G. Q. L. No. 6.....                                    | Victoria, B.C.....   | Barge—Chd..... | Victoria, B.C.....                              | 40 0  | 30 0 | 4 0  | 173 | Albert Berquist, Victoria, B.C.  |
| 138676 | G. S. M. No. 60.....                                   | Georgetown, B.C..... | Scow—Chd.....  | Georgetown, B.C.....                            | 46 4  | 22 2 | 5 1  | 50  | Getowen Sawmill Co., Ltd., Prince Rupert, B.C.                               |
| 140631 | G. S. MeD. Co. No. 1.....                              | Victoria.....        | Barge—Chd..... | New Westminster, B.C.....                       | 117 8 | 39 8 | 9 2  | 370 | Whalen Pulp and Paper Mills, Ltd., Merchants Bank Bldg., Vancouver, B.C.     |
| 134122 | G. S. MeD. Co. No. 2.....                              | Victoria.....        | Barge—Chd..... | New Westminster, B.C.....                       | 117 8 | 39 8 | 9 2  | 375 | Whalen Pulp and Paper Mills, Ltd., Merchants Bank Bldg., Vancouver, B.C.     |
| 134123 | G. S. MeD. Co. No. 3.....                              | Victoria.....        | Barge—Chd..... | New Westminster, B.C.....                       | 117 8 | 39 8 | 9 2  | 375 | Whalen Pulp and Paper Mills, Ltd., Merchant Bank Bldg., Vancouver, B.C.      |
| 140632 | G. S. MeD. Co. No. 4.....                              | Victoria.....        | Barge—Chd..... | New Westminster, B.C.....                       | 120 5 | 40 0 | 9 1  | 358 | Genoa Bay Lumber Co., Ltd., Moody Bk., Victoria, B.C.                        |
| 140633 | G. S. MeD. Co. No. 5.....                              | Victoria.....        | Barge—Chd..... | New Westminster, B.C.....                       | 120 5 | 40 0 | 9 4  | 358 | Whalen Pulp and Paper Mills Ltd., Merchants Bank Bldg., Vancouver, B.C.      |
| 140634 | G. S. MeD. Co. No. 6.....                              | Victoria.....        | Barge—Chd..... | New Westminster, B.C.....                       | 80 6  | 40 0 | 6 5  | 173 | The Pacific Construction Co., Ltd., 510 Hastings St. W., Vancouver, B.C.     |
| 140635 | G. S. MeD. Co. No. 7.....                              | Vancouver.....       | Barge—Chd..... | Victoria, B.C.....                              | 84 6  | 40 0 | 6 9  | 192 | Whalen Pulp and Paper Mills, Ltd., Merchants Bank Bldg., Vancouver, B.C.     |
| 97096  | G. T. D.....   | Quebec.....          | Schr—Glt.....  | Bridgewater, N.S.....                           | 123 0 | 30 0 | 12 2 | 285 | Quebec Salvage & Wrecking Co., Ltd., Montreal, Que.                          |
| 128674 | G. T. P. No. 1.....                                    | Prince Rupert.....   | Barge—Chd..... | Portland, Ore., U.S.A.....                      | 151 0 | 38 0 | 9 8  | 445 | Grand Trunk Pacific Railway Company, McGill St., Montreal, Que.              |
| 138675 | G. T. P. No. 2.....                                    | Prince Rupert.....   | Barge—Chd..... | Portland, Ore., U.S.A.....                      | 152 8 | 39 1 | 9 9  | 459 | Grand Trunk Pacific Railway Company, McGill St., Montreal, Que.              |
| 134439 | G. of G. No. 1.....                                    | Vancouver.....       | Scow—Chd.....  | New Westminster, B.C.....                       | 70 0  | 26 0 | 6 8  | 113 | Gulf of Georgia Towing Co., Ltd., (1920) 1199 Sixth Ave. W., Vancouver, B.C. |
| 137049 | G. of G. No. 2.....                                    | Vancouver.....       | Scow—Chd.....  | North Vancouver, B.C.....                       | 86 5  | 28 2 | 6 2  | 123 | Gulf of Georgia Towing Co., Ltd., (1920) 1199 Sixth Ave. W., Vancouver, B.C. |
| 134440 | G. of G. No. 3.....                                    | Vancouver.....       | Scow—Chd.....  | Vancouver, B.C.....                             | 47 7  | 19 8 | 5 5  | 46  | Gulf of Georgia Towing Co., Ltd., (1920) 1199 Sixth Ave. W., Vancouver, B.C. |
| 138161 | G. of G. No. 4.....                                    | Vancouver.....       | Scow—Chd.....  | Ebarme, B.C.....                                | 86 6  | 31 8 | 9 3  | 230 | W. Vancouver, B.C.   |
| 138532 | G. of G. No. 5.....                                    | Vancouver.....       | Scow—Chd.....  | Victoria, B.C.....                              | 97 8  | 36 0 | 7 6  | 228 | Gulf of Georgia Towing Co., Ltd., (1920) 1199 Sixth Ave. W., Vancouver, B.C. |
| 138535 | G. of G. No. 6.....                                    | Vancouver.....       | Scow—Chd.....  | Victoria, B.C.....                              | 80 5  | 30 2 | 7 5  | 148 | Gulf of Georgia Towing Co., Ltd., (1920) 1199 Sixth Ave. W., Vancouver, B.C. |
| 141209 | G. of G. No. 7.....                                    | Vancouver.....       | Scow—Chd.....  | Ebarme, B.C.....                                | 82 6  | 31 8 | 7 8  | 171 | Gulf of Georgia Towing Co., Ltd., (1920) 1199 Sixth Ave. W., Vancouver, B.C. |
| 141822 | G. of G. No. 8.....                                    | Vancouver.....       | Scow—Chd.....  | Ebarme, B.C.....                                | 59 8  | 20 0 | 5 8  | 57  | Gulf of Georgia Towing Co., Ltd., (1920) 1199 Sixth Ave. W., Vancouver, B.C. |
| 121785 | G. A. Grier.....                                       | Ottawa.....          | Barge—Chd..... | Hull, Que.....                                  | 121 8 | 24 1 | 8 1  | 193 | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                            |
| 138397 | G. A. Rhiland.....                                     | Lunenburg.....       | Schr—Glt.....  | Lunenburg, N.S.....                             | 112 2 | 26 3 | 10 4 | 100 | Clarence Myn., M.O., La Haye, N.S.   |
| 129644 | G. C. Edwards.....                                     | Ottawa.....          | Barge—Chd..... | Hull, Que.....                                  | 119 7 | 24 1 | 8 0  | 191 | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                            |
| 138792 | G. H. Marre.....                                       | Quebec.....          | Schr—Glt.....  | Isle aux Coudres, Que.....                      | 47 1  | 17 0 | 5 5  | 27  | German Harvey, Isle aux Coudres, Que.  |
| 126407 | G. H. Millen.....                                      | Ottawa.....          | Barge—Chd..... | Hull, Que.....                                  | 108 0 | 22 9 | 7 2  | 148 | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                            |
| 122015 | G. H. Warrington.....                                  | Montreal.....        | Schr—Glt.....  | Vernunthton, O., U.S.A.....                     | 178 4 | 31 6 | 12 5 | 502 | The Slocanias McNaughton Line, Ltd., 75 Common St., Montreal, Que.           |
| 130438 | G. K. Jackson.....                                     | Sarnia.....          | Schr—Glt.....  | Marine City, Mich., U.S.A.....                  | 164 0 | 31 0 | 9 0  | 353 | The Peninsula Tug & Towing Co., Ltd., Warton, Ont.                           |
| 122282 | G. M. Stephens.....                                    | Sherburne.....       | Sloop.....     | Shelburne, N.S.....                             | 35 6  | 11 5 | 6 4  | 12  | Janusky Zwickel, Indian Harbour, N.S.  |
| 122488 | G. Bluteau.....  | Quebec.....          | Sloop.....     | La Petite Rivière St. Francois-Xavier, Que..... | 63 6  | 19 6 | 5 2  | 39  | Philippe Harvey, Bâse St. Paul, Que.   |
| 130490 | G. Jax.....  | Vancouver.....       | Sloop.....     | New Westminster, B.C.....                       | 95 0  | 32 0 | 9 0  | 249 | Gulf of Georgia Towing Co., Ltd., (1920) 1199 Sixth Ave. W., Vancouver, B.C. |
| 116207 | Gabriel A.....   | Yarmouth.....        | Sloop.....     | Comaux' Hill, N.S.....                          | 39 0  | 13 4 | 8 0  | 17  | Davit Sproutie, Digby, N.S.  |
| 116713 | Gabriel de St. Ni.....                                 | Quebec.....          | Sloop.....     | Portouf, Que.....                               | 45 6  | 15 0 | 5 0  | 21  | Léandre Bonchard, Portouf, Que.  |
| 100778 | Gambetta.....  | Chatham, N.B.....    | Schr—Glt.....  | Caruquet, N.B.....                              | 36 0  | 12 8 | 5 4  | 13  | W. S. Loggie Co., Ltd., Chatham, N.B.  |
| 129922 | Gander.....  | Chatham, N.B.....    | Schr—Glt.....  | Re-baill, N.B.....                              | 32 9  | 10 0 | 4 9  | 10  | Harold Williston, Bay du Vin, N.B.   |
| 140944 | Gardner No. 3.....                                     | Victoria.....        | Barge—Chd..... | Bay du Vin, N.B.....                            | 60 0  | 21 5 | 5 1  | 54  | Wm. E. Gardner, Victoria, B.C.   |
| 1      | Formerly "Annie." 2A recovered wreck.                  |                      |                | Victoria, B.C.....                              |       |      |      |     |  |
| 1      | Formerly "C.C. Co. No. 7." 3Formerly "C.C. Co. No. 9." |                      |                | Victoria, B.C.....                              |       |      |      |     |  |
| 1      | Formerly "E. E. H. III." 4Formerly "E. E. H. II."      |                      |                | Victoria, B.C.....                              |       |      |      |     |  |
| 1      | Formerly "Tyree."                                      |                      |                | Victoria, B.C.....                              |       |      |      |     |  |

ALPHABETICAL List of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.  
 © Equipped with Wireless—Muni de la T.S.F.—Abbréviations—Abbreviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Rig.<br>Gréement. | Build.<br>Construction | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10 <sup>es</sup> . | Breadth in feet and 10ths.<br>Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths.<br>Profondeur en pieds et 10 <sup>es</sup> . | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|--------------------------------|---|-------------------|------------------------|---------------------------------------|--|--|---|--|---|
| 141153                              | Gardner No. 4.                 | Victoria.                                   | Sloop—Chd.        | 1913                   | Victoria, B.C.                        | 60 0   | 22 0   | 5 9   | 53   | Wm. E. Gardner, Victoria, B.C.  |
| 140945                              | Gardner No. 7.                 | Victoria.                                   | Barge—Chd.        | 1913                   | Victoria, B.C.                        | 75 0   | 28 2   | 6 6   | 114  | Wm. E. Gardner, Victoria, B.C.  |
| 140940                              | Gardner No. 8.                 | Victoria.                                   | Barge—Chd.        | 1914                   | Victoria, B.C.                        | 51 7   | 19 5   | 4 7   | 31   | Wm. E. Gardner, Victoria, B.C.  |
| 140947                              | Gardner No. 9.                 | Victoria.                                   | Barge—Chd.        | 1914                   | Victoria, B.C.                        | 60 0   | 24 0   | 5 0   | 58   | Wm. E. Gardner, Victoria, B.C.  |
| 140948                              | Gardner No. 11.                | Victoria.                                   | Barge—Chd.        | 1914                   | Victoria, B.C.                        | 63 8   | 24 0   | 5 5   | 70   | Wm. E. Gardner, Victoria, B.C.  |
| 138426                              | Gardner.                       | Paspébiac.                                  | Sloop—Glt.        | 1920                   | Paspébiac, Que.                       | 76 0   | 19 6   | 8 1   | 55   | Le Bontillier Bros. Co., Paspébiac, Que.  |
| 116525                              | Gatherer.                      | Lanenburg.                                  | Sloop—Glt.        | 1905                   | Lanenburg, N.S.                       | 44 4   | 13 4   | 6 2   | 15   | Frank W. Leslie, Grandstone, M.L., Que.   |
| 99639                               | Garthsmid.                     | Montreal.                                   | Bk—Bq.            | 1892                   | Dumbarton, G. E.                      | 253 0  | 36 2   | 21 7  | 1318                                       | Marine Navigation Company of Canada, Ltd., 207 St. James St., Montreal, Que.          |
| 111464                              | Gazelle.                       | Chatham, N.B.                               | Sloop—Glt.        | 1901                   | Carriquet, N.B.                       | 38 5   | 13 0   | 5 3   | 13   | Robin Jones, & Whitman, Ltd., Halifax, N.S.   |
| 100954                              | Gazelle.                       | Chatham, N.B.                               | Sloop—Glt.        | 1890                   | Carriquet, N.B.                       | 36 8   | 12 2   | 4 6   | 10   | W. S. Loggie Co., Ltd., Chatham, N.B.   |
| 59379                               | Gazelle.                       | St. Andrews.                                | Sloop—Glt.        | 1869                   | Pembroke, Me., U.S.A.                 | 37 0   | 18 5   | 8 0   | 47   | Wm. Dewey, et al., Sackville, N.B.  |
| 96733                               | Gen.                           | Chatham, N.B.                               | Sloop—Glt.        | 1890                   | Tranville, N.B.                       | 35 1   | 11 7   | 5 0   | 12   | Robin Jones & Whitman, Ltd., Halifax, N.S.  |
| 100968                              | Gen.                           | Chatham, N.B.                               | Sloop—Glt.        | 1888                   | Carriquet, N.B.                       | 35 0   | 12 2   | 4 5   | 11   | C. Robin, Colles & Co., Ltd., Halifax, N.S.   |
| 141565                              | General Fairchild.             | Vancouver.                                  | Barge—Chd.        | 1874                   | Presport, Me., U.S.A.                 | 203 4  | 35 8   | 24 3  | 1312                                       | Coastwise Steamship Barge Co., Ltd., 813-718 Granville St., Vancouver, B.C.           |
| 141161                              | General George C. Hoeg.        | Parrsboro.                                  | Sloop—Glt.        | 1918                   | Canning, N.S.                         | 146 5  | 34 5   | 12 5  | 407  | "P" Shipping Co., Ltd., St. John's, Nfld.   |
| 138557                              | General Harg.                  | Lanenburg.                                  | Sloop—Glt.        | 1918                   | Lanenburg, N.S.                       | 118 2  | 26 5   | 10 6  | 109  | B. C. Smith, M. O., Lunenburg, N.S.   |
| 112192                              | General Menard.                | Chatham, Ont.                               | Dredge—Drague     | 1894                   | Toledo, O., U.S.A.                    | 72 5   | 25 8   | 7 0   | 244  | C. S. Boone Dredging & Constr'n Co., Ltd., Toronto, Ont.                              |
| 88068                               | General Middleton.             | Charlottetown.                              | Sloop—Glt.        | 1885                   | Bay du Vin, N.B.                      | 21 5   | 8 4  | 5 1   | 67   | Harvey Taker, Grand Entry, M.L., Que.   |
| 140873                              | General Pan.                   | Jasperpool.                                 | Sloop—Glt.        | 1919                   | Brooklyn, N.S.                        | 68 1   | 32 0   | 12 7  | 329  | Geo. S. McClear, et al., Liverpool, N.S.  |
| 140877                              | General Plummer.               | Jasperpool.                                 | Sloop—Glt.        | 1919                   | Sheldburne, N.S.                      | 102 4  | 26 0   | 10 3  | 149  | Geo. C. Harris, et al., Grand Bank, Nfld.   |
| 141084                              | General Smuts.                 | Sheldburne.                                 | Sloop—Glt.        | 1919                   | Sheldburne, N.S.                      | 107 3  | 30 2   | 10 2  | 159  | Geo. C. Harris, et al., Grand Bank, Nfld.   |
| 141642                              | General Trenchard.             | Liverpool.                                  | Sloop—Glt.        | 1920                   | Albionville, N.S.                     | 106 5  | 26 2   | 10 4  | 149  | Geo. C. Harris, et al., Grand Bank Nfld.  |
| 103766                              | Genesta.                       | Chatham, N.B.                               | Sloop—Glt.        | 1896                   | Carriquet, N.B.                       | 34 9   | 12 0   | 5 0   | 12   | Joseph P. Chiasson, Shippagan, N.B.   |
| 90711                               | Genesta.                       | Halifax.                                    | Sloop—Glt.        | 1885                   | Malone Bay, N.S.                      | 58 9   | 19 0   | 7 2   | 41   | Augustus Vincent, Bay St. George, Nfld.   |
| 121885                              | Genesta.                       | Yarmouth.                                   | Stoop.            | 1906                   | Pulnico, N.S.                         | 35 0   | 11 5   | 5 6   | 13   | William M. D'Entremont, M.O., Puleno, N.S.  |
| 100818                              | Genève Ethel.                  | Charlottetown.                              | Sloop—Glt.        | 1903                   | Shag Harbour, N.S.                    | 34 7   | 12 0   | 6 6   | 20   | Frank N. Vessey, Charlottetown, P.E.I.  |
| 17041                               | Genèveve.                      | Barrington Passage.                         | Stoop.            | 1903                   | Shag Harbour, N.S.                    | 32 3   | 12 0   | 6 0   | 11   | C. A. Goreham, M.O., Wood's Harbour, N.S.   |
| 134288                              | Genoa No. 1.                   | Victoria.                                   | Barge—Chd.        | 1913                   | Victoria, B.C.                        | 70 0   | 28 0   | 5 5   | 89   | Genoa Bay Lumber Co., Ltd., Victoria, B.C.  |
| 134289                              | Genoa No. 2.                   | Victoria.                                   | Barge—Chd.        | 1913                   | Victoria, B.C.                        | 70 0   | 28 0   | 5 5   | 89   | Genoa Bay Lumber Co., Ltd., Victoria, B.C.  |
| 53321                               | Geo.                           | Ottawa, Ont.                                | Barge—Chd.        | 1881                   | Ottawa, Ont.                          | 109 6  | 22 2   | 7 3   | 192  | Alphonse Laplante, Laehine, Que.  |
| 130926                              | Geo. Dansoreau.                | Montreal.                                   | Barge—Chd.        | 1912                   | Grenville, Que.                       | 110 3  | 22 0   | 7 5   | 145  | George Dansoreau, Grenville, Que.   |



| Name                      | Owner              | Tonnage | Registered | Home Port                    | Agent |
|---------------------------|--------------------|---------|------------|------------------------------|-------|
| 77819 George Dow          | Stimcoe            | 4       | 13         | Long Point, Ont.             |       |
| 126069 George Groat       | Chatham, N.B.      | 6       | 0          | Chatham, N.B.                |       |
| 92292 George H. Morse     | Ottawa             | 26      | 3          | Ottawa                       |       |
| 72073 George H. Weeks     | Yarmouth           | 22      | 6          | Yarmouth                     |       |
| 122067 George L.          | Yarmouth           | 14      | 9          | Yarmouth                     |       |
| 134481 George R.          | Montreal           | 12      | 2          | Montreal                     |       |
| 107233 George T. Davie    | Montreal           | 31      | 0          | Three Rivers, Que.           |       |
| 92546 Georgianna          | Montreal           | 17      | 5          | St. Joseph de Lévis, Que.    |       |
| 122092 George M. Smith    | Yarmouth           | 53      | 6          | Valleyfield, Que.            |       |
| 116950 Georgina           | Chatham, N.B.      | 31      | 0          | Olyde, N.S.                  |       |
| 126094 Geraldine Battle   | St. Catharines     | 38      | 6          | Shippagan, N.B.              |       |
| 107997 Gerlie Bell        | Sorel              | 138     | 7          | U.S.A.                       |       |
| 100447 Gerlie H.          | Canso              | 104     | 7          | Yamaska, Que.                |       |
| 107330 Gerlie M. Starr    | Canso              | 37      | 0          | Country Harbour, N.S.        |       |
| 122142 Gertrude Parsons   | Windsor, N.S.      | 10      | 3          | Tiverton, N.S.               |       |
| 141697 Giant King         | Lambert            | 54      | 0          | Booth's Bay, Me., U.S.A.     |       |
| 103356 Gilbert B.         | Archeat            | 44      | 0          | Owl's Head, N.S.             |       |
| 141064 Gilbert B. Walters | Lambert            | 30      | 0          | Barrington, N.S.             |       |
| 138139 Gilly              | Quebec             | 132     | 5          | Cheriton, N.S.               |       |
| 117951 Gilly No. 1        | New Westminster    | 127     | 1          | La Have, N.S.                |       |
| 117571 Gilly No. 2        | New Westminster    | 43      | 8          | Cape George, N.S.            |       |
| 117157 Gilly No. 3        | New Westminster    | 25      | 9          | Ause, St. Jean, Que.         |       |
| 117156 Gilly No. 4        | New Westminster    | 73      | 0          | New Westminster, B.C.        |       |
| 138971 Gilly No. 5        | New Westminster    | 85      | 0          | New Westminster, B.C.        |       |
| 103396 Gimer              | Chatham, N.B.      | 76      | 2          | Vancouver, B.C.              |       |
| 111848 Gipsy              | Chatham, N.B.      | 68      | 0          | New Westminster, B.C.        |       |
| 92359 Glacier             | Lambert            | 30      | 0          | Carquet, N.B.                |       |
| 138257 Glacier            | Parrsboro'         | 38      | 2          | Carquet, N.B.                |       |
| 72332 Glad Tidings        | St. John, N.B.     | 39      | 0          | Waterside, N.B.              |       |
| 112138 Gladstoe           | Chatham, N.B.      | 52      | 3          | Lambert, N.S.                |       |
| 100989 Gladstoe           | Chatham, N.B.      | 76      | 0          | Greenwich, N.B.              |       |
| 100964 Gladstone          | Chatham, N.B.      | 12      | 0          | Carquet, N.B.                |       |
| 116827 Gladys             | Barrington Passage | 36      | 0          | Sheburne, N.B.               |       |
| 130584 Gladys E. B.       | Halifax            | 31      | 6          | Carquet, N.B.                |       |
| 94944 Gladys E. Whidden   | Liverpool          | 31      | 9          | Clarke's Harbour, N.S.       |       |
| 126837 Gladys G. Hart     | Liverpool          | 47      | 2          | Tancook, N.S.                |       |
| 126469 Gladys H.          | Montreal           | 104     | 0          | Liverpool, N.S.              |       |
| 122463 Gladys M.          | Yarmouth           | 53      | 2          | Tancook, N.S.                |       |
| 138832 Gladys Moshor      | Lambert            | 212     | 0          | West Bay City, Mich., U.S.A. |       |
| 122574 Gladys Oha         | Yarmouth           | 39      | 0          | Shurety's Island, N.S.       |       |
| 122305 Gladys S.          | Lambert            | 112     | 0          | Lambert, N.S.                |       |
| 100910 Glenora            | Chatham, N.B.      | 33      | 0          | Tusket Wedge, N.S.           |       |
| 130424 Glenoid            | St. Andrews        | 38      | 4          | La Have, N.S.                |       |
| 107916 Glenida C.         | St. Andrews        | 38      | 0          | Carquet, N.B.                |       |
| 111742 Glenwood           | Lambert            | 41      | 0          | Waldoboro, Maine, U.S.A.     |       |
| 100108 Glooscap           | Windsor, N.S.      | 23      | 1          | Grand Manan, N.B.            |       |
| 117137 Glooscap           | Yarmouth           | 109     | 3          | Clyde River, N.S.            |       |
| 103232 Glynda             | Lambert            | 238     | 1          | Spencer's Island, N.S.       |       |
| 122612 Goderich           | Goderich           | 34      | 0          | Tusket Wedge, N.S.           |       |
| 64573 Gold Finder         | St. John, N.B.     | 82      | 0          | La Have, N.S.                |       |
| 107775 Gold Seeker        | Chatham, N.B.      | 72      | 2          | Goderich, Ont.               |       |
|                           |                    | (1886)  |            | Westfield, N.B.              |       |
|                           |                    |         |            | Carquet, N.B.                |       |
|                           |                    |         |            | Formerly "Sandy Hook".       |       |
|                           |                    |         |            | Formerly "B et T."           |       |
|                           |                    |         |            | Formerly "Congo."            |       |
|                           |                    |         |            | Formerly "Aberdeen."         |       |

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.  
 ©Equipped with Wireless—Muni de la T. S. F.—Abbreviations—Abréviations: J.O., Joint Owners; propriétaires conjoints; M.O., Managing owner; propriétaires gérant;

| Official Number<br>Numéro officiel. | Name of Ship<br>Nom du navire. | Port of Registry<br>Port d'enregistrement. | Rig.<br>Gréement. | Build.<br>Construction. | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|--------------------------------|--|-------------------|-------------------------|---------------------------------------|---|---|--|--|---|
| 92586                               | Golden Boy.....                | Quebec.....                                | Schr—Glt.         | 1891                    | Anticosti, Que.                       | 71 2  | 20 0  | 8 7  | 61   | Maintoucan & Fendish Bay Export Co., Quebec, Que.                                     |
| 100270                              | Golden Light.....              | Windsor, N. S.....                         | Schr—Glt.         | 1892                    | Blandon, N. S.                        | 45 5  | 5 0   | 5 0  | 24   | Sir F. W. Borden, Canning, N. S.  |
| 116507                              | Golden Rod.....                | Lunenburg.....                             | Schr—Glt.         | 1904                    | LaHave, N. S.                         | 69 8  | 22 2  | 8 6  | 76   | James H. Bayner, Pleasant Harbour, N. S.  |
| 107432                              | Golden Rule.....               | Barrington Passage.....                    | Schr—Glt.         | 1862                    | Kensbank, Me., U. S. A.               | 62 0  | 18 2  | 6 7  | 49   | Edward Bisnor, M. O., Chester, N. S.  |
| 134049                              | Golden West.....               | Lunenburg.....                             | Schr—Glt.         | 1914                    | Lunenburg, N. S.                      | 90 2  | 24 0  | 9 4  | 82   | W. Norman Reinhardt, M. O., LaHave, N. S.   |
| 107472                              | Goidia G.....                  | Diebly.....                                | Schr—Glt.         | 1899                    | Young's Cove, N. S.                   | 44 5  | 12 6  | 5 2  | 15   | Watson Guest, et al., Young's Cove, N. S.   |
| 122401                              | Good Intent.....               | Chartham, N. B.....                        | Schr—Glt.         | 1907                    | Maismettes, N. B.                     | 32 0  | 12 0  | 4 5  | 10   | James W. Nixon, New Bandon, N. B.   |
| 96850                               | Good News.....                 | Toronto.....                               | Schr—Glt.         | 1894                    | Sand Beach, U. S. A.                  | 42 0  | 13 0  | 4 5  | 18   | John West, Toronto, Ont.  |
| 130381                              | Gordon Martin.....             | Sydney, N. S.....                          | Schr—Glt.         | 1910                    | Balls Creek, N. S.                    | 35 0  | 13 1  | 10 0   | 16   | John Kayvanagh, New Waterford, N. S.  |
| 104071                              | Gordon T. Tibbo.....           | Liverpool.....                             | Schr—Glt.         | 1918                    | Liverpool, N. S.                      | 121 0   | 26 4  | 11 6   | 154  | James C. Bellman, Grand Bank, Nfld.   |
| 103871                              | Grace.....                     | Montreal.....                              | Schr—Chd.         | 1894                    | Taleo, Ohio, U. S. A.                 | 91 6  | 26 7  | 5 1  | 100  | The Montreal Sarr & Gravel Co., Ltd., Montreal, Que.                                  |
| 141631                              | Grace D. Roelmer.....          | LaHave.....                                | Schr—Glt.         | 1919                    | West LaHave, N. S.                    | 112 4   | 26 4  | 10 6   | 64   | Thos. A. Mossman, Rose Bay, N. S.   |
| 122003                              | Grace Darling.....             | LaHave.....                                | Schr—Glt.         | 1908                    | Malbone Bay, N. S.                    | 66 6  | 23 0  | 8 2  | 61   | W. Norman Reinhardt, et al., LaHave, N. S.  |
| 116680                              | Grace Durling.....             | St. Andrews.....                           | Sloop.....        | 1904                    | Shelburne, N. S.                      | 38 0  | 13 0  | 5 2  | 12   | Judson L. Caplin, Grand Manan, N. B.  |
| 137888                              | Grace Hilda.....               | Lunenburg.....                             | Schr—Glt.         | 1916                    | LaHave, N. S.                         | 75 8  | 23 5  | 9 0  | 83   | J. N. Rafuse, M. O., LaHave, N. S.  |
| 111968                              | Grace M. Filer.....            | Pictou, Ont.....                           | Schr—Glt.         | 1874                    | Chicago, Ill., U. S. A.               | 125 5   | 27 3  | 9 6  | 215  | Joe Fagan, Belleville, Ont., and F. A. Smith, Belleville, Ont.                        |
| 141686                              | Grace P. Filer.....            | Lunenburg.....                             | Schr—Glt.         | 1920                    | Chester Basin, N. S.                  | 124 0   | 26 6  | 11 0   | 114  | Wm. Duff, M. O., Lunenburg, N. S.   |
| 107910                              | Grace & Ethel.....             | St. Andrews.....                           | Sloop.....        | 1899                    | St. John, N. B.                       | 34 0  | 13 0  | 5 5  | 16   | Robert Ingersoll, Grand Manan, N. B.  |
| 107534                              | Gracie C.....                  | St. John, N. B.....                        | Sloop.....        | 1898                    | Milledgeville, N. B.                  | 24 7  | 7 3   | 2 3  | 3  | J. B. Day, St. John, N. B.  |
| 133879                              | Grumbo No. 1.....              | Vancouver.....                             | Barge—Chd.        | 1875                    | Bath, Me., U. S. A.                   | 205 6   | 39 0  | 24 0   | 1294                                       | Cons-wise Steamship & Barge Co., Ltd., 813-718 Granville St., Vancouver, B. C.        |
| 87185                               | Grumbo.....                    | Vancouver.....                             | Barge—Chd.        | 1883                    | Glasgow, G. B.                        | 275 0   | 35 1  | 19 9   | 2114                                       | Cons-wise Steamship & Barge Co., Ltd., 813-718 Granville St., Vancouver, B. C.        |
| 116731                              | Grand Desert.....              | Halifax.....                               | Schr—Glt.         | 1904                    | Grand Desert, N. S.                   | 74 0  | 21 6  | 8 3  | 65   | Allice Lafrance, House Harbour, M. I., Que., and M. Zeck, Amherst, M. I., Que.        |
| 88220                               | Grandee.....                   | Halifax.....                               | Schr—Glt.         | 1883                    | Malbone Bay, N. S.                    | 37 5  | 12 9  | 6 0  | 14   | Alexander Fougere, Halifax, N. S.   |
| 101296                              | Grandee.....                   | Sydney, N. S.....                          | Schr—Glt.         | 1873                    | Portsmouth, U. S. A.                  | 197 2   | 38 5  | 23 8   | 1262                                       | The Dominion Coal Co., Ltd., Montreal, Que.   |
| 107741                              | Granite.....                   | Pictou, Ont.....                           | Schr—Glt.         | 1899                    | Stella, Ont.                          | 50 0  | 14 1  | 14 5   | 21   | Fred A. Perry, Napanee, Ont.  |
| 133310                              | Granite.....                   | Lunenburg.....                             | Schr—Glt.         | 1913                    | Lunenburg, N. S.                      | 104 2   | 25 8  | 10 5   | 92   | William Richard, M. O., LaHave, N. S.   |
| 112157                              | Grasshopper.....               | Chartham, N. B.....                        | Schr—Glt.         | 1902                    | Lunenburg, N. B.                      | 42 0  | 14 0  | 5 9  | 16   | Philip Rive, Carriquet, N. B.   |
| 122490                              | Gratton.....                   | Quebec.....                                | Barge—Chd.        | 1907                    | St. Prédice, Que.                     | 121 6   | 32 0  | 7 7  | 250  | Lachance Limitee, 99 Dalhousie St., Quebec, Que.                                      |
| 116883                              | Graylag.....                   | Arichat.....                               | Schr—Glt.         | 1904                    | Port Mulgrave, N. S.                  | 41 0  | 12 0  | 6 6  | 25   | James Dunne, North Sydney, N. S.  |
| 126573                              | Great Dippet.....              | Port Hawkesbury.....                       | Schr—Glt.         | 1910                    | Grand Etang, N. S.                    | 40 0  | 11 4  | 5 5  | 10   | Joseph R. and David R. Doucet, Grand Etang, N. S.                                     |

SESSIONAL PAPER No. 22

| No.    | Name                       | Type          | Home Port        | Country       | Tonnage | Length | Breadth | Depth | Speed | Remarks   |
|--------|----------------------------|---------------|------------------|---------------|---------|--------|---------|-------|-------|---|
| 100992 | Great Mogul                | Sehr—Glt.     | Chatham, N.B.    | N.B.          | 34 0    | 13 0   | 4 4     |       |       | 11 P. Rive, Caraquet, N.B.  |
| 107906 | Green Linnet               | Sehr—Glt.     | Canso            | N.S.          | 37 0    | 12 6   | 6 0     |       |       | 12 John D. Ryan, Canso, N.S.  |
| 107435 | Greenback                  | Sehr—Glt.     | St. Andrews      | N.S.          | 38 0    | 14 7   | 8 0     |       |       | 22 Charles E. King, Grand Manan, N.B.   |
| 116738 | Greta                      | Sehr—Glt.     | Halifax          | N.S.          | 38 5    | 13 7   | 5 6     |       |       | 14 A. J. Burke, River Bourgeois, N.S.   |
| 137942 | Griff                      | Scow          | Vancouver        | U.S.A.        | 133 0   | 40 0   | 12 6    |       |       | 641 Coastwise Steamship & Barge Co., Ltd., 813-718 Granville St., Vancouver, B.C. |
| 141552 | Grifnip                    | Scow—Chd.     | Vancouver        | U.S.A.        | 100 0   | 32 2   | 9 8     |       |       | 271 Coastwise Steamship & Barge Co., Ltd., 813-178 Granville St., Vancouver, B.C. |
| 72719  | Grimsby                    | Sehr—Glt.     | St. Catharines   | Ont.          | 137 3   | 26 2   | 11 8    |       |       | 331 Dominion Sand & Barging Co., Ltd., Montreal, Que.                             |
| 92418  | Grip                       | Sehr—Glt.     | Chatham, N.B.    | N.B.          | 37 3    | 13 2   | 5 0     |       |       | 12 Gervais Chénard, Caraquet, N.B.  |
| 126577 | Gros Ours                  | Sehr—Glt.     | Port Hawkesbury  | N.S.          | 43 5    | 11 9   | 6 5     |       |       | 14 Emilian LeBlanc, et al., Grand Etang, N.S.                                     |
| 138082 | Grue No. 1                 | Scow—Chd.     | Quebec           | Que.          | 58 3    | 23 9   | 6 9     |       |       | 86 Lachance Laitée, 99 Dalhousie St., Quebec, Que.                                |
| 116591 | Gudrun                     | Sloop         | Montreal         | Que.          | 31 6    | 8 2    | 1 6     |       |       | 1 David A. Poir, Montreal, Que.   |
| 126223 | Guido                      | Sehr—Glt.     | Sarnia           | U.S.A.        | 114 9   | 24 9   | 7 3     |       |       | 95 William G. Atkinson, Whitby, Ont.  |
| 107363 | Guinea                     | Sehr—Glt.     | Charlottetown    | P.E.I.        | 32 5    | 11 6   | 4 7     |       |       | 10 William A. McDonald, Murray Harbour, P.E.I.                                    |
| 103394 | Gull                       | Sloop         | Deseronto        | N.Y., U.S.A.  | 52 0    | 15 0   | 5 0     |       |       | 25 Peter Coné, Belleville, Ont.   |
| 134307 | Gunn and Anderson Brothers | Sehr—Glt.     | Canso            | N.S.          | 140 4   | 33 4   | 12 1    |       |       | 362 C. W. Anderson, M.O., Slierbrooke, N.S.                                       |
| 132348 | Gwendolyn H.               | Sehr—Glt.     | Lunenburg        | N.S.          | 41 4    | 10 4   | 5 5     |       |       | 12 Joseph P. Chiasson, Grand Etang, N.S.  |
| 121976 | Gwenol                     | Sloop         | Montreal         | Que.          | 40 0    | 10 8   | 2 6     |       |       | 5 Arthur V. Wood, et al., Vancouver, B.C.   |
| 121827 | Gwenda                     | Sloop         | Victoria, B.C.   | B.C.          | 35 0    | 8 2    | 2 6     |       |       | 4 Dr. Win. B. Howell, West Montreal, Que.   |
| 126880 | Gyno                       | Sloop         | Digby            | N.S.          | 35 0    | 16 0   | 5 0     |       |       | 11 Edward Thomas, Westport, N.S.  |
| 117064 | H. No. 1                   | Barge—Chd.    | Ottawa           | Que.          | 35 8    | 13 0   | 4 0     |       |       | 24 John F. Hurdman, Ottawa, Ont.  |
| 117065 | H. No. 2                   | Barge—Chd.    | Ottawa           | Que.          | 48 0    | 13 0   | 4 0     |       |       | 28 John F. Hurdman, Ottawa, Ont.  |
| 117066 | H. No. 3                   | Barge—Chd.    | Ottawa           | Que.          | 48 0    | 13 0   | 4 0     |       |       | 28 John F. Hurdman, Ottawa, Ont.  |
| 117067 | H. No. 4                   | Barge—Chd.    | Ottawa           | Que.          | 52 0    | 13 0   | 4 0     |       |       | 29 John F. Hurdman, Ottawa, Ont.  |
| 117068 | H. No. 5                   | Barge—Chd.    | Ottawa           | Que.          | 52 0    | 13 0   | 4 0     |       |       | 29 John F. Hurdman, Ottawa, Ont.  |
| 134199 | H. 24                      | Seow—Chd.     | Sault Ste. Marie | Mich., U.S.A. | 68 0    | 24 0   | 8 0     |       |       | 156 Sydney L. Penhorwood, Sault Ste. Marie, Ont.                                  |
| 134200 | H. 41                      | Seow—Chd.     | Sault Ste. Marie | Mich., U.S.A. | 75 0    | 22 0   | 8 5     |       |       | 140 Sydney L. Penhorwood, Sault Ste. Marie, Ont.                                  |
| 134371 | H. 42                      | Seow—Chd.     | Sault Ste. Marie | Mich., U.S.A. | 75 0    | 20 0   | 8 5     |       |       | 128 Sydney L. Penhorwood, Sault Ste. Marie, Ont.                                  |
| 134372 | H. 43                      | Seow—Chd.     | Sault Ste. Marie | Mich., U.S.A. | 73 5    | 20 2   | 8 8     |       |       | 131 Sydney L. Penhorwood, Sault Ste. Marie, Ont.                                  |
| 134373 | H. 44                      | Seow—Chd.     | Sault Ste. Marie | Mich., U.S.A. | 60 0    | 20 0   | 6 0     |       |       | 72 Sydney L. Penhorwood, Sault Ste. Marie, Ont.                                   |
| 134374 | H. 45                      | Seow—Chd.     | Sault Ste. Marie | Mich., U.S.A. | 73 5    | 22 0   | 8 0     |       |       | 129 Sydney L. Penhorwood, Sault Ste. Marie, Ont.                                  |
| 85750  | H. B.                      | Sehr—Glt.     | Quebec           | Que.          | 63 5    | 21 0   | 8 2     |       |       | 57 Edouard Boudreault, Esquimaux Point, Que.                                      |
| 126256 | H. C. 3                    | Seow—Chd.     | Chatham, N.B.    | N.B.          | 35 0    | 35 0   | 7 0     |       |       | 204 Northern Dredging & Construction Co., Ltd., Loggieville, N.B.                 |
| 126257 | H. C. 4                    | Seow—Chd.     | Chatham, N.B.    | N.B.          | 33 0    | 35 0   | 7 0     |       |       | 204 Northern Dredging & Construction Co., Ltd., Loggieville, N.B.                 |
| 130921 | H. C. M. No. 5             | Dredge—Dragne | Montreal         | Que.          | 104 4   | 36 2   | 8 7     |       |       | 498 Harbour Commissioners of Montreal, 57 Common St., Montreal, Que.              |
| 138069 | H. C. M. 1                 | Seow—Chd.     | Montreal         | Que.          | 75 5    | 27 2   | 6 4     |       |       | 107 Harbour Commissioners of Montreal, 57 Common St., Montreal, Que.              |
| 138100 | H. N. C. 1                 | Seow—Chd.     | Montreal         | Que.          | 77 0    | 27 2   | 6 4     |       |       | 198 Harbour Commissioners of Montreal, 57 Common St., Montreal, Que.              |
| 138101 | H. N. C. 3                 | Seow—Chd.     | Montreal         | Que.          | 80 5    | 27 0   | 5 9     |       |       | 197 Harbour Commissioners of Montreal, 57 Common St., Montreal, Que.              |
| 138102 | H. N. C. 4                 | Seow—Chd.     | Montreal         | Que.          | 80 1    | 27 1   | 5 8     |       |       | 195 Harbour Commissioners of Montreal, 57 Common St., Montreal, Que.              |

\*Formerly "No. 5." \*Formerly "Oregon." \*Formerly "Barracouta." \*Foreign name "Pioneer Sand & Gravel Co. No. 10." \*Foreign name "Griffin."

## ALPHABETICAL List of Sailing Vessels on Registry Books in Canada, December 31, 1920.

## LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

① Equipped with Wireless—Muni de la T. S. F.—Abbréviations: J.O., Joint owners; M.O., Managing owner; propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Rig.<br>Gréement. | Build<br>Construct | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|---------------------------------|---|-------------------|--------------------|---------------------------------------|---|---|--|--|---|
| 138103                              | H. C. M. Derrick<br>No. 6       | Montreal                                    | Scow—Chd.         | 1913               | Montreal, Que.                        | 80 1  | 27 0  | 5 9  | 196  | Harbour Commissioners of Montreal,<br>Montreal, Que.                                  |
| 138104                              | H. C. M. Derrick<br>No. 7       | Montreal                                    | Scow—Chd.         | 1914               | Montreal, Que.                        | 87 1  | 31 1  | 7 2  | 288  | Montreal Light, Heat and Power Consolidated, 83 Craig<br>St., Montreal, Que.          |
| 138097                              | H. C. M. Dredge<br>No. 6        | Montreal                                    | Dredge—Drague     | 1911               | Sorel, Que.                           | 101 2   | 39 2  | 8 9  | 550  | Harbour Commissioners of Montreal, 57 Common St.,<br>Montreal, Que.                   |
| 138098                              | H. C. M. Drill Boat<br>No. 1    | Montreal                                    | Scow—Chd.         | 1910               | Montreal, Que.                        | 80 3  | 27 3  | 4 0  | 198  | Harbour Commissioners of Montreal, 57 Common St.,<br>Montreal, Que.                   |
| 131143                              | H. M. C. No. 1.                 | St. John, N.B.                              | Scow—Chd.         | 1912               | Godfrich, Ont.                        | 97 6  | 31 2  | 8 1  | 215  | The Maritime Dredging & Construction Co., Ltd., St. John,<br>N.B.                     |
| 134144                              | H. M. C. No. 2.                 | St. John, N.B.                              | Scow—Chd.         | 1912               | Godfrich, Ont.                        | 97 6  | 31 2  | 8 4  | 263  | The Maritime Dredging & Construction Co., Ltd., St. John,<br>N.B.                     |
| 134147                              | H. M. C. No. 3.                 | St. John, N.B.                              | Scow—Chd.         | 1911               | St. John, N.B.                        | 69 6  | 22 0  | 6 5  | 69   | The Maritime Dredging & Construction Co., Ltd., St. John,<br>N.B.                     |
| 134150                              | H. M. C. No. 6.                 | St. John, N.B.                              | Scow—Chd.         | 1911               | St. John, N.B.                        | 60 4  | 30 2  | 4 5  | 129  | The Maritime Dredging & Construction Co., Ltd., St. John,<br>N.B.                     |
| 134151                              | H. M. C. No. 7.                 | St. John, N.B.                              | Scow—Chd.         | 1911               | St. John, N.B.                        | 14 9  | 16 2  | 3 0  | 17   | The Maritime Dredging & Construction Co., Ltd., St. John,<br>N.B.                     |
| 134152                              | H. M. C. No. 8.                 | St. John, N.B.                              | Scow—Chd.         | 1911               | St. John, N.B.                        | 37 0  | 14 0  | 2 5  | 33   | The Maritime Dredging & Construction Co., Ltd., St. John,<br>N.B.                     |
| 130809                              | H. S. G. Co., No. 1.            | Vancouver                                   | Dredge—Drague     | 1910               | Vancouver, B.C.                       | 64 0  | 24 0  | 5 7  | 171  | Howe Sound Gravel Co., Ltd., Vancouver, B.C.  |
| 140895                              | H. S. M. A.                     | Vancouver                                   | Scow—Chd.         | 1911               | Vancouver, B.C.                       | 69 7  | 25 7  | 6 2  | 91   | B. C. Mills Tug & Barge Co., Ltd., Foot Dunlevy Ave.,<br>Vancouver, B.C.              |
| 140893                              | H. S. M. B.                     | Vancouver                                   | Scow—Chd.         | 1906               | Vancouver, B.C.                       | 91 9  | 31 8  | 7 4  | 185  | B. C. Mills Tug & Barge Co., Ltd., Foot Dunlevy Ave.,<br>Vancouver, B.C.              |
| 126201                              | H. S. M. C.                     | Vancouver                                   | Scow—Chd.         | 1906               | Vancouver, B.C.                       | 83 0  | 28 9  | 6 8  | 155  | B. C. Mills Tug & Barge Co., Ltd., Foot Dunlevy Ave.,<br>Vancouver, B.C.              |
| 130755                              | H. S. M. D.                     | Vancouver                                   | Scow—Chd.         | 1911               | Vancouver, B.C.                       | 77 3  | 32 1  | 6 6  | 148  | B. C. Mills Tug & Barge Co., Ltd., Foot Dunlevy Ave.,<br>Vancouver, B.C.              |
| 140894                              | H. S. M. E.                     | Vancouver                                   | Scow—Chd.         | 1907               | Vancouver, B.C.                       | 68 0  | 26 0  | 6 0  | 88   | B. C. Mills Tug & Barge Co., Ltd., Foot Dunlevy Ave.,<br>Vancouver, B.C.              |
| 140895                              | H. S. M. H.                     | Vancouver                                   | Scow—Chd.         | 1909               | Vancouver, B.C.                       | 93 8  | 31 6  | 7 4  | 183  | B. C. Mills Tug & Barge Co., Ltd., Foot Dunlevy Ave.,<br>Vancouver, B.C.              |

SESSIONAL PAPER No. 22

| No.    | Name              | Type         | Tonnage | Year | Home Port                     | Agent |
|--------|-------------------|--------------|---------|------|-------------------------------|-------|
| 140896 | H. S. M. O.       | Scow—Chd.    | 62 7    | 24 0 | Vancouver, B.C.               | 1911  |
| 140897 | H. S. M. S.       | Scow—Chd.    | 68 4    | 26 0 | Vancouver, B.C.               | 1906  |
| 96756  | H. A. Holder      | Schr—Glt.    | 81 7    | 27 0 | Greenwich, N.B.               | 1889  |
| 111418 | H. H. Kitchener   | Schr—Glt.    | 90 2    | 23 0 | La Have, N.S.                 | 1900  |
| 133807 | H. H. MacIntosh   | Schr—Glt.    | 108 3   | 26 2 | Port Bays, N.S.               | 1913  |
| 72580  | H. M. Stanley     | Schr—Glt.    | 132 3   | 25 6 | Royal Dalhousie, Ont.         | 1873  |
| 137930 | H. P. Albert      | Schr—Glt.    | 46 5    | 13 0 | Necuse, N.B.                  | 1916  |
| 100856 | H. Albert         | Schr—Glt.    | 54 6    | 13 0 | Les Ecuries, Que.             | 1892  |
| 112284 | Haines Bros.      | Schr—Glt.    | 55 6    | 17 8 | Metchuan, N.S.                | 1902  |
| 90730  | Halifax           | Cutter       | 33 2    | 6 4  | Dartmouth, N.B.               | 1887  |
| 121835 | Halytan           | Schr—Glt.    | 44 7    | 15 6 | Cambridgeport, N.B.           | 1905  |
| 92482  | Hamilton          | Schr—Glt.    | 216 2   | 43 0 | Hantsport, N.S.               | 1837  |
| 103337 | Hamilton          | Barge—Chd.   | 173 0   | 26 0 | Niagara, Ont.                 | 1895  |
| 111661 | Hamilton          | Barge—Chd.   | 202 2   | 41 0 | Sorel, Que.                   | 1901  |
| 141022 | Hanbury No. 1.    | Barge—Chd.   | 80 7    | 32 0 | Hamilton, Ont.                | 1911  |
| 141213 | Hanbury No. 3.    | Scow—Chd.    | 75 2    | 26 2 | Vancouver, B.C.               | 1910  |
| 141214 | Hanbury No. 4.    | Scow—Chd.    | 81 0    | 26 0 | Vancouver, B.C.               | 1911  |
| 141215 | Hanbury No. 5.    | Scow—Chd.    | 75 4    | 24 0 | Vancouver, B.C.               | 1911  |
| 141216 | Hanbury No. 6.    | Scow—Chd.    | 81 2    | 27 1 | Vancouver, B.C.               | 1911  |
| 116287 | Handy Andy        | Schr—Glt.    | 37 3    | 12 2 | Sheet Harbour, N.S.           | 1903  |
| 74128  | Happy-Go-Lucky    | Schr—Glt.    | 56 0    | 11 0 | Port Medway, N.S.             | 1877  |
| 100815 | Happy Home        | Schr—Glt.    | 36 0    | 13 0 | Cape Negro, N.S.              | 1894  |
| 111849 | Happy Home        | Schr—Glt.    | 40 0    | 13 0 | Carquet, N.B.                 | 1902  |
| 116962 | Happy Home        | Schr—Glt.    | 37 5    | 15 6 | Pennfield, N.B.               | 1904  |
| 122341 | Hardy             | Schr—Glt.    | 66 0    | 19 3 | Toronto, Ont.                 | 1905  |
| 141635 | Harold Conrad     | Dredge—Drage | 123 2   | 27 4 | Yarmouth, N.S.                | 1919  |
| 100956 | Harold N.         | Schr—Glt.    | 36 4    | 12 1 | Shippigan, N.B.               | 1893  |
| 130678 | Harper            | Schr—Glt.    | 40 8    | 9 8  | Little Tanook, N.S.           | 1908  |
| 106769 | Harriet D.        | Barge—Chd.   | 163 9   | 32 5 | Mount Clemens, N. Y.          | 1885  |
| 138620 | Harry A. McLennan | Barge—Chd.   | 178 4   | 35 2 | Campbellton, N.B.             | 1919  |
| 80835  | Harry B.          | Schr—Glt.    | 67 0    | 21 8 | Bridgewater, N.S.             | 1880  |
| 116688 | Harry Dickson     | Schr—Glt.    | 57 8    | 17 5 | Liverpool, N.S.               | 1898  |
| 110894 | Harry M. Johnson  | Schr—Glt.    | 32 8    | 11 8 | Richibucto, N.B.              | 1909  |
| 138572 | Harsco            | Sloop        | 38 4    | 12 0 | Yarmouth, N.S.                | 1904  |
| 116322 | Harvey W.         | Barge—Chd.   | 144 0   | 40 0 | Duluth, Minn., U.S.A.         | 1916  |
| 107811 | Hastings          | Schr—Glt.    | 123 3   | 32 2 | Port Greenville, N.S.         | 1903  |
| 141665 | Haswell           | Barge—Chd.   | 61 0    | 15 5 | Burnett's Mills Landing, Ont. | 1897  |
| 85401  | Hattie            | Schr—Glt.    | 52 6    | 14 1 | Bristol, R.I., U.S.A.         | 1915  |
| 112129 | Hattie            | Schr—Glt.    | 47 5    | 17 5 | Green Cove, N.S.              | 1884  |
| 106588 | Hattie            | Schr—Glt.    | 54 4    | 17 0 | Lunenburg, N.S.               | 1903  |
| 122248 | Hattie B.         | Schr—Glt.    | 54 7    | 17 0 | Aspy Bay, N.S.                | 1894  |
| 85358  | Hattie C.         | Sloop        | 25 0    | 11 0 | Metchuan, N.S.                | 1903  |
| 112130 | Hattie C.         | Schr—Glt.    | 97 5    | 26 0 | Hopewell Cape, N.B.           | 1883  |
| 104671 | Hattie L.         | Schr—Glt.    | 130 0   | 28 4 | Sagaueque, Mich., U.S.A.      | 1873  |
|        |                   | Sloop        | 29 6    | 12 0 | Musquash, N.B.                | 1880  |

\*Foreign name "Eleonor."      †Formerly a steamer.      ‡Formerly "Jessie H. Brock."      §A recovered wreck.

|      |  |      |       |      |
|------|--|------|-------|------|
| 73   | B.C. Mills Tug & Barge Co., Ltd., Foot Dunlevy Ave., Vancouver, B.C.     | 5 9  | 24 0  | 1911 |
| 87   | B.C. Mills Tug & Barge Co., Ltd., Foot Dunlevy Ave., Vancouver, B.C.     | 5 9  | 26 0  | 1906 |
| 94   | John Wasson, et al., Two Islands, N.S.                                   | 7 1  | 27 0  | 1889 |
| 100  | Howard Murray, Charlottetown, P.E.I., and Jeremiah Murray, Sidney, N.S.  | 10 0 | 23 0  | 1900 |
| 95   | Melanie M. Gardner, et al., Lunenburg, N.S.                              | 10 6 | 26 2  | 1913 |
| 305  | The Mackay Trust Co., Ltd., Highland, Ont.                               | 11 7 | 102 3 | 1873 |
| 31   | Fredrick H. Albert, Neguac, N.B.   | 6 0  | 46 5  | 1916 |
| 27   | Joseph N. Dussault, Les Ecuries, Que.                                    | 6 6  | 54 6  | 1892 |
| 46   | Charles M. Hicks and Arthur J. Hicks, Westport, N.S.                     | 6 9  | 55 6  | 1902 |
| 37   | Shapel Trust, Shelton, England   | 5 5  | 33 2  | 1887 |
| 31   | Warren A. E. Dykeman, Cambridge, N.B.                                    | 8 3  | 44 7  | 1905 |
| 1412 | The Gypsum Packet Co., Ltd., Windsor, N.S.                               | 23 1 | 216 2 | 1837 |
| 443  | Grant Cooper, Toronto, Ont.  | 11 4 | 173 0 | 1895 |
| 970  | Montreal Transportation Co., Ltd., 14 Place Royale, Montreal, real, Que. | 13 1 | 202 2 | 1901 |
| 164  | J. Hanbury & Co., Ltd., 4th Ave. W. and Granville St., Vancouver, B.C.   | 7 5  | 80 7  | 1911 |
| 114  | J. Hanbury & Co., Ltd., 4th Ave. W. and Granville St., Vancouver, B.C.   | 6 8  | 75 2  | 1910 |
| 121  | J. Hanbury & Co., Ltd., 4th Ave. W. and Granville St., Vancouver, B.C.   | 6 8  | 81 0  | 1911 |
| 92   | J. Hanbury & Co., Ltd., 4th Ave. W. and Granville St., Vancouver, B.C.   | 6 1  | 75 4  | 1911 |
| 126  | J. Hanbury & Co., Ltd., 4th Ave. W. and Granville St., Vancouver, B.C.   | 6 9  | 81 2  | 1911 |
| 15   | John P. Westover, Sheet Harbour, N.S.                                    | 6 3  | 37 3  | 1903 |
| 36   | Arthur Forest and Walter Duann, West Arichat, N.S.                       | 7 0  | 56 0  | 1877 |
| 10   | W. H. Harris, Halifax, N.S.  | 4 5  | 36 0  | 1894 |
| 16   | H. LeBouthillier, Carquet, N.B.  | 5 7  | 40 0  | 1902 |
| 24   | Daniel Thompson and Jno. McDowell, Pennfield, N.B.                       | 5 7  | 37 5  | 1904 |
| 64   | Saml & Dredging, Ltd., Toronto, Ont.                                     | 5 0  | 66 0  | 1905 |
| 116  | Titus Conrad, et al., Rose Bay, N.S.                                     | 11 0 | 123 2 | 1919 |
| 12   | W. S. Loggie Co., Ltd., Chatham, N.B.                                    | 4 7  | 36 4  | 1893 |
| 10   | John E. and Roy C. Leslie, Spry Bay, N.S.                                | 5 0  | 40 8  | 1908 |
| 460  | John Donnelly, Kingston, Ont.  | 11 4 | 163 9 | 1885 |
| 643  | McLennan Foundry and Machine Works, Limited, Campbellton, N.B.           | 14 4 | 178 4 | 1919 |
| 67   | Robert Duplacy, Buctouche, N.B.  | 8 8  | 67 0  | 1880 |
| 10   | Thos. Legoit, Richibucto, N.B.   | 5 0  | 57 8  | 1898 |
| 14   | Millage Atkinson, Cape Island, N.S.                                      | 6 0  | 32 8  | 1904 |
| 561  | The Ontario Gravel Freighting Co., Limited, Windsor, Ont.                | 11 0 | 144 0 | 1916 |
| 271  | Stuart Bankhardt, Algiers, Algeria.                                      | 11 2 | 123 3 | 1903 |
| 36   | Frank Burnett, Birdsall, Ont.  | 4 5  | 61 0  | 1897 |
| 9    | Aemilius Jarvis, Toronto, Ont.   | 9 3  | 52 6  | 1915 |
| 37   | E. C. Bowers, et al., Westport, N.S.                                     | 6 6  | 47 5  | 1884 |
| 12   | Richard Drew, Terence Bay, N.S.  | 5 7  | 54 4  | 1903 |
| 27   | W. J. Naus, Halifax, N.S.  | 5 8  | 54 7  | 1894 |
| 10   | Willmot Benson, Grand Manan, N.B.  | 4 6  | 25 0  | 1903 |
| 168  | Thomas King, North Sydney, N.S.  | 10 0 | 97 5  | 1883 |
| 188  | Frank Granville, Chatham, Ont.   | 9 0  | 130 0 | 1873 |
| 12   | Francis A. Cheney, Grand Manan, N.B.                                     | 5 6  | 29 6  | 1880 |

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless—Muni de la T.S.F. —Alborcations Abréviations: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Rig.<br>Gréement. | Build<br>Construct-<br>en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|---------------------------------|---|-------------------|---------------------------|---------------------------------------|---|---|--|--|---|
| 126579                              | Hattie L. B.                    | Port Hawkesbury..                           | Schr—Glt.         | 1911                      | Little River, N.S.                    | 43 4  | 12 2  | 6 5  | 12   | Medrick LeBlanc, Little River, N.S.   |
| 130422                              | Hattie Loring.                  | St. Andrews.                                | Schr—Glt.         | 1895                      | Goldsboro, Me., U.S.A.                | 64 9  | 19 4  | 6 5  | 46   | Charles E. Morrell, et al., Freeport, N.S.  |
| 130472                              | Hattie M. J.                    | Halifax.                                    | Schr—Glt.         | 1909                      | Tanook, N.S.                          | 42 2  | 10 4  | 5 4  | 12   | Richard Coolen, M.O., East Dover, N.S.  |
| 103722                              | Hattie McKay.                   | Parrsboro'                                  | Schr—Glt.         | 1896                      | Parrsboro', N.S.                      | 68 1  | 32 2  | 7 3  | 74   | Jas. H. Card, Parrsboro', N.S.  |
| 122430                              | Hattie Maud.                    | Halifax.                                    | Schr—Glt.         | 1908                      | Tanook, N.S.                          | 44 7  | 12 4  | 5 4  | 16   | John J. Berrigan, Canso, N.S.   |
| 80799                               | Hattie T.                       | Barrington Passage.                         | Schr—Glt.         | 1883                      | Beaver River, N.S.                    | 42 5  | 11 2  | 5 7  | 16   | D. O. Kendrick, et al., Shag Harbour, N.S.  |
| 107480                              | Hattie & Eva.                   | Digby.                                      | Sloop.            | 1909                      | Freeport, N.S.                        | 32 4  | 14 6  | 5 2  | 11   | Rudolph Campbell, et al., Freeport, N.S.  |
| 126562                              | Hawley Brothers.                | Sydney, N.S.                                | Schr—Glt.         | 1909                      | Ingonish, N.S.                        | 37 7  | 12 3  | 6 6  | 11   | James T. John W. and Charles J. Hawley, Ingonish, N.S.                                |
| 130228                              | Hay Boy.                        | Kingston.                                   | Scow—Chd.         | 1911                      | Wolfe Island, Ont.                    | 65 2  | 20 0  | 5 1  | 77   | Grant Pyke, Wolfe Island, Ont.  |
| 122498                              | Hayward.                        | Chatham, N.B.                               | Dredge—Drague     | 1908                      | Loggieville, N.B.                     | 65 0  | 28 0  | 6 5  | 88   | Northern Dredging & Construction Co., Ltd., Loggieville, N.B.                         |
| 126258                              | Hayward 5.                      | Chatham, N.B.                               | Lighter.          | .....                     | U.S.A.                                | 76 0  | 23 0  | 7 6  | 115  | Northern Dredging & Construction Co., Ltd., Loggieville, N.B.                         |
| 126259                              | Hayward 6.                      | Chatham, N.B.                               | Lighter.          | .....                     | U.S.A.                                | 76 0  | 23 0  | 8 0  | 123  | Northern Dredging & Construction Co., Ltd., Loggieville, N.B.                         |
| 122577                              | Hazard.                         | Yarmouth.                                   | Schr—Glt.         | 1907                      | Yarmouth, N.S.                        | 65 5  | 20 4  | 7 8  | 63   | Samuel Hart, Jamaica, B.W.I.  |
| 122139                              | Hazel.                          | Yarmouth.                                   | Sloop.            | 1906                      | Barrington, N.S.                      | 30 0  | 11 0  | 6 0  | 10   | David E. Watkins, Barrington, N.S.  |
| 122083                              | Hazel B. Miller.                | Charlottetown.                              | Schr—Glt.         | 1907                      | Charlottetown, P.E.I.                 | 80 1  | 22 4  | 8 1  | 72   | John A. Munn, Murray River, P.E.I.  |
| 80643                               | Hazel Dell.                     | Charlottetown.                              | Schr—Glt.         | 1883                      | Pubnico, N.S.                         | 79 9  | 31 9  | 9 1  | 87   | James Boudreau, Vernon River Bridge, P.E.I.   |
| 138386                              | Hazel E. Herman.                | Lunenburg.                                  | Schr—Glt.         | 1917                      | Dayspring, N.S.                       | 104 8   | 26 2  | 10 4   | 98   | George H. Herman, M.O., La Hève, N.S.   |
| 116077                              | Hazel L.                        | St. Andrews.                                | Sloop.            | 1904                      | Shelburne, N.S.                       | 37 0  | 13 3  | 5 6  | 15   | Mansford Lorimer, Grand Manan, N.B.   |
| 141695                              | Hazel L. Myra.                  | Lunenburg.                                  | Schr—Glt.         | 1920                      | Bradgewater, N.S.                     | 109 6   | 27 6  | 11 4   | 191  | Wm. Duff, M.O., Lunenburg, N.S.   |
| 138651                              | Hazel W.                        | Pictou, N.S.                                | Schr—Glt.         | 1917                      | Tatamouche, N.S.                      | 48 9  | 15 7  | 6 3  | 99   | Alex. Weatherbie, Tatamouche, N.S.  |
| 92372                               | Hazelwoods.                     | Barrington Passage.                         | Schr—Glt.         | 1888                      | Moss Glen, N.B.                       | 93 3  | 26 6  | 7 6  | 99   | Michael O'Brien, Barrington, N.S.   |
| 103544                              | Hebe.                           | Halifax.                                    | Sloop.            | 1896                      | Malbone Bay, N.S.                     | 40 2  | 10 6  | 3 0  | 35   | J. M. Allen, Halifax, N.S.  |
| 38468                               | Hector.                         | Arichat.                                    | Schr—Glt.         | 1865                      | River Bourgeois, N.S.                 | 59 8  | 17 9  | 7 0  | 85   | Geo. Walker, Basin River Inhabitants, N.S.  |
| 90735                               | Hector.                         | Port Hawkesbury..                           | Schr—Glt.         | 1886                      | Basin River Inhabitants, N.S.         | 31 0  | 10 5  | 4 7  | 31   | Nicholas McDonald, Basin River Inhabitants, N.S.                                      |
| 80699                               | Hector.                         | Montreal.                                   | Barge—Chd.        | 1882                      | Kingston, Ont.                        | 170 3   | 35 5  | 11 9   | 539  | The Sincennes-McNaughton Line, Limited, 75 Common St., Montreal, Que.                 |
| 90559                               | Hector W. McG.                  | Port Hawkesbury..                           | Schr—Glt.         | 1886                      | Lunenburg.                            | 79 9  | 23 5  | 9 0  | 99   | David Murray, et al., Port Hawkesbury, N.S.   |
| 103876                              | Helen.                          | Montreal.                                   | Scow—Chd.         | 1894                      | Toledo, Ohio, U.S.A.                  | 96 6  | 26 7  | 5 4  | 65   | Montreal Sand & Gravel Co., Ltd., Montreal, Que.                                      |
| 83377                               | Helen.                          | Toronto.                                    | Schr—Glt.         | 1882                      | Oakville, Ont.                        | 79 3  | 19 7  | 5 4  | 101  | J. H. Goldring, Toronto, Ont.   |
| 122232                              | Helen Davis.                    | Barrington Passage.                         | Sloop.            | 1906                      | Clarke's Harbour, N.S.                | 33 6  | 11 4  | 6 0  | 12   | Laules Brannen, M.O., Clarke's Harbour, N.S.  |
| 126185                              | Helen Glen.                     | Shelburne.                                  | Sloop.            | 1908                      | Jordan Bay, N.S.                      | 34 0  | 11 7  | 5 7  | 10   | Jno. J. Rankin, Inverness, N.S.   |

SESSIONAL PAPER No. 22

|        |                      |                 |               |      |                                   |       |      |      |     |  |
|--------|----------------------|-----------------|---------------|------|-----------------------------------|-------|------|------|-----|--|
| 134400 | Helon M. Coolen      | Launenburg      | Schr—Glt      | 1914 | Mahone Bay, N.S.                  | 97 6  | 25 0 | 10 0 | 94  | Wm. Duff, et al., Lunenburg, N.S.  |
| 141087 | Helen Mathers        | Shelburne       | Schr—Glt      | 1919 | Shelburne, N.S.                   | 140 8 | 32 9 | 13 4 | 363 | The Schooner "Helen Mathers", Ltd., Halifax, N.S.                            |
| 146917 | Helen Vuir           | Liverpool       | Schr—Glt      | 1906 | Liverpool, N.S.                   | 37 0  | 23 3 | 8 9  | 79  | George A. Buffet, Grand Bank, Nfld.  |
| 126590 | Helen and Beatrice   | St. Andrews     | Schr—Glt      | 1907 | Campobello, N.B.                  | 83 0  | 18 6 | 6 9  | 29  | Mrs. L. M. Calder, Campobello, N.B.  |
| 146874 | Helena               | St. Catharines  | Barge—Chd     | 1905 | Merriton, Ont.                    | 135 3 | 26 2 | 8 0  | 218 | The Canadian Sand & Gravel Co., Ltd., Thorold, Ont.                          |
| 126578 | Hennepin             | Port Hawkesbury | Schr—Glt      | 1911 | Grand Etang, N.S.                 | 42 0  | 11 6 | 6 7  | 125 | Joseph M. Cormier, Grand Etang, N.S.   |
| 112009 | Henry Fitzhugh       | Port Arthur     | Dredge—Drague | 1879 | Duluth, Minn., U.S.A.             | 126 0 | 28 0 | 4 0  | 125 | Algonia Builders' Supply Co., Ltd., Port Arthur, Ont.                        |
| 111578 | Henry Fitzhugh       | Toronto         | Barge—Chd     | 1866 | Onwego, N.Y., U.S.A.              | 138 0 | 26 0 | 11 0 | 300 | The Ferry Sound Lumber Co., Ltd., Ferry Sound, Ont.                          |
| 122114 | Henry H. Dicks       | Charlottetown   | Schr—Glt      | 1906 | New Harris, N.S.                  | 70 0  | 20 5 | 7 8  | 65  | Earl Lord and Chas. W. Clark, Cepreid, P.E.I.                                |
| 103205 | Henry Miller         | Charlottetown   | Schr—Glt      | 1880 | Essex, Mass., U.S.A.              | 75 0  | 22 0 | 7 8  | 67  | Benjamin LeVander, West Archa, N.S.  |
| 138240 | Henry Witbeck        | Montreal        | Shoop         | 1883 | Manitowoc, Wis., U.S.A.           | 166 4 | 33 2 | 14 8 | 587 | The Shoonceps-McNaughton Line, Limited, 75 Common St., Montreal, Que.        |
| 130663 | Herb Curwin          | Richibucto      | Schr—Glt      | 1917 | Montreal, Que.                    | 32 0  | 10 5 | 4 4  | 10  | W. S. Loggie Co., Ltd., Chatham, N.B.  |
| 138547 | Hermuda              | Launenburg      | Schr—Glt      | 1911 | Richibucto, N.B.                  | 110 0 | 26 3 | 10 9 | 98  | Zwiecker & Co., Ltd., et al., Lunenburg, N.S.                                |
| 146494 | Heron                | Launenburg      | Schr—Glt      | 1903 | La Have, N.S.                     | 33 0  | 13 6 | 9 0  | 13  | Jeremiah I Peltier, Moose Ambrose, Fortaine Bay, Nfld.                       |
| 107771 | Heron                | Chatham, N.B.   | Schr—Glt      | 1889 | Shippigan, N.B.                   | 46 0  | 11 0 | 7 1  | 13  | Robln, Jones & Whitman, Iron, Halifax, N.S.                                  |
| 133997 | Hibbert C.           | Chatham, N.B.   | Schr—Glt      | 1913 | Miminegash, P.E.I.                | 60 0  | 18 2 | 7 0  | 36  | Daniel T. Costain, Whitegash, P.E.I.   |
| 138059 | Hibiscus             | Chatham, N.B.   | Schr—Glt      | 1916 | Lower Caraque, N.B.               | 35 0  | 10 2 | 5 3  | 418 | Montreal Transportation Co., Ltd., 286 St. James St., Montreal, Que.         |
| 96870  | Hilda                | Montreal        | Barge—Chd     | 1898 | Toronto, Ont.                     | 160 0 | 30 0 | 12 3 | 418 | Montreal Transportation Co., Ltd., 286 St. James St., Montreal, Que.         |
| 122099 | Hilda                | Yarmouth        | Shoop         | 1906 | Tusket Wedge, N.S.                | 36 0  | 13 0 | 7 0  | 17  | James W. Boudreau, M.O., Tusket Wedge, N.S.                                  |
| 122244 | Hilda E.             | St. Andrews     | Shoop         | 1906 | Grand Manan, N.B.                 | 28 4  | 11 8 | 6 0  | 81  | Joseph M. Corneil, Grand Manan, N.B.   |
| 121993 | Hilda M. Backman     | Quebec          | Schr—Glt      | 1918 | La Have, N.S.                     | 50 0  | 23 8 | 8 8  | 12  | Alfred Mercier, Quebec, Que.   |
| 38432  | Hilda M. Stark       | Annapolis Royal | Schr—Glt      | 1908 | Annapolis Royal, N.S.             | 171 2 | 33 0 | 12 2 | 574 | Grimes & Co., Ltd., 145 St. James St., Montreal, Que.                        |
| 609161 | Hilda Maude          | Port Hawkesbury | Schr—Glt      | 1891 | La Have, N.S.                     | 34 7  | 8 5  | 1 8  | 42  | John Macdon, et al., Port Malabar, N.S.                                      |
| 382551 | Hilcrest             | Launenburg      | Schr—Glt      | 1916 | Launenburg, N.S.                  | 132 6 | 32 5 | 11 8 | 293 | Zwiecker & Co., et al., Lunenburg, N.S.                                      |
| 22141  | Hillside             | Yarmouth        | Shoop         | 1905 | Wood's Harbour, N.S.              | 30 0  | 11 0 | 6 6  | 40  | S. L. Jefferson, M.O., Wood's Harbour, N.S.                                  |
| 141052 | Hilma Pauline        | Launenburg      | Schr—Glt      | 1913 | Mahone Bay, N.S.                  | 112 0 | 20 0 | 10 1 | 90  | Esther J. Lord, M.O., La Have, N.S.  |
| 126514 | Himble No. 1         | Victoria        | Barge—Chd     | 1909 | Victoria, B.C.                    | 90 0  | 30 4 | 7 0  | 154 | International Chemical Co., Ltd., Stohart Pease Bldg., Victoria, B.C.        |
| 141298 | Hind 3               | Vancouver       | Scow—Chd      | 1913 | Vancouver, B.C.                   | 69 6  | 24 2 | 5 3  | 75  | Hind, Ltd., Foot Gore Ave., Vancouver, B.C.                                  |
| 141621 | Hiram D. MacLean     | Farrsboro       | Schr—Glt      | 1919 | Economy, N.S.                     | 152 0 | 35 5 | 12 8 | 447 | Harry C. MacKay, Economy, N.S., and Mrs. Bessie Mac-Turo, N.S.               |
| 103765 | Hirondelle           | Chatham, N.B.   | Schr—Glt      | 1894 | Caraquet, N.B.                    | 32 6  | 12 0 | 4 8  | 11  | T. Ahear, Shippigan, N.B.  |
| 134505 | Hocomoek             | Caaso           | Schr—Glt      | 1904 | U.S.A.                            | 64 3  | 17 9 | 7 4  | 42  | S. O. Giffin, M.O., Goldboro, N.S.   |
| 141095 | Holmes A. Frank      | Chatham, N.B.   | Schr—Glt      | 1919 | North, N.B.                       | 47 6  | 28 5 | 13 0 | 637 | James Robinson, Millerton, N.B.  |
| 107538 | Homer                | Lindsay         | Barge—Chd     | 1898 | Bobcaygeon, Ont.                  | 47 6  | 12 9 | 4 0  | 25  | Robert Kennedy, Lindsay, Ont.  |
| 66006  | Hon. Hector Langevin | Quebec          | Schr—Glt      | 1872 | St. Jean, Island of Orleans, Que. | 80 3  | 22 0 | 9 2  | 90  | Wm. Fraing & Co., Ltd., Jersey, C.I.   |
| 103984 | Honorable Mercier    | Quebec          | Schr—Glt      | 1897 | Quebec, Que.                      | 80 0  | 24 6 | 7 4  | 84  | Mrs. Jos. McDonald, Matane, Que.   |
| 141007 | Honrine              | Quebec          | Schr—Glt      | 1910 | Petite Riviere, Que.              | 76 5  | 24 0 | 6 8  | 72  | Alfred Lavoie, Petite Riviere, Que.  |
| 126414 | Hope                 | Toronto         | Schr—Glt      | 1868 | Port Nelson, Ont.                 | 56 0  | 12 0 | 4 9  | 24  | Matthew Thomas, Toronto, Ont.  |
| 126324 | Ihorca D.            | Kingston        | Scow—Chd      | 1868 | Le-Si, Que.                       | 84 5  | 33 8 | 6 0  | 195 | Compagnie Etienne Dussault, Lévis, Que.                                      |
| 136359 | Ihorca Taber         | Quebec          | Schr—Glt      | 1897 | St. Clair, Mich., U.S.A.          | 135 8 | 26 6 | 9 8  | 236 | Henry Durayaw, Kingston, Ont.  |
| 126441 | Ihorrig              | Quebec          | Schr—Chd      | 1900 | Caraquet, Ont.                    | 75 0  | 20 0 | 5 6  | 73  | John T. Horne, Fort William, Ont.  |
| 106906 | Ilospour             | Chatham, N.B.   | Sow—Chd       | 1891 | Caraquet, N.B.                    | 37 0  | 12 7 | 4 6  | 10  | P. Rye, Caraquet, N.B.   |
| 106860 | Ilovington           | Quebec          | Schr—Glt      | 1891 | Les Escoumains, Que.              | 38 4  | 14 4 | 4 6  | 17  | T. Caron, Les Escoumains, Que.   |
| 96822  | Ilovington           | Chatham, N.B.   | Schr—Glt      | 1880 | Chesler Bassin, N.S.              | 32 0  | 24 6 | 8 8  | 93  | Galt Murray, Port Richmond, N.S.   |
| 130932 | Iloy                 | Montreal        | Sow—Chd       | 1906 | Point St. N.B.                    | 87 0  | 10 6 | 5 0  | 11  | Majorique Noel, Shippigan, N.B.  |
| 130957 | Iugh Quinlan         | Halifax         | Sow—Chd       | 1912 | Montreal, Que.                    | 110 1 | 28 1 | 9 6  | 199 | The Minister of Public Works, Ottawa, Ont.                                   |
| 103845 | Irumung              | Halifax         | Shoop         | 1896 | Point St. N.B.                    | 23 5  | 6 4  | 3 6  | 3   | J. D. Ritchie, Halifax, N.S.   |
| 107087 | Irun                 | Farrsboro       | Dredge—Drague | 1902 | Montreal, Que.                    | 64 2  | 25 2 | 5 3  | 135 | Edward A. D. Morgan, Montreal, Que.  |
| 100136 | Iustler              | Farrsboro       | Schr—Glt      | 1891 | La Have, N.S.                     | 54 3  | 19 0 | 7 2  | 44  | Mark Fulmer, et al., J.O., Five Islands, N.S.                                |
| 130653 | Hydraulic            | Chatham, N.B.   | Scow—Chd      | 1911 | Loggieville, N.B.                 | 85 0  | 27 0 | 5 0  | 146 | Northern Bridging and Construction Co., Ltd., Loggieville, N.B.              |
| 130545 | I. No. 1             | Vancouver       | Sow—Chd       | 1909 | Nanaimo, B.C.                     | 55 0  | 24 4 | 6 0  | 73  | Gulf of Georgia Towing Co., Ltd. (1920), 1199 Sixth Ave. W., Vancouver, B.C. |

5A recovered wreck.

Formerly "Aroostock."

Formerly a steamer.

Formerly "No. 4."

Formerly "Glenora."

ALPHABETICAL List of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE DES NAVIRES À VOILES INSCRITS DANS LES REGISTRES MARITIMES DU CANADA AU 31 DÉCEMBRE 1920.  
 ©Equipped with Wireless—Muni de la T.S.F.—Abbreviations—Abréviations: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel | Name of Ship<br>Nom du navire | Port of Registry<br>Port d'enregistrement | Reg.<br>Grément | Built<br>Construit en | Where Built<br>Lieu de construction   | Length in feet and 10ths<br>Longueur en pieds et 10ths | Breadth in feet and 10ths<br>Largeur en pieds et 10ths | Depth in feet and 10ths<br>Profondeur en pieds et 10ths | Registered Tonnage<br>Tonnage enregistré | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|------------------------------------|-------------------------------|---|-----------------|-----------------------|---------------------------------------|--|--|---|--|---|
| 126041                             | L. N. L.                      | Port Arthur                               | Dredge—Drague   | 1893                  | Welland, Ont.                         | 103 0  | 31 5   | 9 0   | 348                                      | Robert Weddell, et al., Trenton, Ont.   |
| 102779                             | Idis                          | Chatham, N.B.                             | Schr—Glt.       | 1897                  | Shippigan, N.B.                       | 36 5   | 12 2   | 4 8   | 11                                       | Donald McGregor, Dalhousie, N.B.  |
| 94850                              | Ice                           | Windsor, Ont.                             | Seow—Chd.       | 1891                  | Sandwich, Ont.                        | 47 0   | 16 4   | 2 0   | 41                                       | Chas. Perrault, Sandwich, Ont.  |
| 107229                             | Ida                           | Quebec                                    | Schr—Glt.       | 1897                  | Château Richer, Que.                  | 76 8   | 22 8   | 6 7   | 67                                       | P. N. Martel, Château-Richer, Que.  |
| 116841                             | Ida A. Olson                  | Owen Sound                                | Schr—Glt.       | 1888                  | Port Howard, N.Y., U.S.A.             | 122 0  | 27 0   | 9 2   | 191                                      | Geo. T. Dunn and T. W. Thomson, J.O., Owen Sound, Ont.                                |
| 71251                              | Ida Bell                      | Windsor, Ont.                             | Schr—Glt.       | 1874                  | Kingsville, Ont.                      | 87 2   | 20 0   | 6 0   | 97                                       | Jas. W. Wye, Kingsville, Ont.   |
| 126222                             | Ida E.                        | Montreal                                  | Barge—Chd.      | 1887                  | Oshkosh, Wis., U.S.A.                 | 120 3  | 29 0   | 6 5   | 198                                      | The River Sand Co., Ltd., 425 Atwater Ave., Montreal, Que.                            |
| 107061                             | Ida M.                        | St. John, N.B.                            | Schr—Glt.       | 1917                  | Montreal, Que.                        | 73 2   | 24 0   | 7 0   | 77                                       | The Nova Scotia Shipping Co., Ltd., 8 Prince St., Halifax, N.S.                       |
| 112226                             | Ida M. Barton                 | St. John, N.B.                            | Schr—Glt.       | 1902                  | St. Martin's, N.B.                    | 82 0   | 27 1   | 7 7   | 102                                      | Geo. R. Payzant, et al., Dorchester, N.B.   |
| 103170                             | Ida M. Burke                  | Arichat                                   | Schr—Glt.       | 1900                  | The Range, N.B.                       | 41 7   | 14 0   | 5 7   | 10                                       | Joseph Fougère, Larry's River, N.S.   |
| 111657                             | Ida M. Clarke                 | Halifax                                   | Schr—Glt.       | 1916                  | St. Peter's, N.S.                     | 99 3   | 24 2   | 9 6   | 99                                       | Arthur Bungay, Harbour Breton, Nfld.  |
| 126347                             | Ida M. Cunningham             | Barrington Passage                        | Schr—Glt.       | 1912                  | Sable River, N.S.                     | 41 3   | 12 9   | 6 2   | 16                                       | Hugh McAlpin, et al., Lockport, N.S.  |
| 126566                             | Ida M. Zinek                  | Lunenburg                                 | Schr—Glt.       | 1912                  | Past, Pictou, N.S.                    | 177 2  | 27 4   | 10 6  | 113                                      | Elezzer Zinek, M.O., Lunenburg, N.S.  |
| 126506                             | Ida O. Campbell               | Sydney, N.S.                              | Schr—Glt.       | 1910                  | Liverpool, N.S.                       | 47 5   | 14 3   | 6 3   | 19                                       | Lingan Fishing Co., Ltd., Lingan, N.S.  |
| 75897                              | Ida Peters                    | St. John, N.B.                            | Schr—Glt.       | 1879                  | Meelburne, N.S.                       | 47 0   | 18 2   | 7 4   | 32                                       | M. Trask, Sandy Cove, N.S.  |
| 112317                             | Imma                          | St. Andrews                               | Sloop           | 1902                  | St. Patrick, N.B.                     | 31 0   | 14 0   | 5 5   | 16                                       | Ernest Fisher, St. George, N.B.   |
| 116571                             | Imperial                      | Port William                              | Barge—Chd.      | 1902                  | Port William, Ont.                    | 120 0  | 38 0   | 7 5   | 413                                      | Canadian Towing & Wrecking Co., Ltd., Port Arthur, Ont.                               |
| 107471                             | Ira Brooks                    | Dieby                                     | Schr—Glt.       | 1899                  | Freeport, N.S.                        | 45 0   | 16 5   | 6 3   | 22                                       | Thos. W. Brooks, Freeport, N.S.   |
| 141418                             | Independence                  | Lunenburg                                 | Schr—Glt.       | 1920                  | Lunenburg, N.S.                       | 130 5  | 27 4   | 10 6  | 141                                      | Albert Himmelman, M.O., Lunenburg, N.S.   |
| 138171                             | Independent Asphalt<br>No. 2  | Prince Rupert                             | Seow—Chd.       | 1907                  | Port Orchard, Wash., U.S.A.           | 100 7  | 31 9   | 10 0  | 273                                      | Coastwise Steamship & Barge Co., Ltd., Granville St., Vancouver, B.C.                 |
| 88581                              | Index                         | St. John, N.B.                            | Schr—Glt.       | 1886                  | Tusket, N.S.                          | 35 4   | 13 0   | 6 0   | 17                                       | Charles S. Smith, St. Martins, N.B.   |
| 111476                             | Indiana                       | Arichat                                   | Schr—Glt.       | 1901                  | Arichat, N.S.                         | 40 3   | 9 2  | 4 2   | 11                                       | Henry Boudrot, Arichat, N.S.  |
| 121655                             | Indiana                       | Yarmouth                                  | Sloop           | 1904                  | Tusket Wedge, N.S.                    | 34 0   | 11 3   | 6 0   | 10                                       | Charles A. Lowe, Tusket Wedge, N.S.   |
| 69323                              | Indicator                     | St. Andrews                               | Sloop           | 1890                  | Grand Manan, N.B.                     | 25 0   | 12 0   | 6 0   | 11                                       | Frank Ingersoll, Grand Manan, N.B.  |
| 85407                              | Inita                         | Magdalen Islands                          | Schr—Glt.       | 1909                  | Honso Harbour, Magdalen Islands, Que. | 69 9   | 22 0   | 8 3   | 67                                       | Alexander T. Arseneau, Honso Harbour, Magdalen Islands, Que.                          |
| 141251                             | Innovation                    | La Have                                   | Schr—Glt.       | 1892                  | Waterbury, N.S.                       | 120 6  | 28 4   | 10 8  | 190                                      | Morris Randall, et al., La Have, N.S.   |
| 100689                             | Inspector                     | St. John, N.B.                            | Schr—Glt.       | 1886                  | Waterborough, N.B.                    | 59 4   | 22 6   | 5 5   | 43                                       | James Flower, Newcastle, N.B.   |
| 138544                             | Integral                      | Lunenburg                                 | Schr—Glt.       | 1917                  | Conquerall Bank, N.S.                 | 135 0  | 32 0   | 12 0  | 313                                      | The Integral Shipping Co., Ltd., Conquerall Bank, N.S.                                |
| 121747                             | Intrepid                      | Vancouver                                 | Sloop           | 1906                  | Vancouver, B.C.                       | 27 2   | 15 2   | 4 8   | 8  | Harry Grute, Esquimalt, B.C.  |



SESSIONAL PAPER No. 22

| 126604 | Invader          | Chatham, N.B.      | Dredge—Drague | U. S. A.                    | 91 0  | 41 4 | 7 0  | 227  | Northern Dredging and Construction Co., Ltd., Loggieville, N.B.          |
|--------|------------------|--------------------|---------------|-----------------------------|-------|------|------|------|--|
| 104512 | Invermeil        | Montreal           | Barque—Rq     | Loggieville, N.B.           | 233 0 | 36 0 | 21 7 | 1340 | Marine Navigation Co. of Canada, Ltd., 205 St. James St., Montreal, Que. |
| 116275 | Inverness B. 1   | Halifax            | Schr—Glt.     | Vestri Pomesi, Italy        | 192 5 | 33 1 | 21 4 | 1181 | Dominion Coal Co., Ltd., Glace Bay, N.S.                                 |
| 141114 | Ioco No. 2       | Vancouver          | Scow—Chd.     | Vancouver, B.C.             | 58 0  | 19 7 | 7 2  | 178  | The Imperial Oil, Ltd., Sarnia, Ont.                                     |
| 141120 | Ioco No. 3       | Vancouver          | Scow—Chd.     | New Westminster, B.C.       | 75 4  | 26 0 | 7 5  | 179  | The Imperial Oil, Ltd., Sarnia, Ont.                                     |
| 141812 | Ioco No. 4       | Vancouver          | Scow—Chd.     | Vancouver, B.C.             | 50 0  | 16 1 | 4 7  | 29   | The Imperial Oil, Ltd., Sarnia, Ont.                                     |
| 141813 | Ioco No. 5       | Vancouver          | Scow—Chd.     | Vancouver, B.C.             | 59 7  | 22 0 | 6 1  | 79   | The Imperial Oil, Ltd., Sarnia, Ont.                                     |
| 111429 | Iola             | Halifax            | Sloop.        | Dartmouth, N.S.             | 22 0  | 6 6  | 2 6  | 2    | Ralph B. deBiosis, Bedford, N.S.   |
| 103174 | Iona             | Halifax            | Schr—Glt.     | Sable River, N.S.           | 40 1  | 13 6 | 6 0  | 15   | Mrs. M. S. Cruickshank and C. B. Traffis, J.O., Sydney, N.S.             |
| 107956 | Iona             | Charlottetown      | Schr—Glt.     | Shelburne, N.S.             | 93 0  | 24 4 | 9 5  | 98   | Edward Roswell and J. J. Lord, Victoria, P.E.I.                          |
| 112296 | Iona             | Ottawa             | Barge—Chd.    | Rockland, Ont.              | 111 8 | 22 9 | 7 4  | 158  | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                        |
| 121904 | Iona and Maggie  | Winnipeg           | Barge—Chd.    | Winnipegosis, Man.          | 58 0  | 12 0 | 4 4  | 38   | Peter McArthur, Westbourne, Man.   |
| 70292  | Iona             | Barrington Passage | Sloop.        | Clarke's Harbour, N.S.      | 30 0  | 12 0 | 5 8  | 11   | Cecil Ross, M.O., Cape Island, N.S.                                      |
| 126292 | Irbessa          | Montreal           | Barge—Chd.    | Quebec, Que.                | 149 4 | 26 0 | 11 0 | 366  | William Q. Stobo, Quebec, Que.   |
| 92124  | Ireland          | Canso.             | Schr—Glt.     | Tancook, N.S.               | 41 6  | 12 4 | 6 5  | 17   | Jeffery Sampson, M.O., Dover, N.S.                                       |
| 103931 | Irene            | Montreal           | Barge—Chd.    | Brookville, Ont.            | 147 0 | 28 0 | 9 6  | 339  | The Atlas Sand Co., Ltd., 75 Common St., Montreal, Que.                  |
| 92352  | Irene L.         | Charlottetown      | Schr—Glt.     | Charquet, N.B.              | 37 9  | 12 6 | 4 8  | 90   | Lacien Belliveau, Dorchester, N.B.                                       |
| 130577 | Irene M. B.      | St. John, N.B.     | Schr—Glt.     | St. Martin's, N.B.          | 79 7  | 25 7 | 7 2  | 12   | John McQuinn, Halifax, N.S.  |
| 100490 | Irene M. B.      | Lanenburg          | Schr—Glt.     | Little Tancook, N.S.        | 39 6  | 10 2 | 5 4  | 66   | John McQuinn, M.O., Charlottetown, P.E.I.                                |
| 138551 | Irene M. Corkum  | Charlottetown      | Schr—Glt.     | Malone Bay, N.S.            | 67 6  | 21 3 | 8 4  | 66   | Leo Corkum, M.O., La Have, N.S.  |
| 103868 | Iris             | Lanenburg          | Schr—Glt.     | Lanenburg, N.S.             | 112 8 | 26 3 | 10 4 | 100  | R. T. McIlreith, Halifax, N.S.   |
| 121942 | Irona            | Sorel              | Sloop.        | Port Hawkesbury, N.S.       | 33 5  | 7 8  | 5 6  | 5    | R. T. McIlreith, Halifax, N.S.   |
| 107686 | Iroquois         | St. John, N.B.     | Sloop.        | Pierreville, Que.           | 109 2 | 29 2 | 7 5  | 123  | Chas. E. Yergeau, Pierreville, Que.                                      |
| 122013 | Isaac Hunter     | Ottawa             | Barge—Chd.    | Montreal, Que.              | 92 2  | 23 6 | 7 1  | 231  | Edward O. Leahy, Ottawa, Ont.  |
| 138236 | Isaac Stephenson | Montreal           | Sloop.        | Kippewa Lake, Que.          | 50 0  | 14 9 | 4 4  | 480  | The Simeon-McNaughton Line, Ltd., 75 Common St., Montreal, Que.          |
| 96724  | Isabel           | Chatham, N.B.      | Schr—Glt.     | Sorel, Que.                 | 164 9 | 32 4 | 13 8 | 517  | Ar-ène Hébert, Carriquet, N.B.   |
| 141734 | Isabel M.        | Quebec             | Schr—Glt.     | Shippigan, N.B.             | 35 0  | 11 8 | 4 5  | 11   | Price Bros. & Co., Ltd., 96 St. Peter St., Quebec, Que.                  |
| 94928  | Isabel Reed      | Pictou, Ont.       | Barge—Chd.    | Montmagny, Que.             | 77 4  | 24 0 | 6 3  | 72   | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.          |
| 71257  | Isabella         | Windsor, Ont.      | Scow—Chd.     | River Puce, Ont.            | 57 5  | 16 7 | 3 4  | 33   | Gilbert Sharon, Belle River, Ont.  |
| 116959 | Isabella Sains   | Sarnia             | Schr—Glt.     | Manistee, Mich., U.S.A.     | 134 5 | 29 8 | 10 1 | 231  | The Peninsula Tug & Towing Co., Ltd., Warton, Ont.                       |
| 125993 | Isadore          | Quebec             | Barge—Chd.    | St. Alexis, Que.            | 106 0 | 22 5 | 7 8  | 102  | Lachance Limitée, 99 Dalhousie St., Quebec, Que.                         |
| 88243  | Isis             | Deseronto          | Barge—Chd.    | Deseronto, Ont.             | 105 0 | 23 3 | 5 3  | 96   | P. Larkin, St. Catharines, Ont., and A. Sangster, Iroquois, Ont.         |
| 11530  | Island Girl      | Digby              | Schr—Glt.     | Cape St. Mary's, N.S.       | 32 0  | 10 2 | 4 8  | 10   | E. S. Donette, Cape St. Mary's, N.S.                                     |
| 103121 | Island Girl      | St. Andrews        | Sloop.        | Shelburne, N.S.             | 38 0  | 13 0 | 5 5  | 17   | Frank Ingersoll, Grand Manan, N.B.                                       |
| 121845 | Islander         | Toronto            | Dredge—Drague | Toronto, Ont.               | 73 2  | 30 0 | 6 6  | 242  | John E. Russell, Toronto, Ont.   |
| 100064 | Isma             | St. John, N.B.     | Schr—Glt.     | Forestport, N.S.            | 51 5  | 17 9 | 6 8  | 31   | H. P. Bowers, Westport, N.S.   |
| 121053 | Isobel           | St. Catharines     | Dredge—Drague | Welland, Ont.               | 101 4 | 26 0 | 9 0  | 406  | Michael W. Hogan, Montreal, Que.   |
| 126813 | Istaska          | Lanenburg          | Schr—Glt.     | Lanenburg, N.S.             | 106 4 | 36 2 | 10 8 | 100  | Howard W. Wenzel, <i>et al.</i> , Halifax, N.S.                          |
| 100897 | Ivanhoe          | Charlottetown      | Schr—Glt.     | Charquet, N.B.              | 35 2  | 12 5 | 4 4  | 17   | Xavier Pomer, New Brandon, N.B.  |
| 190364 | Iveda            | Sydney, N.S.       | Schr—Glt.     | Dingwall, N.S.              | 50 2  | 12 5 | 5 2  | 17   | William O'Brien, Dingwall, N.S.  |
| 74232  | Ivraut           | Quebec             | Bk—Bq         | Quebec, Que.                | 122 3 | 28 7 | 15 7 | 321  | F. R. Eaton, Farnsworth, N.S.  |
| 138323 | Ivalani          | Vancouver          | Barge—Chd.    | San Francisco, Cal., U.S.A. | 143 0 | 27 0 | 8 5  | 275  | British Columbia Telephone Co., 768 Seymour St., Vancouver, B.C.         |
| 138510 | J. A. D.         | Quebec             | Schr—Glt.     | Grandes Bergeronnes, Que    | 67 0  | 22 9 | 6 3  | 51   | A. Dufour and Mrs. William Tremblay, St. Fidele, Que.                    |
| 138731 | J. B. M.         | Quebec             | Schr—Glt.     | Grandes Bergeronnes, Que    | 67 0  | 22 9 | 6 3  | 51   | Alfred Tremblay, Grandes Bergeronnes, Que.                               |
| 138131 | J. B. P.         | Halifax            | Schr—Glt.     | La Have, N.S.               | 43 2  | 14 8 | 6 3  | 60   | Angus Reddy, Riverton, N.S.  |
| 107460 | J. B. P. No. One | Lindsay            | Scow—Chd.     | Lindsay, Ont.               | 70 0  | 18 6 | 5 0  | 25   | Joseph Briggs Parke, Lindsay, Ont.                                       |
| 107470 | J. B. P. No. Two | Lindsay            | Scow—Chd.     | Lindsay, Ont.               | 38 7  | 16 9 | 4 5  | 29   | Joseph Briggs Parke, Lindsay, Ont.                                       |
| 111810 | J. C. No. 1      | Vancouver          | Scow—Chd.     | Vancouver, B.C.             | 65 7  | 23 7 | 9 3  | 57   | Henry Bell-Irving, Vancouver, B.C.                                       |

\*Formerly a steamer. †Formerly a steamer. ‡Formerly a steamer.

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless—Muni de la T.S.F.—Abbreviations—Abréviations: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship<br>Nom du navire. | Port of Registry<br>Port d'inscription. | Rig.<br>Gréement. | Built<br>Construit. | Where Built<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10ths. | Breadth in feet and 10ths.<br>Largeur en pieds et 10ths. | Depth in feet and 10ths.<br>Profondeur en pieds et 10ths. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|--------------------------------|---|-------------------|---------------------|--------------------------------------|--|--|---|--|---|
| 141222                              | J. C. No. 4.                   | New Westminster.                        | Scow—Chd.         | 1919                | New Westminster, B.C.                | 50 0   | 17 6   | 4 0   | 28   | Joseph Crane, New Westminster, B.C.   |
| 134574                              | J. C. No. 5.                   | New Westminster.                        | Barge—Chd.        | 1910                | New Westminster, B.C.                | 59 0   | 23 8   | 5 4   | 63   | Joseph Crane, New Westminster, B.C.   |
| 141177                              | J. C. No. 6.                   | New Westminster.                        | Scow—Chd.         | 1918                | New Westminster, B.C.                | 67 8   | 25 8   | 6 0   | 90   | Joseph Crane, New Westminster, B.C.   |
| 134575                              | J. C. No. 7.                   | New Westminster.                        | Barge—Chd.        | 1911                | New Westminster, B.C.                | 64 0   | 24 0   | 6 2   | 81   | Joseph Crane, New Westminster, B.C.   |
| 130702                              | J. C. No. 9.                   | Vancouver.                              | Scow—Chd.         | 1911                | New Westminster, B.C.                | 60 2   | 26 2   | 6 3   | 91   | Joseph Crane, New Westminster, B.C.   |
| 130697                              | J. C. No. 11.                  | Vancouver.                              | Scow—Chd.         | 1911                | New Westminster, B.C.                | 65 2   | 26 0   | 6 4   | 108  | The Canadian Fishing Co., Ltd., Foot Gore Ave., Vancouver, B.C.                       |
| 134576                              | J. C. No. 12.                  | New Westminster.                        | Barge—Chd.        | 1902                | New Westminster, B.C.                | 60 4   | 28 0   | 3 7   | 139  | Joseph Crane, New Westminster, B.C.   |
| 141449                              | J. C. No. 14.                  | Vancouver.                              | Scow—Chd.         | 1911                | New Westminster, B.C.                | 84 0   | 20 1   | 7 0   | 39   | Grant and MacDonald, Ltd., 515 Vancouver Bldg., Vancouver, B.C.                       |
| 141236                              | J. C. No. 19.                  | New Westminster.                        | Scow—Chd.         | 1919                | New Westminster, B.C.                | 55 6   | 19 6   | 4 2   | 39   | Joseph Crane, New Westminster, B.C.   |
| 141221                              | J. C. No. 21.                  | New Westminster.                        | Scow—Chd.         | 1919                | New Westminster, B.C.                | 58 0   | 19 6   | 5 4   | 53   | Joseph Crane, New Westminster, B.C.   |
| 140983                              | J. C. No. 22.                  | New Westminster.                        | Scow—Chd.         | 1918                | New Westminster, B.C.                | 98 1   | 32 0   | 8 7   | 244  | Joseph Crane, New Westminster, B.C.   |
| 140900                              | J. C. No. 23.                  | Victoria.                               | Scow—Chd.         | 1918                | New Westminster, B.C.                | 68 8   | 28 0   | 6 7   | 111  | Cameron Lumber Co., Ltd., Yates St., Victoria, B.C.                                   |
| 141373                              | J. C. No. 24.                  | New Westminster.                        | Scow—Chd.         | 1919                | New Westminster, B.C.                | 62 9   | 21 9   | 5 4   | 67   | Joseph Crane, New Westminster, B.C.   |
| 141228                              | J. C. No. 25.                  | New Westminster.                        | Scow—Chd.         | 1919                | New Westminster, B.C.                | 90 0   | 32 0   | 6 5   | 158  | Joseph Crane, New Westminster, B.C.   |
| 141535                              | J. C. No. 26.                  | New Westminster.                        | Scow—Chd.         | 1920                | New Westminster, B.C.                | 94 5   | 34 0   | 8 2   | 239  | Joseph Crane, New Westminster, B.C.   |
| 141540                              | J. C. No. 27.                  | New Westminster.                        | Scow—Chd.         | 1920                | New Westminster, B.C.                | 76 3   | 28 0   | 7 1   | 129  | Joseph Crane, New Westminster, B.C.   |
| 141781                              | J. C. No. 28.                  | New Westminster.                        | Scow—Chd.         | 1920                | New Westminster, B.C.                | 64 0   | 22 0   | 5 9   | 71   | Joseph Crane, New Westminster, B.C.   |
| 141780                              | J. C. No. 30.                  | New Westminster.                        | Scow—Chd.         | 1920                | New Westminster, B.C.                | 93 0   | 30 9   | 8 7   | 222  | Joseph Crane, New Westminster, B.C.   |
| 126729                              | J. E. A. F. No. 1.             | Peterboro.                              | Scow—Chd.         | 1909                | Peterboro, Ont.                      | 92 0   | 25 6   | 4 6   | 74   | John E. A. Fitzgerald, Peterboro, Ont.  |
| 126730                              | J. E. A. F. No. 2.             | Peterboro.                              | Scow—Chd.         | 1910                | Bobcaygeon, Ont.                     | 92 0   | 26 0   | 5 0   | 91   | John E. A. Fitzgerald, Peterboro, Ont.  |
| 130371                              | J. E. A. F. No. 3.             | Peterboro.                              | Scow—Chd.         | 1910                | Bobcaygeon, Ont.                     | 94 0   | 24 5   | 5 3   | 89   | John E. A. Fitzgerald, Peterboro, Ont.  |
| 103982                              | J. E. B.                       | Quebec.                                 | Schr—Glt.         | 1897                | Château-Richer, Que.                 | 64 0   | 21 8   | 6 0   | 43   | Napoleon Bois, M.O., St. Siméon, Que.   |
| 121930                              | J. H. S.                       | Quebec.                                 | Schr—Glt.         | 1906                | Ric, Que.                            | 76 8   | 24 0   | 6 9   | 73   | Charles LaRoie, S.C. Fulgence, Que.   |
| 97195                               | J. H. S.                       | Chatham, N.B.                           | Schr—Glt.         | 1891                | Tracadie, N.B.                       | 50 8   | 17 2   | 7 3   | 40   | J. H. Brownell, North Port, N.S.  |
| 133982                              | J. J. 1.                       | New Westminster.                        | Barge—Chd.        | 1912                | Steveston, B.C.                      | 50 0   | 16 0   | 3 6   | 27   | Gosse-Milner Packing Co., Ltd., 597 Hastings St. W., Vancouver, B.C.                  |
| 133983                              | J. J. 6.                       | New Westminster.                        | Barge—Chd.        | 1912                | Steveston, B.C.                      | 50 0   | 16 0   | 3 6   | 27   | Jervis Inlet Canning Co., Ltd., Vancouver, B.C.                                       |
| 133984                              | J. J. 7.                       | New Westminster.                        | Barge—Chd.        | 1912                | Steveston, B.C.                      | 50 0   | 16 0   | 3 6   | 27   | Jervis Inlet Canning Co., Ltd., Vancouver, B.C.                                       |
| 126178                              | J. J. 1. L. No. 1.             | New Westminster.                        | Barge—Chd.        | 1908                | Ladner, B.C.                         | 59 7   | 20 0   | 4 7   | 48   | Consolidated Fish & By-Products Co., Ltd., 324 Winch Bldg., Vancouver, B.C.           |
| 131000                              | J. L. B.                       | Chatham, N.B.                           | Schr—Glt.         | 1913                | Cararquet, N.B.                      | 34 2   | 10 9   | 5 4   | 13   | Frank Baudains, Miscou Harbour, N.B.  |
| 134495                              | J. L. L. No. 9.                | Quebec.                                 | Dredge—Drague     | 1914                | Quebec, Que.                         | 60 4   | 30 8   | 6 0   | 73   | Canadian Bank of Commerce, 23 King St. W., Toronto, Ont.                              |
| 107575                              | J. J. M. No. One.              | Landsay.                                | Scow—Chd.         | 1890                | Bobcaygeon, Ont.                     | 75 0   | 22 7   | 5 0   | 173  | Joseph Maumder, Landsay, Ont.   |

LIST OF SAILING VESSELS

SEASONAL PAPER No. 22

| 102576 | J. M. No. Two.                    | Lindsay.          | Scow—Chd.     | 1890 | 75 4  | 25 1 | 5 0  | 80  | Joseph, Maunder, Lindsay, Ont.  |
|--------|-----------------------------------|-------------------|---------------|------|-------|------|------|-----|---|
| 102577 | J. M. K. No. One.                 | Lindsay.          | Barge—Chd.    | 1897 | 86 0  | 17 8 | 4 2  | 64  | W. J. C. Boyd, M.O., Bobaygeon, Ont.                                    |
| 102578 | J. M. K. No. Three.               | Lindsay.          | Barge—Chd.    | 1897 | 81 6  | 20 0 | 4 4  | 73  | W. J. C. Boyd, M.O., Bobaygeon, Ont.                                    |
| 102579 | J. M. K. No. Four.                | Lindsay.          | Barge—Chd.    | 1897 | 72 5  | 19 0 | 4 5  | 66  | W. J. C. Boyd, M.O., Bobaygeon, Ont.                                    |
| 102580 | J. M. K. No. Five.                | Lindsay.          | Barge—Chd.    | 1897 | 74 0  | 18 0 | 4 4  | 59  | W. J. C. Boyd, M.O., Bobaygeon, Ont.                                    |
| 102581 | J. M. K. No. Six.                 | Lindsay.          | Barge—Chd.    | 1897 | 73 0  | 18 8 | 4 4  | 53  | W. J. C. Boyd, M.O., Bobaygeon, Ont.                                    |
| 102582 | J. M. K. No. Seven.               | Lindsay.          | Barge—Chd.    | 1897 | 62 0  | 19 0 | 4 0  | 47  | W. J. C. Boyd, M.O., Bobaygeon, Ont.                                    |
| 102583 | J. M. K. No. Eight.               | Lindsay.          | Barge—Chd.    | 1892 | 62 0  | 17 2 | 4 3  | 46  | W. J. C. Boyd, M.O., Bobaygeon, Ont.                                    |
| 102584 | J. C.                             | Lindsay.          | Schr—Glt.     | 1917 | 32 0  | 11 0 | 5 2  | 16  | Andre J. Fournier, Elm Tree, N.B.                                       |
| 130251 | J. S. M.                          | Port Hawkesbury.  | Schr—Glt.     | 1912 | 45 0  | 12 6 | 7 8  | 46  | John S. Muisse, Cap Rouge, N.S.   |
| 130252 | J. T.                             | Quebec.           | Schr—Glt.     | 1916 | 58 6  | 19 6 | 6 4  | 96  | Joseph Tremblay, Les Eboulements, Que.                                  |
| 141528 | J. T. M. No. 1.                   | New Westminster.  | Scow—Chd.     | 1920 | 37 3  | 24 0 | 6 0  | 99  | Mrs. Hilda M. Margets, Steveston, B.C.                                  |
| 110237 | J. W.                             | Charlottetown.    | Schr—Glt.     | 1903 | 82 3  | 22 6 | 8 8  | 78  | Wallace White, and Milton White, J.O., Murray River, P.E.I.             |
| 110234 | J. W.                             | Dagby.            | Sloop.        | 1904 | 38 0  | 12 5 | 5 3  | 14  | Walter B. Anthony, Port Wade, N.S.                                      |
| 141541 | J. W. P. No. 1.                   | Vancouver.        | Scow—Chd.     | 1910 | 70 7  | 24 9 | 6 2  | 93  | Joseph W. Pike, Vancouver, B.C.   |
| 130822 | J. W. P. No. 3.                   | New Westminster.  | Barge—Chd.    | 1912 | 90 0  | 30 0 | 8 0  | 202 | Joseph W. Pike, New Westminster, B.C.                                   |
| 130972 | J. W. P. No. 4.                   | New Westminster.  | Barge—Chd.    | 1913 | 94 3  | 32 0 | 8 4  | 213 | Joseph W. Pike, New Westminster, B.C.                                   |
| 85716  | J. R. A. No. 1.                   | Prescott.         | Scow—Chd.     | 1884 | 60 0  | 15 0 | 5 0  | 43  | W. Marleton, Goderich, Ont.   |
| 85716  | J. R. A. No. 2.                   | Prescott.         | Scow—Chd.     | 1884 | 60 0  | 15 0 | 5 4  | 43  | W. Marleton, Goderich, Ont.   |
| 50780  | J. B. Fay.                        | Halifax.          | Schr—Glt.     | 1865 | 55 0  | 18 4 | 7 7  | 48  | Frank Robertson, Montague Bridge, P.E.I.                                |
| 117079 | J. B. Hamill.                     | Toronto.          | Schr—Glt.     | 1877 | 73 0  | 25 0 | 6 5  | 119 | The Canadian Dredging Co., Ltd., Midland, Ont.                          |
| 107308 | J. B. King & Co.                  | Windsor, N.S.     | Dredge—Drage. | 1900 | 96 3  | 24 1 | 9 5  | 113 | Gypsum Packet Co., Ltd., Windsor, N.S.                                  |
| 130255 | J. B. King & Co.                  | Windsor, N.S.     | Scow—Chd.     | 1909 | 136 6 | 37 2 | 13 8 | 654 | Atlantic Salvage Co., Ltd., Halifax, N.S.                               |
| 100001 | J. B. Martin.                     | Charlottetown.    | Schr—Glt.     | 1890 | 87 6  | 25 1 | 7 9  | 95  | J. D. McLeod and Elwood Reynolds, Murray River, P.E.I.                  |
| 103820 | J. B. Newland.                    | Bellefleur.       | Schr—Glt.     | 1870 | 108 6 | 26 2 | 8 2  | 145 | Jas. Oliver, Belleville, Ont.   |
| 112374 | J. B. Saint.                      | Arlischt.         | Schr—Glt.     | 1902 | 42 0  | 13 3 | 6 0  | 18  | Robert Hendsbee, Half Island Cove, N.S.                                 |
| 126584 | J. B. Young.                      | Lunenburg.        | Schr—Glt.     | 1909 | 107 2 | 26 3 | 10 2 | 100 | William Duff, M.O., Lunenburg, N.S.                                     |
| 75767  | J. C. Dakin.                      | Liverpool.        | Schr—Glt.     | 1877 | 52 5  | 17 4 | 6 7  | 30  | Wm. Giffin, Isaac's Harbour, N.S.                                       |
| 141131 | J. E. Backman.                    | La Have.          | Schr—Glt.     | 1918 | 145 2 | 33 6 | 13 0 | 389 | Fraser Gray, et al., La Have, N.S.                                      |
| 100538 | J. E. Collins.                    | Halifax.          | Schr—Glt.     | 1894 | 52 2  | 18 2 | 7 0  | 36  | Peter White and John H. McDonald, Murray Harbour, P.E.I.                |
| 141639 | J. E. Conrad.                     | Lunenburg.        | Schr—Glt.     | 1920 | 127 1 | 26 6 | 10 4 | 114 | Gordon A. Corkum, M.O., East La Have, N.S.                              |
| 121664 | J. E. Hoppell.                    | Quebec.           | Schr—Glt.     | 1905 | 76 2  | 23 2 | 7 1  | 74  | Louis E. Verreault, Meelins, Que.                                       |
| 131086 | J. E. Russell's Drill Boat No. 6. | Toronto.          | Drill Boat    | 1912 | 80 0  | 30 0 | 5 3  | 289 | John E. Russell, Toronto, Ont.  |
| 130777 | J. F. Boyd No. 1.                 | Sault Ste. Marie. | Dredge—Drage. | 1911 | 75 0  | 24 0 | 7 0  | 145 | John F. Boyd, Sault Ste. Marie, Ont.                                    |
| 134195 | J. F. Boyd No. 3.                 | Sault Ste. Marie. | Scow—Chd.     | 1913 | 30 0  | 11 5 | 4 0  | 14  | John F. Boyd, Sault Ste. Marie, Ont.                                    |
| 134191 | J. F. Boyd No. 4.                 | Sault Ste. Marie. | Scow—Chd.     | 1911 | 73 0  | 30 0 | 8 0  | 175 | John F. Boyd, Sault Ste. Marie, Ont.                                    |
| 134381 | J. F. Boyd No. 5.                 | Sault Ste. Marie. | Scow—Chd.     | 1908 | 66 0  | 30 0 | 6 5  | 196 | Port Arthur Construction Co., Ltd., Excelsior Life Bldg., Toronto, Ont. |
| 134382 | J. F. Boyd No. 6.                 | Sault Ste. Marie. | Scow—Chd.     | 1914 | 90 0  | 30 0 | 8 5  | 270 | C. W. Shrappe & Co., Ltd., C.P.R. Bldg., Toronto, Ont.                  |
| 138222 | J. G. Rene.                       | Montreal.         | Barge—Chd.    | 1916 | 197 5 | 36 7 | 15 2 | 530 | The Nova Scotia Steel and Coal Co., Ltd., New Glasgow, N.S.             |
| 100164 | J. H. Ernst.                      | Charlottetown.    | Schr—Glt.     | 1891 | 80 0  | 23 5 | 9 0  | 74  | Argue J. Carmichael, St. Anns, N.S.                                     |
| 129472 | J. H. Redfern.                    | Ottawa.           | Barge—Chd.    | 1907 | 122 1 | 24 1 | 8 6  | 208 | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                       |
| 141696 | J. H. Simclair.                   | Lunenburg.        | Schr—Glt.     | 1920 | 124 0 | 26 6 | 11 0 | 114 | Wm. Duff, M.O., Lunenburg, N.S.   |
| 141595 | J. I. Case.                       | Montreal.         | Schr—Glt.     | 1874 | 207 8 | 34 6 | 14 5 | 814 | The Sincennes-McNaughton Line, Ltd., 75 Common St., Montreal, Que.      |
| 110853 | J. J. Cox.                        | La Have.          | Schr—Glt.     | 1905 | 75 0  | 21 9 | 8 1  | 65  | James Walters, et al., La Have, N.S.                                    |
| 141519 | J. L. Ralston.                    | Parrsboro.        | Schr—Glt.     | 1919 | 156 5 | 35 6 | 13 0 | 462 | James W. Kirkpatrick, et al., Parrsboro, N.S.                           |
| 141753 | J. R. Edwards.                    | Montreal.         | Schr—Glt.     | 1883 | 175 8 | 30 5 | 10 0 | 442 | T. Ranger Enderby, Montreal, Que.                                       |
| 141140 | J. W. Concum.                     | La Have.          | Schr—Glt.     | 1919 | 134 0 | 32 0 | 12 2 | 323 | Josha E. Backman, M.O., La Have, N.S.                                   |
| 134053 | J. W. Marquson.                   | Lunenburg.        | Schr—Glt.     | 1914 | 93 8  | 23 0 | 9 9  | 79  | Joseph Conrad, M.O., La Have, N.S.                                      |
| 117104 | J. W. Todd.                       | Ottawa.           | Barge—Chd.    | 1904 | 120 0 | 24 0 | 7 9  | 171 | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                       |
| 138520 | J. Z. Degaigne.                   | Quebec.           | Schr—Glt.     | 1917 | 77 0  | 24 7 | 7 5  | 91  | Joseph Z. Degaigne, Les Eboulements, Que.                               |

<sup>1A</sup> A recovered wreck. <sup>2</sup>Foreign name "Black Rock."

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.  
 ©Equipped with Wireless—Muni de la T.S.F.—Abbreviations—Abréviations: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship<br>Nom du navire. | Port of Registry<br>Port d'enregistrement. | Rig.<br>Gréement. | Build.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|--------------------------------|--|-------------------|------------------------|---------------------------------------|---|---|--|--|---|
| 102771                              | J. Amy.....                    | Chatham, N.B.                              | Schr—Glt.         | 1895                   | Tranish, P.E.I.                       | 37 3  | 12 3  | 5 0  | 12   | John Poirier, M.O., Tignish, P.E.I.   |
| 122443                              | J. Bursell.....                | Ottawa.....                                | Barge—Chd.        | 1918                   | Hull, Que.                            | 119 7   | 24 1  | 8 0  | 191  | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                                     |
| 142553                              | J. Duffy.....                  | La Have.....                               | Schr—Glt.         | 1919                   | Sudberville, N.S.                     | 115 0   | 26 9  | 10 6   | 115  | John L. Spindler, et al., La Have, N.S.   |
| 124035                              | J. Feary Mackenzie.....        | Lancaster.....                             | Schr—Glt.         | 1914                   | Lancaster, N.S.                       | 109 8   | 26 3  | 10 4   | 100  | William C. Smith, M.O., Lancaster, N.S.   |
| 167096                              | J. Robertson.....              | Ottawa.....                                | Barge—Chd.        | 1898                   | Hull, Que.                            | 108 0   | 23 0  | 7 3  | 152  | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                                     |
| 126128                              | J. Tolmie.....                 | Kingston.....                              | Schr—Glt.         | 1874                   | Chicago, Ill., U.S.A.                 | 130 2   | 27 0  | 9 2  | 227  | Charles A. Chilver, Walkerville, Ont.   |
| 129073                              | Jack Chmiek.....               | Vancouver.....                             | Sloop.....        | 1907                   | Vancouver, B.C.                       | 29 6  | 10 8  | 4 8  | 11   | Robert K. Scarlet, Vancouver, B.C.  |
| 126852                              | Jack Canuck No. 3.....         | Toronto.....                               | Dredge—Draige     | 1909                   | Midland, Ont.                         | 63 0  | 24 2  | 6 0  | 113  | Jennings & Ross, Ltd., 79 Spadina Ave., Toronto, Ont.                                 |
| 82252                               | Jedson.....                    | Ottawa.....                                | Barge—Chd.        | 1881                   | Hull, Que.                            | 110 7   | 21 3  | 7 8  | 157  | Joseph Wilson, Montreal, Que.   |
| 100610                              | Jedson.....                    | Shelburne.....                             | Barge—Chd.        | 1883                   | Shelburne, N.S.                       | 44 0  | 11 5  | 8 3  | 14   | J. B. Bland, Gaspe, Que.  |
| 92266                               | James Barber.....              | St. John, N.B.                             | Yawl—Yole         | 1887                   | Waterborough, N.B.                    | 79 0  | 26 0  | 6 6  | 80   | St. Clair Cann, Westport, N.S.  |
| 84824                               | James Dyer.....                | Halifax.....                               | Schr—Glt.         | 1882                   | Rumber Sound, Nfld.                   | 59 0  | 18 0  | 7 3  | 47   | Inkerman Allen, Boxford, N.B.   |
| 138408                              | James E. McKenzie.....         | Sydney, N.S.                               | Schr—Glt.         | 1920                   | Aspy Bay, N.S.                        | 40 8  | 12 5  | 6 3  | 12   | John J. Fitzgerald, White Point, N.S.   |
| 130564                              | James L.....                   | Lancaster.....                             | Schr—Glt.         | 1911                   | Faseook, N.S.                         | 56 2  | 14 0  | 7 6  | 37   | The Schooner Romaine Ltd., 134 McGill St., Montreal, Que.                             |
| 141361                              | James T. Dolan.....            | Montreal.....                              | Barge—Chd.        | 1883                   | Buffalo, N.Y., U.S.A.                 | 96 0  | 18 0  | 8 5  | 127  | Log Supply Co., Ltd., 137 McGill St., Montreal, Que.                                  |
| 121910                              | James U. Thomas.....           | Halifax.....                               | Schr—Glt.         | 1919                   | St. Hyaire, Que.                      | 74 0  | 19 7  | 8 0  | 53   | Samuel Bennett, Port aux Bras, Burin, Nfld.   |
| 126906                              | Jane Anderson.....             | Halifax.....                               | Schr—Glt.         | 1910                   | Stelburne, N.S.                       | 67 0  | 19 8  | 6 7  | 53   | John T. Chaceman, Burin, Nfld.  |
| 122087                              | Jane.....                      | Halifax.....                               | Schr—Glt.         | 1910                   | Peipavieck, N.S.                      | 67 0  | 19 8  | 6 7  | 53   | John T. Chaceman, Burin, Nfld.  |
| 107768                              | Jane F.....                    | Charlottetown.....                         | Schr—Glt.         | 1902                   | Montague, P.E.I.                      | 35 0  | 11 6  | 5 8  | 14   | Austin L. Fraser, Souris, P.E.I.  |
| 130662                              | Jardineville.....              | Charlottetown.....                         | Schr—Glt.         | 1902                   | Montague, P.E.I.                      | 56 9  | 18 5  | 7 4  | 46   | John F. Proctor, Port Maleslin, N.S.  |
| 100294                              | Jeann.....                     | Richmond.....                              | Schr—Glt.         | 1908                   | Coxton, N.B.                          | 34 0  | 11 0  | 4 6  | 10   | Thos. Legood, Richbucto, N.B.   |
| 100994                              | Jeann.....                     | Chatham, N.B.                              | Schr—Glt.         | 1901                   | Caraquee, N.B.                        | 38 8  | 12 8  | 4 4  | 13   | Thos. DesBrisay, Bathurst, N.B.   |
| 138669                              | Jean E. Crowell.....           | Barrington Passage.....                    | Schr—Glt.         | 1919                   | West Yulonic, N.S.                    | 69 0  | 20 6  | 8 4  | 69   | Everett T. Nickerson, Port Clyde, N.S. and A. L. Crowell, Port La Tour, N.S.          |
| 141291                              | Jean F. Anderson.....          | Digby.....                                 | Schr—Glt.         | 1919                   | Port Wade, N.S.                       | 140 0   | 33 3  | 12 7   | 443  | Port Wake Shipbuilding Co., Ltd., Digby, N.S.   |
| 129932                              | Jean Joseph.....               | Quebec.....                                | Schr—Glt.         | 1910                   | Chatham, Que.                         | 79 0  | 21 6  | 5 3  | 50   | Jos. Tremblay, L'Anse, St. Jean, Que.   |
| 138516                              | Jean Paul.....                 | Quebec.....                                | Barge—Chd.        | 1917                   | Deschambault, Que.                    | 85 0  | 23 6  | 5 8  | 83   | The Windrush Shipping Co., Ltd., Ottawa, Ont.   |
| 121934                              | Jeanne & Annie.....            | Halifax.....                               | Schr—Glt.         | 1917                   | Spzy Bay, N.S.                        | 43 0  | 12 8  | 6 7  | 16   | John E. Tutty, Louisburg, N.S.  |
| 116822                              | Jennett.....                   | Barrington Passage.....                    | Sloop.....        | 1902                   | Charle's Harbour, N.S.                | 29 0  | 12 2  | 5 7  | 11   | Thomas A. Kenney, Clarke's Harbour, N.S.  |
| 116665                              | Jennett.....                   | Midland.....                               | Schr—Glt.         | 1881                   | Amie Clemeus, Mich.                   | 145 0   | 28 5  | 10 9   | 334  | The Morden Transit Co., Ltd., Midland, Ont.   |
| 83091                               | Jennie.....                    | Port Hawkesbury.....                       | Schr—Glt.         | 1879                   | Port Harboure, N.S.                   | 70 1  | 10 2  | 5 3  | 11   | Peter C. Bosdelt, West Arichal, N.S.  |
| 110207                              | Jennie.....                    | Windsor, Ont.                              | Schr—Glt.         | 1891                   | Irwin, Mich., U.S.A.                  | 35 0  | 20 9  | 5 0  | 50   | Dennis Ouellet, Belle Rivier, Ont.  |
| 112312                              | Jennie L.....                  | St. Andrews.....                           | Sloop.....        | 1890                   | Meduan, Me., U.S.A.                   | 40 0  | 14 2  | 6 4  | 21   | Thos. H. Lord, West Isles, N.B.   |
| 122138                              | Jennie L.....                  | Yarmouth.....                              | Sloop.....        | 1805                   | Clyde, N.S.                           | 30 0  | 11 0  | 6 0  | 20   | James A. Smith, Port La Tour, N.S.  |

SESSIONAL PAPER No. 22

| No.    | Name               | Owner                 | Tonnage | Registered | Home Port | Agent |
|--------|--------------------|-----------------------|---------|------------|-----------|-------|
| 122694 | Jennie T.          | St. Andrews           | 41      | 16         | 7         | 6     |
| 141270 | Jennie V. Merriman | Paraburo              | 53      | 35         | 0         | 8     |
| 146965 | Jeremiah Godfrey   | Montreal              | 151     | 3          | 9         | 9     |
| 134478 | Jersey City        | Montreal              | 79      | 21         | 6         | 5     |
| 103289 | Jersey Lily        | Chatham, N.B.         | 37      | 12         | 8         | 4     |
| 88563  | Jessie             | Kingston              | 63      | 13         | 6         | 0     |
| 111064 | Jessie             | Montreal              | 97      | 5          | 0         | 1     |
| 59186  | Jessie             | St. John, N.B.        | 78      | 25         | 0         | 6     |
| 37514  | Jessie Brown       | Charlottetown         | 66      | 20         | 5         | 0     |
| 12316  | Jessie C.          | St. Andrews           | 30      | 13         | 6         | 0     |
| 103997 | Jessie James       | St. Andrews           | 31      | 12         | 2         | 0     |
| 111998 | Jessie Kay         | Amnapolis Royal       | 35      | 11         | 0         | 4     |
| 116925 | Jessie Roy         | Barrington Passage    | 33      | 2          | 0         | 3     |
| 16747  | Jessie W.          | Halifax               | 39      | 10         | 6         | 3     |
| 150251 | Jessie and Alice   | Sydney, N.S.          | 91      | 24         | 3         | 3     |
| 146994 | Jeff               | Montreal              | 137     | 29         | 6         | 9     |
| 134006 | John               | Papaybiac             | 37      | 12         | 5         | 3     |
| 133989 | John A. Lee        | Windsor Ont.          | 60      | 17         | 6         | 4     |
| 130985 | John B.            | New Westminster, B.C. | 100     | 4          | 3         | 6     |
| 100968 | John Bull          | Chatham, N.B.         | 31      | 5          | 0         | 0     |
| 133882 | John C. Potter     | Vancouver             | 34      | 13         | 4         | 8     |
| 51965  | John E. Dennis     | Vancouver             | 190     | 36         | 7         | 24    |
| 71071  | John G. Kollage    | St. Andrews           | 35      | 14         | 0         | 5     |
| 136903 | John G. Springour  | Amherstburg           | 79      | 22         | 2         | 3     |
| 83240  | John Gray          | Charlottetown         | 31      | 12         | 2         | 4     |
| 95752  | John Halifax       | Ottawa                | 110     | 20         | 0         | 7     |
| 95750  | John Kennedy       | Shelburne             | 75      | 8          | 0         | 5     |
| 126151 | John L.            | Montreal              | 111     | 21         | 2         | 7     |
| 121795 | John MacBride      | Yarmouth              | 92      | 26         | 6         | 9     |
| 71135  | John R. Arnold     | Montreal              | 31      | 11         | 0         | 0     |
| 85714  | John R. Booth      | Bellefleur            | 58      | 15         | 6         | 4     |
| 130268 | John R. Booth      | Prescott              | 73      | 20         | 5         | 4     |
| 103134 | Johnney            | Ottawa                | 113     | 13         | 0         | 2     |
| 116689 | Joseph Doucet      | Quebec                | 58      | 19         | 0         | 5     |
| 94789  | Joseph McGill      | Riechbucto            | 34      | 11         | 6         | 4     |
| 130091 | Joseph Marie G.    | Charlottetown         | 81      | 23         | 4         | 9     |
| 94970  | Joseph P.          | Chatham, N.B.         | 39      | 14         | 7         | 3     |
| 130249 | Joseph P. Johnston | Charlottetown         | 58      | 20         | 8         | 4     |
| 100065 | Josephine          | Charlottetown         | 87      | 6          | 0         | 7     |
| 77892  | Josephine          | Shackville            | 35      | 12         | 6         | 4     |
| 138135 | Josephus           | Saekville             | 33      | 6          | 4         | 7     |
| 83461  | Josie L. Day       | Quebec                | 76      | 24         | 0         | 6     |
| 122594 | Josie W.           | Digby                 | 42      | 15         | 0         | 9     |
| 116890 | Joyce M. Smith     | St. Andrews           | 42      | 12         | 9         | 5     |
| 116672 | Juanita            | Lunenburg             | 122     | 5          | 0         | 1     |
| 88454  | Jubilee            | St. Andrews           | 36      | 13         | 0         | 0     |
| 107532 | Jubilee            | Arichat               | 51      | 17         | 6         | 3     |
| 100652 | Julia              | St. John, N.B.        | 25      | 10         | 3         | 0     |
| 735506 | Julia A.           | Quebec                | 59      | 18         | 0         | 6     |
| 60613  | Julia Ann          | Charlottetown         | 41      | 14         | 0         | 5     |
|        |                    | Moncton               | 45      | 8          | 1         | 5     |

\*Foreign name "Decidive."

\*Formerly "Defender."

\*Foreign name "Clara."

|       |  |     |    |    |    |   |
|-------|--|-----|----|----|----|---|
| 31    | Gordon Elliott, Tiverton, N.S.   | 41  | 16 | 0  | 7  | 6 |
| 451   | Hodreck A. McInnis, et al., Parrishoro, N.S.                             | 53  | 35 | 0  | 8  | 8 |
| 600   | Montreal Transportation Co., Ltd., 260 St. James St., Montreal, Que.     | 151 | 3  | 9  | 9  | 9 |
| 77    | The Minister of Public Works, Ottawa, Ont.                               | 79  | 21 | 6  | 5  | 5 |
| 12    | T. R. Miller, Slappingan, N.B.   | 37  | 12 | 8  | 4  | 0 |
| 20    | M. Amberley, Fortland, Ont.  | 63  | 13 | 6  | 0  | 0 |
| 33    | P. Charlemagne & Lac Outreau Lumber Co., Ltd., Montreal, Que.            | 97  | 5  | 0  | 1  | 1 |
| 72    | H. V. Brewster, Albert, N.B.   | 78  | 25 | 0  | 6  | 4 |
| 56    | Wm. G. Richards, Grand River, P.E.I.                                     | 66  | 20 | 5  | 0  | 0 |
| 18    | John M. Campbell, Charlottetown, N.B.                                    | 30  | 13 | 6  | 0  | 0 |
| 10    | John M. Campbell, Charlottetown, N.B.                                    | 31  | 12 | 2  | 0  | 0 |
| 11    | John H. Keatinge, Grandville, N.S.                                       | 35  | 11 | 0  | 4  | 8 |
| 12    | Robin Jones & Whelan, Ltd., Halifax, N.S.                                | 33  | 2  | 0  | 3  | 3 |
| 12    | Jacob Mansel, Cassville, N.S.  | 39  | 10 | 6  | 3  | 3 |
| 110   | Jos. O'Brien, Digby, N.S.  | 91  | 24 | 3  | 3  | 3 |
| 312   | The Atlas-Stein Co., Ltd., 77 Common St., Montreal, Que.                 | 137 | 29 | 6  | 9  | 9 |
| 11    | Robin Jones & Whelan, Ltd., Halifax, N.S.                                | 37  | 12 | 5  | 3  | 3 |
| 40    | M. Thibault, jr., Belle River, Ont.                                      | 60  | 17 | 6  | 4  | 4 |
| 421   | The Pacific Construction Co., Ltd., 510 Hastings St. W., Vancouver, B.C. | 100 | 4  | 3  | 6  | 7 |
| 11    | W. S. Legrie, Co., Ltd., Chatham, N.B.                                   | 31  | 5  | 0  | 0  | 0 |
| 10    | James Anderson, Church Point, N.B.                                       | 34  | 13 | 4  | 8  | 8 |
| 1,145 | Coastwise Steamship & Barge Co., Ltd., Vancouver, B.C.                   | 190 | 36 | 7  | 24 | 0 |
| 18    | Alfred Stanley, sr., Grand Manan, N.B.                                   | 35  | 14 | 0  | 5  | 1 |
| 88    | James Sell and Robert Reid, Red Bay, Ont.                                | 79  | 22 | 2  | 3  | 3 |
| 14    | Herbert Williams, Beach Point, Murray Harbour, P.E.I.                    | 31  | 12 | 2  | 4  | 4 |
| 156   | Joseph Wilson, Montreal, Que.  | 110 | 20 | 0  | 7  | 4 |
| 63    | Francis Forbringer, Port Malcolm, N.S.                                   | 75  | 8  | 0  | 5  | 5 |
| 155   | Asbore Cournoyer, Sorel, Que.  | 111 | 21 | 2  | 6  | 9 |
| 359   | Harbour Commissioners of Montreal, Montreal, Que.                        | 92  | 36 | 7  | 0  | 9 |
| 11    | Bert Hinson, Sand Point, N.S.  | 31  | 11 | 0  | 0  | 0 |
| 42    | Joseph and Albert Robillard, Montreal, Que.                              | 143 | 1  | 26 | 2  | 1 |
| 42    | Edward Quinn, Bellevue, Ont.   | 58  | 15 | 6  | 4  | 4 |
| 68    | Wm. Marleton, Goderich, Ont.   | 73  | 20 | 5  | 4  | 4 |
| 179   | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                        | 113 | 13 | 0  | 2  | 2 |
| 36    | Wilfred Pothuett, Fraserville, Que.                                      | 58  | 19 | 0  | 5  | 2 |
| 10    | Albert Dagle, Riechbucto, N.B.   | 34  | 11 | 6  | 4  | 6 |
| 99    | Cohn M. Colford, Port Richmond, N.S.                                     | 81  | 23 | 4  | 9  | 7 |
| 2     | Charles Gauvin, Little Lamack, N.B.                                      | 39  | 14 | 7  | 3  | 3 |
| 55    | Mrs. Mary L. Trevholm, New Glasgow, N.S.                                 | 58  | 20 | 8  | 7  | 4 |
| 71    | John E. Lake, Fortune, Nfld.   | 87  | 6  | 0  | 7  | 7 |
| 11    | P. Rive, Caraquet, N.B.  | 35  | 12 | 6  | 4  | 8 |
| 12    | L. Burke, Botsford, N.B.   | 33  | 6  | 4  | 7  | 7 |
| 72    | Wilfred Guimont, Matane, Que.  | 76  | 24 | 0  | 6  | 8 |
| 16    | W. H. Anderson, Parker's Cove, N.S.                                      | 42  | 15 | 0  | 9  | 9 |
| 15    | Lorenzo C. Watt, North Head, Grand Manan, N.E.                           | 42  | 12 | 9  | 5  | 7 |
| 113   | Edward Maxner, et al., Lunenburg, N.S.                                   | 122 | 5  | 0  | 1  | 0 |
| 14    | Henry H. Baneroff, Grand Manan, N.B.                                     | 36  | 13 | 0  | 0  | 0 |
| 34    | Arthur Parior, Desceuse, N.S.  | 51  | 17 | 6  | 3  | 1 |
| 5     | H. A. Allison, St. John, N.B.  | 25  | 10 | 3  | 0  | 3 |
| 43    | Francis and Joseph Guimont, J.O., Berthier, Que.                         | 59  | 18 | 0  | 6  | 6 |
| 15    | A. P. Proxow, Murray Harbour South, P.E.I.                               | 41  | 14 | 0  | 5  | 6 |
| 27    | Simon Burk, Cocagne, N.B.  | 45  | 8  | 1  | 6  | 4 |

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless.—Muni de la T. S. F.—*Abbreviations*—*Abbrégations*: **J.O.**, Joint owners—propriétaires conjoints; **M.O.**, Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship<br>Nom du navire. | Port of Registry<br>Port d'enregistrement. | Rig.<br>Gréement. | Build.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|--------------------------------|--|-------------------|------------------------|---------------------------------------|---|---|--|--|---|
| 129468                              | Julia B. Merrill               | Kingston                                   | Sloop—Glt.        | 1872                   | Wenona, Mich., U.S.A.                 | 128 0   | 26 5  | 8 4  | 100  | Win. F. Spencer, <i>et al.</i> , Napanee, Ont.  |
| 122120                              | Julia F. C.                    | Sydney, N.S.                               | Sloop—Glt.        | 1907                   | Ingonish, N.S.                        | 40 0  | 6 8   | 6 8  | 12   | Joseph F. Young, <i>et al.</i> , Ingonish, N.S.                                       |
| 116363                              | Julia Larson                   | Godshead                                   | Sloop—Glt.        | 1877                   | Stair Beach, Mich., U.S.A.            | 71 8  | 12 5  | 6 5  | 61   | James A. Jew, Fort Dover, Ont.  |
| 128881                              | Julia Murphy                   | Sault Ste. Marie                           | Dredge—Draque     | 1911                   | Richards Landing, Ont.                | 55 5  | 24 0  | 5 5  | 108  | Robert G. Stoeness, Sault Ste. Marie, Ont.  |
| 139116                              | Julie                          | Quebec                                     | Sloop             | 1894                   | Les Escoumiers, Que.                  | 63 0  | 19 3  | 5 5  | 53   | Jos. Bellenger, Ravire Trois Pistoles, Que.   |
| 129710                              | Julie O'p                      | Quebec                                     | Sloop—Glt.        | 1911                   | Stidbarre, N.S.                       | 69 8  | 17 8  | 7 9  | 38   | Herbert U. Swain, M.O., Lockeport, N.S.   |
| 107563                              | Juliette                       | Quebec                                     | Sloop—Glt.        | 1899                   | Sorel, Q. C.                          | 63 0  | 20 6  | 7 8  | 62   | Arthur Boyvin, Cap Cha, Que. Co., Ltd., Prescott, Ont.                                |
| 82713                               | Jumbo                          | Prescott                                   | Scow—Chd          | 1880                   | Sorel, Q. C.                          | 126 0   | 38 0  | 6 0  | 154  | Can. Ice, Car. & Pass. Transfer Co., Ltd., Prescott, Ont.                             |
| 41003                               | Jumbo No. 1                    | Quebec                                     | Scow—Chd          | 1918                   | Lanzon, Que.                          | 84 4  | 38 0  | 8 0  | 224  | Daye Shipbuilding & Repairing Co., Lantzons, Que.                                     |
| 111988                              | K. 2                           | Vancouver                                  | Scow—Chd          | 1899                   | Blaine, Wash., U.S.A.                 | 44 0  | 12 0  | 4 0  | 16   | The Fraser River Oil & Cargo Co., Ltd., Vancouver, B.C.                               |
| 111989                              | K. 3                           | Vancouver                                  | Scow—Chd          | 1899                   | Blaine, Wash., U.S.A.                 | 44 0  | 12 0  | 4 0  | 16   | The Fraser River Oil & Cargo Co., Ltd., Vancouver, B.C.                               |
| 140884                              | K. 12                          | Vancouver                                  | Scow—Chd          | 1912                   | Vancouver, B.C.                       | 56 2  | 20 0  | 5 2  | 47   | Canadian Fish and Cold Storage Co., Ltd., Prince Rupert, B.C.                         |
| 140938                              | K. 14                          | Victoria                                   | Barge—Chd         | 1909                   | New Westminster, B.C.                 | 80 8  | 26 0  | 6 7  | 115  | Lynn Bay Packing Company, Limited, 602-714 Hastings Bldg., Vancouver, B.C.            |
| 140885                              | K. 18                          | Vancouver                                  | Scow—Chd          | 1910                   | New Westminster, B.C.                 | 78 9  | 26 0  | 6 7  | 115  | Mrs. Katherine McKeen, Vancouver, B.C.  |
| 141111                              | K. 22                          | Vancouver                                  | Scow—Chd          | 1913                   | New Westminster, B.C.                 | 81 3  | 26 2  | 6 5  | 112  | William Herbert Hind, Vancouver, B.C.   |
| 140886                              | K. 24                          | Vancouver                                  | Scow—Chd          | 1911                   | New Westminster, B.C.                 | 79 2  | 25 8  | 6 8  | 115  | B.W.B. Navigation Co., Ltd., Johnsons Wharf, Vancouver, B.C.                          |
| 130560                              | K. 26                          | Vancouver                                  | Scow—Chd          | 1911                   | New Westminster, B.C.                 | 62 7  | 26 0  | 6 9  | 102  | Canadian Fish and Cold Storage Co., Ltd., Prince Rupert, B.C.                         |
| 140887                              | K. 32                          | Vancouver                                  | Scow—Chd          | 1914                   | New Westminster, B.C.                 | 81 0  | 26 0  | 6 8  | 118  | Mrs. Thomas Y. Helton, Vancouver, B.C.  |
| 140888                              | K. 34                          | Vancouver                                  | Scow—Chd          | 1912                   | New Westminster, B.C.                 | 80 0  | 26 0  | 6 4  | 110  | Stanley S. McKeen, Vancouver, B.C.  |
| 146907                              | K. 36                          | Vancouver                                  | Scow—Chd          | 1913                   | New Westminster, B.C.                 | 81 4  | 26 1  | 2 2  | 110  | Mrs. Thomas Y. Helton, Vancouver, B.C.  |
| 140889                              | K. 38                          | Vancouver                                  | Scow—Chd          | 1913                   | New Westminster, B.C.                 | 81 0  | 26 0  | 6 8  | 117  | Stanley S. McKeen, Vancouver, B.C.  |
| 140890                              | K. 40                          | Vancouver                                  | Scow—Chd          | 1911                   | New Westminster, B.C.                 | 81 0  | 26 1  | 6 7  | 118  | Stanley S. McKeen, Vancouver, B.C.  |
| 140908                              | K. 42                          | Vancouver                                  | Scow—Chd          | 1911                   | New Westminster, B.C.                 | 81 3  | 25 8  | 6 8  | 121  | Miss Mabel H. McKeen, Vancouver, B.C.   |
| 140909                              | K. 46                          | Vancouver                                  | Scow—Chd          | 1913                   | New Westminster, B.C.                 | 81 3  | 25 8  | 7 0  | 122  | Miss Mabel H. McKeen, Vancouver, B.C.   |
| 140891                              | K. 48                          | Vancouver                                  | Scow—Chd          | 1913                   | New Westminster, B.C.                 | 81 3  | 26 0  | 6 8  | 115  | Mrs. Katherine McKeen, Vancouver, B.C.  |
| 141450                              | K. 50                          | Vancouver                                  | Scow—Chd          | 1919                   | New Westminster, B.C.                 | 79 3  | 26 0  | 6 8  | 227  | Stanley S. McKeen, Vancouver, B.C.  |
| 141219                              | K. N. No. 3                    | Vancouver                                  | Scow—Chd          | 1912                   | New Westminster, B.C.                 | 86 0  | 28 0  | 6 7  | 110  | Kiarcous Navigation Co., Limited, 804 Standard Bank Bldg., Vancouver, B.C.            |
| 135704                              | K. N. No. 4                    | Vancouver                                  | Scow—Chd          | 1914                   | New Westminster, B.C.                 | 77 3  | 25 8  | 6 5  | 111  | Kiarcous Navigation Co., Limited, 804 Standard Bank Bldg., Vancouver, B.C.            |

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| 138529 | K. N. No. 5         | Vancouver       | Scow—Chd.     | 1917 | New Westminster, B.C.          | 100 8 | 32 0 | 7 9  | 532 | Kingcome Navigation Co., Limited, 804 Standard Bank Bldg., Vancouver, B.C.  |
|--------|---------------------|-----------------|---------------|------|--------------------------------|-------|------|------|-----|---|
| 138705 | K. N. No. 6         | Vancouver       | Scow—Chd.     | 1915 | New Westminster, B.C.          | 82 5  | 30 0 | 7 7  | 164 | Kingcome Navigation Co., Limited, 804 Standard Bank Bldg., Vancouver, B.C.  |
| 130746 | K. & W. No. 8       | Vancouver       | Barge—Chd.    | 1907 | New Westminster, B.C.          | 64 0  | 25 8 | 7 0  | 97  | William H. Hind, Vancouver, B.C.  |
| 103858 | K. McKenzie         | Arschak         | Schr—Glt.     | 1898 | L'Ardoise, N.S.                | 42 2  | 13 5 | 4 4  | 17  | William A. Smeaton, Amherst, N.S.   |
| 107672 | Karen               | Quebec          | Sloop         | 1912 | Yarmouth, N.S.                 | 40 0  | 12 0 | 4 4  | 10  | Horace Dassault, Levis, Que.  |
| 130782 | Karina II           | Port Hawkesbury | Schr—Glt.     | 1912 | Eastern Harb'our, N.S.         | 57 0  | 14 3 | 8 2  | 21  | Lubin S. Chasson, Eastern Harb'our, N.S.                                    |
| 107970 | Karone              | Lunenburg       | Schr—Glt.     | 1900 | Lunenburg, N.S.                | 95 6  | 24 6 | 7 4  | 97  | Karmoe Co., Ltd., 35 Bedford Row, Halifax, N.S.                             |
| 116504 | Kasuga              | Lunenburg       | Schr—Glt.     | 1904 | LaHave, N.S.                   | 63 2  | 20 4 | 6 6  | 59  | F. T. B. Young, M.O., Caraquet, N.B.  |
| 92290  | Katabdin            | Montreal        | Schr—Glt.     | 1903 | Shippigan, Ont.                | 150 0 | 30 9 | 10 9 | 381 | Norbort Duval, Contrecoeur, Que.  |
| 112169 | Kathleen            | Chatham, N.B.   | Schr—Glt.     | 1903 | Shippigan, N.B.                | 38 0  | 12 9 | 5 9  | 15  | Robin Jones & Whitman, Ltd., Halifax, N.S.                                  |
| 103584 | Kathleen C. Creaser | St. John, N.B.  | Schr—Glt.     | 1911 | Rothsay, N.B.                  | 203 0 | 26 4 | 10 8 | 4   | Albert McArthur, St. John, N.B.   |
| 137834 | Kathleen W.         | Lunenburg       | Schr—Glt.     | 1916 | Shelburne, N.S.                | 125 4 | 27 2 | 7 0  | 112 | Edwin Creaser, M.O., La Have, N.S.  |
| 141682 | Kathleen Spindler   | Lunenburg       | Schr—Glt.     | 1920 | Lunenburg, N.S.                | 125 4 | 27 2 | 7 0  | 22  | Roy Spindler, M.O., Lunenburg, N.S.   |
| 126136 | Kathleen W.         | Halifax         | Schr—Glt.     | 1889 | St. Mary's, N.S.               | 53 5  | 17 0 | 6 8  | 36  | John Agnew, Alberton, P.E.I.  |
| 84670  | Katie A. Burns      | Charlottetown   | Schr—Glt.     | 1889 | Richibucto, N.B.               | 32 9  | 11 6 | 4 9  | 11  | John L. Murphy, Campbellton, N.B.   |
| 83105  | Katie Bell          | Windsor, Ont.   | Schr—Glt.     | 1871 | Marine City, Mich., U.S.A.     | 170 0 | 30 0 | 9 5  | 382 | Grant Horne, Kingston, Ont., and The R. Laird Law Co., Ltd., Toronto, Ont.  |
| 126106 | Katie Braunard      | Windsor, Ont.   | Schr—Glt.     | 1871 | Marine City, Mich., U.S.A.     | 170 0 | 30 0 | 9 5  | 382 | Grant Horne, Kingston, Ont., and The R. Laird Law Co., Ltd., Toronto, Ont.  |
| 75911  | Katie Eccles        | Napanea         | Schr—Glt.     | 1877 | Desroches, Que.                | 95 0  | 24 0 | 8 0  | 122 | C. J. McCallum, Port Colborne, Ont.   |
| 125988 | Katie H.            | Montreal        | Barge—Chd.    | 1908 | Quebec, Que.                   | 154 0 | 30 2 | 9 7  | 370 | George Hall, Coal Company of Canada, Ltd., 273 Craig St. W., Montreal, Que. |
| 134480 | Katie Leamy         | Montreal        | Scow—Chd.     | 1902 | Charlottetown, P.E.I.          | 82 3  | 23 8 | 5 1  | 81  | The Minister of Public Works, Ottawa, Ont.                                  |
| 126563 | Katie Margaret      | Sydney, N.S.    | Schr—Glt.     | 1909 | Ingonish, N.S.                 | 39 5  | 11 6 | 5 6  | 15  | John W. Dumphy, South Ingonish, N.S.  |
| 96936  | Katie & Ella        | Charlottetown   | Sloop         | 1880 | Five Mile River, Conn., U.S.A. | 47 5  | 15 8 | 4 8  | 20  | Hammond Nicolle, White Sound, P.E.I.  |
| 126285 | Katrina             | St. John, N.B.  | Yawl—Yole     | 1909 | Rothsay, N.B.                  | 50 2  | 14 6 | 7 5  | 28  | Wallace R. Turnbull, Rothsay, N.B.  |
| 122562 | Keene               | Peterborough    | Barge—Chd.    | 1907 | Birdsalls, Ont.                | 80 0  | 18 0 | 4 0  | 48  | James D. Simpson, Peterborough, Ont.  |
| 107077 | Kelpie              | St. John, N.B.  | Sloop         | 1883 | Yarmouth, N.S.                 | 24 1  | 10 0 | 2 3  | 5   | R. C. B. Kaye, St. John, N.B.   |
| 126095 | Kemaquhair          | St. Catharines  | Dredge—Dragne | 1893 | Welland, Ont.                  | 100 0 | 40 0 | 9 5  | 462 | The Minister of Railways and Canals, Ottawa, Ont.                           |
| 126719 | Keta                | St. John, N.B.  | Barge—Chd.    | 1910 | Gagetown, N.B.                 | 60 0  | 21 9 | 4 0  | 81  | J. S. Gregory, St. John, N.B.   |
| 92548  | Kildoman            | Montreal        | Schr—Glt.     | 1888 | Kingston, Ont.                 | 174 1 | 33 0 | 11 1 | 499 | The Sincennes-McNaughton Line, Ltd., 75 Common St., Montreal, Que.          |
| 107778 | Kimberley           | Chatham, N.B.   | Barge—Chd.    | 1900 | Chatham, N.B.                  | 115 3 | 24 5 | 6 1  | 148 | J. B. Snowball Co., Ltd., Chatham, N.B.                                     |
| 126685 | Kimprose            | Montreal        | Sloop         | 1909 | Yamaska, Que.                  | 109 3 | 23 2 | 6 0  | 146 | Robidoux Sand Co., Ltd., 444 Lagachebrière St., Montreal, Que.              |
| 92597  | King                | St. Andrews     | Sloop         | 1884 | Back Bay, N.B.                 | 29 6  | 11 2 | 6 0  | 10  | Frank Pendleton, West Isles, N.B.   |
| 126595 | King Daniel         | Parrsboro       | Schr—Glt.     | 1910 | Five Islands, N.S.             | 50 2  | 16 6 | 5 5  | 29  | Bedford Milton et al., Apple River, N.S.                                    |
| 111466 | King Edward         | Chatham, N.B.   | Schr—Glt.     | 1901 | Caraquet, N.B.                 | 38 5  | 13 0 | 5 3  | 14  | Robin, Jones & Whitman, Ltd., Halifax, N.S.                                 |
| 122482 | King Edward         | Quebec          | Dredge—Dragne | 1903 | Montreal, Que.                 | 106 8 | 36 5 | 7 0  | 330 | William J. Poupore, Montreal, Que.  |
| 103949 | King Fisher         | Chatham, N.B.   | Schr—Glt.     | 1899 | Shippigan, N.B.                | 38 0  | 12 7 | 5 8  | 13  | Robin Jones & Whitman, Ltd., Halifax, N.S.                                  |
| 116408 | King George         | Victoria        | Schr—Glt.     | 1903 | Masset, B.C.                   | 45 0  | 12 5 | 4 0  | 16  | Thos. Natkoun, Massett, B.C.  |
| 125965 | King George         | Parrsboro       | Schr—Glt.     | 1908 | Port Greenville, N.S.          | 98 1  | 28 7 | 8 9  | 147 | Henry J. Jones, Bridgewater, N.S.   |
| 88516  | King Josiah         | Sydney, N.S.    | Schr—Glt.     | 1881 | Ingonish, N.S.                 | 33 9  | 13 2 | 5 1  | 10  | Daniel Power, North Sydney, N.S.  |
| 122551 | Kingsford           | Collingwood     | Dredge—Dragne | 1895 | Buffalo, N.Y., U.S.A.          | 55 7  | 30 0 | 8 2  | 270 | The C. S. Boone, Dredging & Construction Co., Ltd., Toronto, Ont.           |
| 103958 | Kingston            | Montreal        | Barge—Chd.    | 1898 | Kingston, Ont.                 | 181 0 | 35 0 | 12 0 | 578 | The Sincennes-McNaughton Line, Ltd., 75 Common St., Montreal, Que.          |
| 116866 | Kippewa             | Ottawa          | Barge—Chd.    | 1903 | Turtle Portage, Que.           | 83 0  | 16 4 | 10 3 | 57  | Patrick Kelly, Turtle Portage, Que.   |
| 126882 | Kirk 2              | Vancouver       | Scow—Chd.     | 1910 | Vancouver, B.C.                | 54 4  | 26 0 | 6 0  | 77  | Vancouver Dredging and Salvage Co., Ltd., 427 Syemour St., Vancouver, B.C.  |
| 100981 | Kite                | Chatham, N.B.   | Schr—Glt.     | 1888 | Caraquet, N.B.                 | 36 0  | 12 1 | 5 1  | 11  | The C. Robin, Collas Co., Ltd., Halifax, N.S.                               |
| 103288 | Kite                | Chatham, N.B.   | Schr—Glt.     | 1905 | Shippigan, N.B.                | 34 7  | 12 0 | 4 8  | 10  | Patrick E. Lanteigne, Caraquet, N.B.  |
| 126574 | Kite II             | Halifax         | Sloop         | 1899 | Halifax, N.S.                  | 29 0  | 9 0  | 5 0  | 6   | Dennis Stairs, Halifax, N.S.  |
| 107774 | Klondyke            | Chatham, N.B.   | Schr—Glt.     | 1900 | Caraquet, N.B.                 | 37 6  | 13 0 | 5 5  | 14  | Robin, Jones & Whitman, Ltd., Halifax, N.S.                                 |
| 103732 | Klondyke            | Parrsboro       | Schr—Glt.     | 1897 | Port Greenville, N.S.          | 74 8  | 24 6 | 7 7  | 78  | H. A. McCade, St. Stephen, N.B.   |
| 103283 | Koh-noor            | Chatham, N.B.   | Schr—Glt.     | 1895 | Caraquet, N.B.                 | 37 0  | 12 8 | 5 2  | 13  | P. Elve, Caraquet, N.B.   |
| 112271 | Koraal              | Montreal        | Sloop         | 1898 | Dorval, Que.                   | 34 3  | 8 9  | 1 7  | 1   | Harold E. Smitth, Westmont, Que.  |

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| Official Number<br>Numéro officiel. | Name of Ship<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Rig.<br>Gréement. | Build<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|--------------------------------|---|-------------------|-----------------------|---------------------------------------|---|---|--|--|---|
| 131246                              | Kruzer.....                    | Toronto.....                                | Stow—Chd.....     | 1904.....             | Duluth, Minn., U.S.A.....             | 111 0   | 27 4  | 8 0  | 243  | Toronto Sand and Gravel Co., Ltd., Toronto, Ont.                                      |
| 112331                              | Kulota.....                    | Collingwood.....                            | Sloop.....        | 1904.....             | Collingwood, Ont.....                 | 26 0  | 7 5   | 3 7  | 3  | Howard Turnbull, M.O., Montreal, Que.   |
| 121889                              | Kuroki.....                    | Yarmouth.....                               | Sloop.....        | 1906.....             | Barrington, N.S.....                  | 30 0  | 11 4  | 6 0  | 10   | Judah A. Newell, M.O., Cape Island, N.S.  |
| 126605                              | L. 7.....                      | Chatham, N.B.....                           | Barge—Chd.....    | 1909.....             | Loggieville, N.B.....                 | 74 0  | 22 6  | 6 0  | 142  | Northern Dredging & Construction Co., Ltd., Loggieville, N.B.                         |
| 126606                              | L. 8.....                      | Chatham, N.B.....                           | Barge—Chd.....    | 1909.....             | Loggieville, N.B.....                 | 74 0  | 22 6  | 6 0  | 142  | Northern Dredging & Construction Co., Ltd., Loggieville, N.B.                         |
| 138138                              | L. A. J. T.....                | Quebec.....                                 | Schr—Glt.....     | 1915.....             | Be-aux-Coudres, Que.....              | 45 8  | 16 5  | 6 2  | 25   | Louis Tremblay, Be-aux-Coudres, Que.  |
| 141159                              | L. B. P. Co. 5.....            | Victoria.....                               | Schr—Chd.....     | 1911.....             | Bellingham, Wash., U.S.A.....         | 40 9  | 11 9  | 3 8  | 15   | Lummi Bay Packing Co., Ltd., 602-744 Hastings St. W., Vancouver, B.C.                 |
| 141160                              | L. B. P. Co. 8.....            | Victoria.....                               | Scow—Chd.....     | 1914.....             | Bellingham, Wash., U.S.A.....         | 51 9  | 15 9  | 4 1  | 29   | Lummi Bay Packing Co., Limited, 602-744 Hastings St. W., Vancouver, B.C.              |
| 126872                              | L. C. M.....                   | Dieby.....                                  | Schr—Glt.....     | 1910.....             | Conceauville, N.S.....                | 41 0  | 13 0  | 5 5  | 13   | Benaïm Benzason, Harbourville, N.S.   |
| 126103                              | L. C. & S., No. 1.....         | Montreal.....                               | Scow—Chd.....     | 1906.....             | Cornwall, Ont.....                    | 57 0  | 16 0  | 3 5  | 53   | Lyon Cohen, Montreal, Que.  |
| 126303                              | L. C. & S., No. 2.....         | Montreal.....                               | Scow—Chd.....     | 1908.....             | Hawkesbury, Ont.....                  | 55 4  | 14 6  | 3 7  | 22   | Lyon Cohen, Montreal, Que.  |
| 126304                              | L. C. & S., No. 3.....         | Montreal.....                               | Scow—Chd.....     | 1908.....             | Cornwall, Ont.....                    | 79 0  | 20 0  | 5 4  | 91   | Lyon Cohen, Montreal, Que.  |
| 126305                              | L. C. & S., No. 4.....         | Montreal.....                               | Barge—Chd.....    | 1904.....             | Lachine, Que.....                     | 65 7  | 11 0  | 3 5  | 26   | Lyon Cohen, Montreal, Que.  |
| 126307                              | L. C. & S., No. 6.....         | Montreal.....                               | Barge—Chd.....    | 1905.....             | Cornwall, Ont.....                    | 69 1  | 16 3  | 4 5  | 35   | Lyon Cohen, Montreal, Que.  |
| 130396                              | L. C. & S., No. 7.....         | Montreal.....                               | Scow—Chd.....     | 1910.....             | Montreal, Que.....                    | 57 0  | 16 0  | 4 6  | 37   | Lyon Cohen, Montreal, Que.  |
| 126308                              | L. C. & S., No. 8.....         | Montreal.....                               | Scow—Chd.....     | 1907.....             | Cornwall, Ont.....                    | 70 7  | 24 6  | 8 0  | 120  | Lyon Cohen, Montreal, Que.  |
| 126309                              | L. C. & S., No. 9.....         | Montreal.....                               | Scow—Chd.....     | 1907.....             | Cornwall, Ont.....                    | 82 3  | 24 6  | 7 7  | 127  | C. S. Boome Dredging and Construction Co., Ltd., 36 Toronto St., Toronto, Ont.        |
| 126310                              | L. C. & S., No. 10.....        | Montreal.....                               | Scow—Chd.....     | 1906.....             | Cornwall, Ont.....                    | 78 3  | 21 0  | 8 0  | 106  | Lyon Cohen, Montreal, Que.  |
| 126311                              | L. C. & S., No. 11.....        | Montreal.....                               | Scow—Chd.....     | 1906.....             | Cornwall, Ont.....                    | 70 9  | 20 9  | 7 4  | 86   | Lyon Cohen, Montreal, Que.  |
| 126312                              | L. C. & S., No. 12.....        | Montreal.....                               | Scow—Chd.....     | 1907.....             | Cornwall, Ont.....                    | 55 2  | 17 6  | 5 8  | 43   | Lyon Cohen, Montreal, Que.  |
| 126313                              | L. C. & S., No. 13.....        | Montreal.....                               | Scow—Chd.....     | 1906.....             | Cornwall, Ont.....                    | 70 6  | 20 2  | 7 2  | 84   | Lyon Cohen, Montreal, Que.  |
| 126314                              | L. C. & S., No. 14.....        | Montreal.....                               | Scow—Chd.....     | 1905.....             | Cornwall, Ont.....                    | 61 5  | 16 5  | 5 0  | 39   | Lyon Cohen, Montreal, Que.  |
| 126315                              | L. C. & S., No. 15.....        | Montreal.....                               | Scow—Chd.....     | 1906.....             | Cornwall, Ont.....                    | 55 3  | 17 6  | 4 8  | 39   | Lyon Cohen, Montreal, Que.  |
| 126316                              | L. C. & S., No. 16.....        | Montreal.....                               | Scow—Chd.....     | 1906.....             | Cornwall, Ont.....                    | 63 9  | 18 8  | 6 1  | 55   | Lyon Cohen, Montreal, Que.  |
| 126317                              | L. C. & S., No. 17.....        | Montreal.....                               | Scow—Chd.....     | 1906.....             | Cornwall, Ont.....                    | 66 6  | 17 3  | 6 0  | 55   | Lyon Cohen, Montreal, Que.  |
| 126318                              | L. C. & S., No. 18.....        | Montreal.....                               | Scow—Chd.....     | 1876.....             | Cornwall, Ont.....                    | 61 0  | 16 8  | 5 6  | 43   | Lyon Cohen, Montreal, Que.  |
| 74254                               | H. P.....                      | Quebec.....                                 | Sloop.....        | 1903.....             | St. Jean Deschaillons, Q.....         | 101 9   | 23 0  | 6 3  | 98   | P. Adolphe Lavallée, Quebec, Que.   |



SESSIONAL PAPER No. 22

| No.    | Name                  | Type            | Home Port                         | Agent                             | Tonnage | Days | Days | Days | Days   |
|--------|-----------------------|-----------------|-----------------------------------|-----------------------------------|---------|------|------|------|--|
| 134483 | L. S. G. Co., No. 2.  | Scow—Chd.       | Montreal.                         | Lachine, Que.                     | 79 3    | 20 0 | 4 4  | 56   | Arthur Lalorce and Arthur Bélanger, J.O., Lachine, Que.              |
| 129892 | L. S. G. Co., No. 3.  | Dredge—Drague   | Duluth, Minn.                     | Duluth, Minn., U.S.A.             | 100 0   | 31 3 | 6 7  | 333  | S. L. Penhorwood, Sault Ste. Marie, Ont.                             |
| 130774 | L. S. G. Co., No. 4.  | Dredge—Drague   | Duluth, Minn.                     | Duluth, Minn., U.S.A.             | 100 0   | 31 3 | 6 7  | 333  | Sydney L. Penhorwood, Sault Ste. Marie, Ont.                         |
| 134383 | L. S. G. Co., No. 9.  | Scow—Chd.       | South Chicago, Ill.               | South Chicago, Ill., U.S.A.       | 49 6    | 24 0 | 8 0  | 104  | Sydney L. Penhorwood, Sault Ste. Marie, Ont.                         |
| 134197 | L. S. G. Co., No. 31. | Scow—Chd.       | Cleveland, Ohio                   | Cleveland, Ohio, U.S.A.           | 105 0   | 25 0 | 8 0  | 377  | Sydney L. Penhorwood, Sault Ste. Marie, Ont.                         |
| 133722 | L. W. 15.             | Scow—Chd.       | New Westminster, B.C.             | New Westminster, B.C.             | 81 0    | 26 0 | 6 8  | 124  | Leonard Wilson, New Westminster, B.C.                                |
| 141129 | L. W. 21.             | Scow—Chd.       | New Westminster, B.C.             | New Westminster, B.C.             | 81 0    | 26 0 | 6 8  | 117  | Wm. H. Hind, Vancouver, B.C.   |
| 138723 | L. W. 27.             | Scow—Chd.       | New Westminster, B.C.             | New Westminster, B.C.             | 81 0    | 26 0 | 6 8  | 124  | Leonard Wilson, New Westminster, B.C.                                |
| 138724 | L. W. 33.             | Scow—Chd.       | New Westminster, B.C.             | New Westminster, B.C.             | 77 6    | 25 0 | 6 3  | 107  | Leonard Wilson, New Westminster, B.C.                                |
| 138724 | L. W. 37.             | Scow—Chd.       | New Westminster, B.C.             | New Westminster, B.C.             | 77 6    | 25 0 | 6 3  | 107  | Leonard Wilson, New Westminster, B.C.                                |
| 138694 | L. W. S. Co., Ltd.    | Scow—Chd.       | Winnipeg, Man.                    | Winnipeg, Man.                    | 188 5   | 33 5 | 8 0  | 423  | Lake Winnipeg Shipping Co., Ltd., Winnipeg, Man.                     |
| 134254 | L. W. S. Co., Ltd.    | Winnipeg, Man.  | Winnipeg, Man.                    | Winnipeg, Man.                    | 188 5   | 33 5 | 8 0  | 423  | Lake Winnipeg Shipping Co., Ltd., Winnipeg, Man.                     |
| 134255 | L. W. S. Co., Ltd.    | Barge—Chd.      | Winnipeg, Man.                    | Winnipeg, Man.                    | 180 5   | 37 0 | 8 0  | 458  | Lake Winnipeg Shipping Co., Ltd., Winnipeg, Man.                     |
| 134256 | L. W. S. Co., Ltd.    | Barge—Chd.      | Winnipeg, Man.                    | Winnipeg, Man.                    | 180 5   | 37 0 | 8 0  | 458  | Lake Winnipeg Shipping Co., Ltd., Winnipeg, Man.                     |
| 134257 | L. W. S. Co., Ltd.    | Barge—Chd.      | Winnipeg, Man.                    | Winnipeg, Man.                    | 179 5   | 33 5 | 9 0  | 491  | Lake Winnipeg Shipping Co., Ltd., Winnipeg, Man.                     |
| 141597 | L. C. Smith.          | Barge—Chd.      | Pierreville, Que.                 | Pierreville, Que.                 | 108 6   | 22 9 | 7 5  | 165  | Ludger Yergeau, Pierreville, Que.                                    |
| 122410 | L. T. Demarais.       | Sloop           | St. François du Lac, Que.         | St. François du Lac, Que.         | 117 0   | 23 2 | 7 0  | 135  | Edmond Lizotte, Pierreville, Que.                                    |
| 130958 | L'Acadie.             | Schr—Glt.       | Lamék, N.B.                       | Lamék, N.B.                       | 30 7    | 14 0 | 6 4  | 17   | Langé Aché, Lamék, N.B.  |
| 130337 | L'Adienne.            | Schr—Glt.       | Chatham, N.B.                     | Chatham, N.B.                     | 37 0    | 13 3 | 5 8  | 18   | John S. Noel, Shippagan Island, N.B.                                 |
| 108623 | L'Ange.               | Sloop           | Isle Verte, Que.                  | Isle Verte, Que.                  | 30 6    | 11 9 | 4 6  | 10   | L. Michaud, Isle Verte, Que.   |
| 130987 | L'Assomption.         | Schr—Glt.       | Lower Caraque, N.B.               | Lower Caraque, N.B.               | 41 5    | 14 5 | 6 0  | 18   | Jacob J. L. Chasson, Lower Caraque, N.B.                             |
| 80655  | L'Aurore.             | Schr—Glt.       | Cap Santé, Que.                   | Cap Santé, Que.                   | 57 6    | 5 2  | 6 4  | 39   | Malcolm Hovington, Bon Desir, Que.                                   |
| 126160 | L'Aurore Boréale.     | Schr—Glt.       | St. Jean Deschallions, Q.         | St. Jean Deschallions, Q.         | 107 0   | 24 1 | 7 5  | 127  | James Swift & Co., Ltd., Kingston, Que.                              |
| 138512 | L'Eboulement.         | Schr—Glt.       | Eboulement, Que.                  | Eboulement, Que.                  | 74 0    | 23 0 | 6 9  | 52   | Jules Tremblay, Les Eboulements, Que.                                |
| 108138 | L'Épervier.           | Sloop           | Baie St. Paul, Que.               | Baie St. Paul, Que.               | 37 2    | 13 8 | 5 2  | 15   | Edmond Thivierge, St. Antoine, Isle aux Grues, Que.                  |
| 107778 | L'Étoile.             | Schr—Glt.       | Caraque, N.B.                     | Caraque, N.B.                     | 40 0    | 14 0 | 6 3  | 22   | Prudent Gallien, Caraque, N.B.                                       |
| 109380 | L'Étoile de la Mer.   | Schr—Glt.       | Baie St. Paul, Que.               | Baie St. Paul, Que.               | 48 6    | 16 8 | 6 4  | 29   | Emile Dumont, Tadoussac, Que.  |
| 107493 | L'Étoile de la Mer.   | Sloop           | St. Siméon, Que.                  | St. Siméon, Que.                  | 35 2    | 11 4 | 4 5  | 11   | F. Savaud, St. Siméon, Que.  |
| 116705 | L'États-Unis.         | Schr—Glt.       | Les Escoumins, Que.               | Les Escoumins, Que.               | 61 8    | 20 6 | 7 0  | 43   | Elzéar Bois, Malbaie, Que.   |
| 141008 | L'États-Unis.         | Schr—Glt.       | Petite Rivière St. François, Que. | Petite Rivière St. François, Que. | 76 5    | 24 0 | 7 5  | 79   | Eastern Canada Stevedoring and General Contracting Co., Quebec, Que. |
| 111490 | La Bellvue.           | Schr—Glt.       | St. Siméon, Que.                  | St. Siméon, Que.                  | 69 2    | 23 0 | 8 0  | 80   | Moise Chénail, Grand Machins, Que.                                   |
| 103625 | La Bienvenue.         | Schr—Glt.       | Baie St. Paul, Que.               | Baie St. Paul, Que.               | 53 4    | 18 2 | 7 2  | 33   | Conzague Simard, St. Siméon, Que.                                    |
| 103355 | La Clertina.          | Schr—Glt.       | Green Island, Que.                | Green Island, Que.                | 42 2    | 13 6 | 5 5  | 20   | N. Lévesque, Green Island, Que.                                      |
| 138554 | La Douce.             | Schr—Glt.       | Caraque, N.B.                     | Caraque, N.B.                     | 45 5    | 14 0 | 6 5  | 22   | Daniel D. Landry, Caraque, N.B.                                      |
| 112045 | La Marie Rene.        | Schr—Glt.       | Rivière Claude, Que.              | Rivière Claude, Que.              | 38 2    | 21 2 | 10 0 | 69   | Wm. Bouchard, Sr., et al., J.O., St. Siméon, Que.                    |
| 100855 | La Marinere.          | Schr—Glt.       | Rivière Claude, Que.              | Rivière Claude, Que.              | 97 2    | 21 6 | 3 0  | 76   | Devillon Bros., Ltd., Montreal, Que.                                 |
| 107510 | La Punaise.           | Sloop           | St. Siméon, Que.                  | St. Siméon, Que.                  | 31 1    | 12 0 | 4 0  | 10   | F.-X. Morin, St. Siméon, Que.  |
| 126381 | La Trinité.           | Schr—Glt.       | St. Joseph, Que.                  | St. Joseph, Que.                  | 72 7    | 23 0 | 6 6  | 47   | Joseph Gagné, Baie St. Paul, Que.                                    |
| 92291  | Lackawanna.           | Barge—Chd.      | Chatham, Que.                     | Chatham, Que.                     | 106 0   | 22 7 | 7 0  | 154  | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                    |
| 77706  | Lacomie.              | Schr—Glt.       | St. Andrews, N.B.                 | St. Andrews, N.B.                 | 39 5    | 14 7 | 5 8  | 13   | Charles Judge, St. Andrews, N.B.                                     |
| 107901 | Lady Aberdeen.        | Sloop           | McNair's Island, N.S.             | McNair's Island, N.S.             | 32 9    | 14 7 | 0 0  | 13   | Alva B. Small, Grand Manan, N.B.                                     |
| 121937 | Lady Betty.           | Sloop           | New Bedford, Mass., USA           | New Bedford, Mass., USA           | 32 9    | 14 7 | 4 5  | 9    | Stanley C. Grand, Dartmouth, N.S.                                    |
| 103856 | Lady Bird.            | Sloop           | Dartmouth, N.S.                   | Dartmouth, N.S.                   | 23 6    | 6 4  | 4 0  | 9    | At-Cot A. W. A. Duncan, Naughton, Eng.                               |
| 72072  | Lady Fougere.         | Schr—Glt.       | River Bourgeois, N.S.             | River Bourgeois, N.S.             | 44 7    | 13 7 | 5 4  | 17   | Docté Fougère, River Bourgeois, N.S.                                 |
| 75889  | Lady Franklin.        | Schr—Glt.       | Tatamouche, N.S.                  | Tatamouche, N.S.                  | 72 4    | 21 8 | 3 0  | 77   | Robert Leveson, North Sydney, N.S.                                   |
| 71924  | Lady Hill.            | Schr—Glt.       | Exploits Bay, Nfld.               | Exploits Bay, Nfld.               | 67 0    | 19 9 | 3 5  | 64   | John Cormier and Charles D. Chasson, Margaret Harbour, Nfld.         |
| 134596 | Lady Lambert.         | Schr—Glt.       | Paspébiac, Que.                   | Paspébiac, Que.                   | 37 0    | 12 1 | 3 8  | 10   | Célestin Lambert, M.O., Grand River, Que.                            |
| 111461 | Lady Smith.           | Schr—Glt.       | Chatham, N.B.                     | Chatham, N.B.                     | 37 6    | 13 6 | 6 8  | 17   | R. A. Paulin, Lunenburg, N.B.  |
| 96882  | Lake St. Louis, No. 1 | floating Light. | Ottawa.                           | Ottawa.                           | 58 2    | 16 8 | 7 8  | 63   | The Minister of Marine and Fisheries, Ottawa, Ont.                   |
| 96881  | Lake St. Louis, No. 2 | floating Light. | Ottawa.                           | Ottawa.                           | 58 2    | 16 8 | 7 9  | 64   | The Minister of Marine and Fisheries, Ottawa, Ont.                   |

Formerly "Indiana."

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

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| Official Number<br>Numéro officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Rig.<br>Gréement. | Build.<br>Construction | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|---------------------------------|---|-------------------|------------------------|---------------------------------------|---|---|--|--|---|
| 96883                               | Lake St. Louis, No. 3           | Ottawa                                      | Floating Light    |                        |                                       | 58  | 16 8  | 7 6  | 66   | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 96884                               | Lake St. Peter, No. 1           | Ottawa                                      | Floating Light    |                        |                                       | 56  | 15 6  | 7 3  | 46   | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 96885                               | Lake St. Peter, No. 2           | Ottawa                                      | Floating Light    |                        |                                       | 56  | 15 6  | 7 3  | 46   | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 96886                               | Lake St. Peter, No. 3           | Ottawa                                      | Floating Light    |                        |                                       | 56  | 15 6  | 7 3  | 46   | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 121929                              | Lala                            | Quebec                                      | Schr—Glt          |                        |                                       | 47  | 21 0  | 5 5  | 45   | Henri Bois, Quebec, Que.  |
| 134983                              | Lamecen                         | Charlton, N.B.                              | Schr—Glt          |                        | Stc. Anne des Monts, Que.             | 39  | 0   | 6 4  | 19   | Cannille Aclé, Lameck, N.B.   |
| 126362                              | Lanark                          | Montreal                                    | Dredge—Drague     |                        | Cornwall, Ont.                        | 79  | 4   | 5 3  | 132  | Lyon Cohen, Montreal, Que.  |
| 126101                              | Laniana                         | Lambourg                                    | Schr—Glt          |                        | Martin's Brook, N.S.                  | 46  | 5   | 6 7  | 17   | Robin, Jones & Whitman, Ltd., Halifax, N.S.   |
| 134504                              | Lanionit                        | Gansea                                      | Schr—Glt          |                        | Georgetown, N.S.                      | 37  | 2   | 6 8  | 19   | Henry P. Gaschil, M.O., Georgetown, N.S.  |
| 134064                              | Lapswaken                       | Richibucto                                  | Schr—Glt          |                        | Reston, N.B.                          | 32  | 0   | 12 1   | 10   | Joseph Doré, Reston, N.B.   |
| 96918                               | Lapwing                         | Montreal                                    | Schr—Glt          |                        | Garden Island, Ont.                   | 175   | 7   | 31 2   | 516  | The Sincennes-McNaughton Line, Ltd., 75 Common St., Montreal, Que.                    |
| 103203                              | Lark                            | Charlton, N.B.                              | Schr—Glt          |                        | Shippigan, N.B.                       | 31  | 0   | 12 3   | 4  | Thomas Abler, Shippigan, N.B.   |
| 107501                              | Lara                            | Quebec                                      | Stoop             |                        | Pedussac, Que.                        | 37  | 2   | 13 8   | 4 5  | B. Caron, Tadoussac, Que.   |
| 107652                              | Lara                            | Quebec                                      | Schr—Glt          |                        | Richmond, Que.                        | 28  | 0   | 10 5   | 8  | The Minister of Lands, Mines & Fisheries for Prov. Que., Que.                         |
| 96955                               | Lara                            | St. John, N.B.                              | Schr—Glt          |                        | Chapman, N.B.                         | 39  | 0   | 23 0   | 2  | Alex. Gale, Waterborough, N.B.  |
| 114180                              | Lara Allard                     | Montreal                                    | Barge—Chal        |                        | Champlain, N.Y., U.S.A.               | 96  | 8   | 17 9   | 7 2  | Richelieu Transportation Co., Ltd., 137 McGill St., Montreal, Que.                    |
| 80980                               | Lara B.                         | Sydney, N.S.                                | Schr—Glt          |                        | St. Ann's, N.S.                       | 71  | 2   | 23 6   | 8 7  | Hugh Campbell, South Whyvesmouth, N.S.  |
| 117136                              | Lara B. G.                      | Barrington Passage                          | Stoop             |                        | Cape Island, N.S.                     | 34  | 0   | 12 0   | 5 6  | Gifford D. Atkinson, Cape Island, N.S.  |
| 111908                              | Lara B. U.                      | Archelet                                    | Schr—Glt          |                        | Country Harbour, N.S.                 | 31  | 0   | 11 6   | 4 6  | John S. Wells, White Head, N.S.   |
| 103738                              | Lara C. Hall                    | Parsboro                                    | Schr—Glt          |                        | Parsboro, N.S.                        | 81  | 0   | 35 6   | 100  | The Pacific Metals Transportation Co. Ltd., 20 St. Nicholas St., Montreal, Que.       |
| 61615                               | Lara Cox                        | Cupsboro                                    | Schr—Glt          |                        | Country Harbour, N.S.                 | 58  | 7   | 20 4   | 7 1  | John Murphy, Louisburg, N.S.  |
| 88365                               | Lara D.                         | Kingston                                    | Stoop             |                        | Kingston, Ont.                        | 64  | 6   | 27 0   | 3 0  | Robert Davis, Kingston, Ont.  |
| 138801                              | Lara and Marion                 | Weymouth                                    | Schr—Glt          |                        | Weymouth, Me., U.S.A.                 | 62  | 0   | 20 0   | 6 0  | Wm. Truham, Bellevue Cove, N.S.   |
| 112925                              | Lara Horncase                   | Quebec                                      | Schr—Glt          |                        | St. Fido, Que.                        | 66  | 6   | 0 5  | 50   | Arthur Meland, Trois Pèsoes, Que.   |
| 119293                              | Laurel                          | Halifax                                     | Schr—Glt          |                        | Palmer, N.S.                          | 30  | 0   | 14 0   | 16   | Cannal LeBlanc, Parkers, N.S.   |
| 126274                              | Laurent au Can.                 | Port Hawkesbury                             | Schr—Glt          |                        | Grand Etang, N.S.                     | 39  | 0   | 16 6   | 6 6  | Laurent au Can, Chatham, N.S.   |
| 104671                              | Laurentides                     | Quebec                                      | Schr—Glt          |                        | Quebec, Que.                          | 63  | 0   | 21 5   | 6 4  | Empois, Bonaventure, Que.   |
| 134913                              | Laurentin Frances.              | Lambourg                                    | Schr—Glt          |                        | Lambourg, N.S.                        | 106   | 8   | 36 3   | 4 6  | Wilfrid Spidler, M.O., Lambourg, N.S.   |
| 108913                              | Laure H.                        | Charlottetown                               | Schr—Glt          |                        | Green Island, N.S.                    | 52  | 8   | 22 0   | 7 7  | Wm. C. Leveit, M.O., Charlottetown, P.E.I., Que.                                      |
| 136528                              | Lauro & Leitch, No. 2.          | Montreal                                    | Stow—Chal         |                        | Montreal, Que.                        | 55  | 2   | 22 0   | 6 7  | Lachance Limitée, 99 Dalhousie St., Quebec, Que.                                      |
| 136529                              | Lauro & Leitch, No. 3.          | Montreal                                    | Stow—Chal         |                        | Montreal, Que.                        | 57  | 0   | 22 0   | 6 6  | Lachance Limitée, 99 Dalhousie St., Quebec, Que.                                      |

| 130523 | Laurin & Leitch,<br>No. 4, | Montreal           | Dredge-Drague | 1911 | Montreal, Que.                  | 100 4 | 31 9 | 4 1  | 236 | Lachance Limitee, 99 Dalhousie St., Quebec, Que.                               |
|--------|----------------------------|--------------------|---------------|------|---------------------------------|-------|------|------|-----|--|
| 134156 | Laurin & Leitch,<br>No. 5, | Montreal           | Seaw-Chd.     | 1912 | Montreal, Que.                  | 76 1  | 22 0 | 6 8  | 91  | Lachance Limitee, 99 Dalhousie St., Quebec, Que.                               |
| 140654 | Laurin & Leitch,<br>No. 6, | Montreal           | Seaw-Chd.     | 1912 | St. John's, Que.                | 60 2  | 20 0 | 4 5  | 43  | Lachance Limitee, 99 Dalhousie St., Quebec, Que.                               |
| 111538 | Lavina D.,                 | Digby              | Schr-Glt.     | 1902 | Maryville, N.S.                 | 41 0  | 21 7 | 6 0  | 21  | Jas. Doguet, Maryville, N.S.   |
| 105702 | Lavinie,                   | Yarmouth           | Schr-Glt.     | 1896 | Pinkney's Point, N.S.           | 64 0  | 12 5 | 7 4  | 50  | H. G. Snell, St. Andrews, N.B.   |
| 94750  | Lawneco,                   | Charlottetown      | Schr-Glt.     | 1888 | Lunenburg, N.S.                 | 76 4  | 23 5 | 9 2  | 79  | Frank M. Murray, Campbellton, N.B.   |
| 141504 | Le Bellevue,               | Quebec             | Schr-Glt.     | 1919 | Les Eboulements, Que.           | 63 0  | 18 0 | 5 0  | 35  | Edmond Boudreault, Les Eboulements, Que.                                       |
| 107509 | Le Bélin,                  | Quebec             | Sloop         | 1898 | St. Siméon, Que.                | 33 9  | 11 8 | 4 5  | 10  | Auguste Desbians, St. Siméon, Que.   |
| 134122 | Le Don de Dieu,            | Quebec             | Schr-Glt.     | 1908 | St. Romuald, Que.               | 73 9  | 23 5 | 7 0  | 66  | Louis LeClair, Kamouraska, Que.  |
| 111659 | Le Maria,                  | Montreal           | Sloop         | 1901 | St. Thomas de Pierreville, Que. | 99 6  | 23 0 | 6 6  | 117 | William Charland, Montreal, Que.   |
| 100456 | Le Marquis de Lorne        | Quebec             | Sloop         | 1880 | Tadoussac, Que.                 | 38 0  | 14 6 | 4 9  | 17  | A. Talbot, Cap St. Ignace, Que.  |
| 85452  | Le Petrel,                 | Quebec             | Sloop         | 1882 | Quebec, Que.                    | 42 5  | 16 0 | 4 0  | 18  | Simon Peters, Quebec, Que.   |
| 105300 | Le Point du Jour           | Quebec             | Barge-Chd.    | 1895 | St. Thomas de Pierreville, Que. | 102 6 | 22 6 | 6 6  | 123 | The Ogilvie Flour Mills Co., Ltd., Montreal, Que.                              |
| 120156 | Le Voilier                 | Montreal           | Sloop         | 1908 | St. Jean Deschaillons, Que.     | 97 2  | 22 5 | 7 4  | 94  | Windrush Shipping Co., Ltd., 46 Elgin St., Ottawa, Ont.                        |
| 137918 | Lea L'égère,               | Charlham, N.B.     | Schr-Glt.     | 1915 | Carriquet, N.B.                 | 45 8  | 13 4 | 6 0  | 19  | Nazère L'égère, Carriquet, N.B.  |
| 137915 | Lender,                    | St. John, N.B.     | Schr-Glt.     | 1898 | Gaming, N.S.                    | 63 5  | 23 3 | 6 2  | 55  | Frederick A. Peters, St. John, N.B.  |
| 137924 | Leontine,                  | Charlham, N.B.     | Schr-Glt.     | 1915 | Little Shippigan, N.B.          | 42 0  | 14 2 | 6 5  | 21  | Joseph J. Savoy, Lunenburg, N.B.   |
| 134188 | Leonfield,                 | St. John, N.B.     | Dredge-Drague | 1913 | Holland                         | 151 6 | 26 5 | 9 8  | 333 | St. John Dry Dock & Shipbuilding Co., Ltd., St. John, N.B.                     |
| 92769  | Leola,                     | Quebec             | Barge-Chd.    | 1890 | Yanvask, Que.                   | 105 0 | 22 1 | 8 2  | 142 | Thomas Gauthier, Montreal, Que.  |
| 129693 | Lesqre,                    | Quebec             | Schr-Glt.     | 1910 | Big, Que.                       | 86 8  | 25 0 | 7 5  | 52  | N. Arthur St. Pierre, Big, Que.  |
| 100296 | Lesig J.,                  | Charlham, N.B.     | Barge-Chd.    | 1892 | Charlham, N.B.                  | 102 0 | 17 3 | 6 8  | 31  | W. S. Loggie Co., Ltd., Charlham, N.B.   |
| 120653 | Lelia Linwood              | Midland            | Dredge-Drague | 1911 | Welland, Ont.                   | 50 0  | 45 0 | 9 0  | 470 | Canadian Dredging Co., Ltd., Midland, Ont.                                     |
| 96763  | Lelia Linwood              | Arictat            | Barge-Chd.    | 1870 | Salisbury, Mass., U.S.A.        | 75 5  | 21 5 | 7 9  | 67  | Wilson Trenholm, Port Elgin, N.B.  |
| 126446 | Lemay                      | Kenora             | Seaw-Chd.     | 1909 | Kenora, Ont.                    | 62 2  | 20 5 | 7 2  | 17  | Napoleon Lemay, Norman, Ont.   |
| 100343 | Lena                       | Yarmouth           | Sloop         | 1901 | Noel, N.S.                      | 51 0  | 14 3 | 2 8  | 51  | Mrs. Lyman Parker, et al., Medford, N.S.                                       |
| 121887 | Lena Jane                  | Yarmouth           | Schr-Glt.     | 1908 | Clyde, N.S.                     | 30 0  | 11 0 | 6 0  | 11  | Joseph Nickerson, Cape Island, N.S.  |
| 111995 | Lena M.                    | Arictat            | Schr-Glt.     | 1901 | Petit-de-Grat, N.S.             | 31 0  | 10 6 | 5 6  | 11  | Thos. Joyce, Poulamond, N.S.   |
| 116732 | Lena M.                    | Canso              | Schr-Glt.     | 1904 | Port Hillford, N.S.             | 48 6  | 16 8 | 7 4  | 28  | Clarance S. Strople, Boylston, N.S.  |
| 85342  | Leo                        | Charlottetown      | Schr-Glt.     | 1882 | Malbone Bay, N.S.               | 97 2  | 24 6 | 10 8 | 120 | John M. Chapman, Murray River, P.E.I., and Horace Hyde, Murray Harbour, P.E.I. |
| 134238 | Leo B.                     | Montreal           | Seaw-Chd.     | 1911 | Montreal, Que.                  | 110 8 | 28 1 | 8 2  | 99  | The Minister of Public Works, Ottawa, Ont.                                     |
| 141226 | Leo LeBlanc                | Weymouth           | Schr-Glt.     | 1919 | Belliveau's Cove, N.S.          | 143 5 | 33 1 | 12 5 | 393 | The Hunkinson Shipping Co., Ltd., Belliveau's Cove, N.S.                       |
| 129713 | Leopard C                  | St. John, N.B.     | Schr-Glt.     | 1872 | East Machias, Me., U.S.A.       | 103 7 | 26 5 | 8 6  | 144 | Mrs. A. Oelivie, et al., Parrsboro, N.S.                                       |
| 96827  | Leopard                    | Quebec             | Schr-Glt.     | 1899 | Lunenburg, N.S.                 | 79 6  | 24 0 | 9 3  | 93  | Henri Carré, M.O., Port au Persil, Que.  |
| 100459 | Les Beureuils              | Quebec             | Schr-Glt.     | 1892 | Les Beureuils, Que.             | 65 2  | 18 6 | 6 6  | 57  | Joseph Lajoie, St. Fulgence, Que.  |
| 83474  | Letter B.                  | St. Andrew's       | Schr-Glt.     | 1875 | Brier Island, N.B.              | 29 0  | 12 1 | 5 6  | 12  | Mrs. Sophia Cook, St. George, N.B.   |
| 122059 | Letty Jane                 | Charlham, N.B.     | Schr-Glt.     | 1907 | Muscon Island, N.B.             | 37 0  | 13 6 | 12 0 | 15  | Robin, Jones & Whitman Ltd., Halifax, N.S.                                     |
| 133657 | Levi Albert                | Charlham, N.B.     | Schr-Glt.     | 1916 | Carriquet, N.B.                 | 69 0  | 24 5 | 5 0  | 13  | Lake Albert, Carriquet, N.B.   |
| 100519 | Lewka                      | Parrsboro          | Schr-Glt.     | 1903 | Port Greenville, N.S.           | 69 0  | 13 0 | 7 1  | 76  | Wm. M. Tupper, Annapolis, N.S.   |
| 121990 | Lewka Brothers             | Victoria           | Barge-Chd.    | 1897 | White Horse, Y.T.               | 105 5 | 34 7 | 5 5  | 167 | The British Yukon Navigation Co., Ltd., Victoria, B.C.                         |
| 133347 | Lewis H. Smith             | Halifax            | Schr-Glt.     | 1917 | Sheet Harbour, N.S.             | 178 5 | 37 4 | 14 0 | 675 | Lewisson Shipping Co., Ltd., Lewiston, N.S.                                    |
| 130492 | Lewis H. Smith             | Yarmouth           | Schr-Glt.     | 1911 | Lunenburg, N.S.                 | 108 0 | 26 1 | 10 5 | 98  | Henry A. Anuro, Yarmouth, N.S.   |
| 107234 | Lewiston                   | Halifax            | Schr-Glt.     | 1900 | Sheet Harbour, N.S.             | 63 0  | 20 5 | 8 0  | 59  | William F. Williams, Port Hawkesbury, N.S.                                     |
| 92396  | Lia                        | Kingston           | Sloop         | 1888 | Kingston, Ont.                  | 50 5  | 16 4 | 4 3  | 11  | James Eccles, Belleville, Ont.   |
| 130343 | Lobby P.                   | Charlottetown      | Schr-Glt.     | 1917 | North Rustico, P.E.I.           | 35 7  | 11 7 | 5 1  | 11  | Joseph N. Piro, North Rustico, P.E.I.  |
| 107548 | Lodie & Julia              | St. John, N.B.     | Sloop         | 1897 | St. John, N.B.                  | 34 1  | 12 3 | 4 0  | 8   | George H. Foster, Grand Manan, N.B.  |
| 123458 | Lola                       | Barrington Passage | Sloop         | 1906 | Cape Island, N.S.               | 32 0  | 10 6 | 6 0  | 10  | Uriah and Howard S. Atkinson, Cape Island, N.S.                                |
| 133963 | Lola Boutlier              | Lunenburg          | Schr-Glt.     | 1909 | Glochester, Mass., U.S.A.       | 104 0 | 24 3 | 15 0 | 96  | Chas. R. Steer, et al., J. O. St. John's, Nfld.                                |
| 141401 | Lola E. D. Young           | Lunenburg          | Schr-Glt.     | 1919 | Lunenburg, N.S.                 | 122 3 | 27 3 | 10 6 | 155 | John T. Monton, Burgeo, Nfld.  |
| 112152 | Lillian                    | Charlham, N.B.     | Schr-Glt.     | 1902 | Carriquet, N.B.                 | 39 0  | 13 0 | 6 6  | 15  | Robin Jones & Whitman, Ltd., Halifax, N.S.                                     |
| 80954  | Lillian E.                 | Pictou, Ont.       | Schr-Glt.     | 1859 | Henderson, N.Y., U.S.A.         | 55 0  | 11 6 | 4 8  | 20  | Geo. Bowers, Port Credit, Ont.   |
| 88273  | Lillian E.                 | St. Andrews        | Schr-Glt.     | 1884 | St. George, N.B.                | 31 2  | 11 5 | 5 9  | 13  | Andrew Wallace, Black's Harbour, N.B.  |
| 100338 | Lillie                     | Marlhead           | Schr-Glt.     | 1894 | Marlhead, N.S.                  | 130 9 | 31 5 | 11 7 | 311 | Albert M. Miller, Tignish, P.E.I.  |

\*Foreign name "Theodore Roosevelt".

\*Foreign name "Alma".

†A recovered wreck.

ALPHABETICAL LIST of Sailing Vessels in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

©Equipped with Wireless—Muni de la T.S.F.—Abbreviations—Abréviations: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Rig.<br>Gréement. | Build.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10 <sup>es</sup> . | Breadth in feet and 10ths.<br>Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths.<br>Profondeur en pieds et 10 <sup>es</sup> . | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|--------------------------------|---|-------------------|------------------------|---------------------------------------|--|--|---|--|---|
| 107794                              | Lillie E.                      | St. John, N.B.                              | Sehr—Glt.         | 1899                   | Waterborough, N.B.                    | 62 4   | 23 4   | 5 7   | 53   | W. W. Barton, Waterborough, N.B.  |
| 96790                               | Lilly C.                       | Halifax, N.S.                               | Sehr—Glt.         | 1888                   | Sambro, N.S.                          | 35 2   | 11 8   | 6 5   | 12   | W. McC. Peak, Halifax, N.S.   |
| 103280                              | Lily                           | Chartham, N.B.                              | Sehr—Glt.         | 1894                   | Caracquet, N.B.                       | 35 0   | 12 8   | 6 0   | 11   | Prudent Gallien, Caracquet, N.B.  |
| 134001                              | Lily Florence.                 | Chartham, N.B.                              | Sehr—Glt.         | 1914                   | Caracquet, N.B.                       | 44 0   | 13 8   | 6 0   | 20   | Robbin, Jones & Whitman, Ltd., Halifax, N.S.  |
| 141749                              | Lina                           | Montreal.                                   | Barge—Chd.        | 1869                   | Quebec, Que.                          | 98 0   | 22 5   | 6 9   | 108  | Ant. Lavellée, Sorel, Que.  |
| 83472                               | Lina Gagne.                    | Quebec.                                     | Sehr—Glt.         | 1920                   | Cap Chate, Que.                       | 93 0   | 26 0   | 9 0   | 147  | Jean Baptiste Gagne, Cap Chate, Que.  |
| 88472                               | Linden.                        | St. Andrews.                                | Sehr—Glt.         | 1881                   | St. George, N.B.                      | 29 0   | 11 5   | 6 0   | 12   | Benjamin Parker, West Isles, N.B.   |
| 88497                               | Linnæ.                         | Digby.                                      | Sehr—Glt.         | 1881                   | Liverpool, N.S.                       | 38 5   | 13 3   | 5 7   | 15   | Jos. H. Morehouse, Sandy Cove, N.S.   |
| 100540                              | Linnie & Edna.                 | Barrington Passage.                         | Sehr—Glt.         | 1894                   | Tiverton, N.S.                        | 52 2   | 17 5   | 6 5   | 30   | Maurice A. Nickerson, Clarke's Harbour, N.S.  |
| 103292                              | Lion.                          | New Westminster.                            | Seow—Chd.         | 1894                   | New Westminster, B.C.                 | 85 0   | 28 5   | 5 5   | 124  | The Vancouver Dredging & Salvage Co., Ltd., 427 Seymour St., Vancouver, B.C.          |
| 103546                              | Lis.                           | Halifax.                                    | Sloop.            | 1896                   | Dartmouth, N.S.                       | 23 5   | 6 4  | 3 6   | 3  | F. H. Bell, Halifax, N.S.   |
| 122571                              | Lita C.                        | St. Andrews.                                | Sloop.            | 1907                   | Mayville, N.S.                        | 33 0   | 13 9   | 6 0   | 43   | Mark Newman, Wilsons Beach, N.B.  |
| 83464                               | Little Annie.                  | Digby.                                      | Sehr—Glt.         | 1868                   | Essex, Mass., U.S.A.                  | 44 3   | 15 3   | 5 0   | 19   | Walter F. Leonard, St. John, N.B.   |
| 126161                              | Little Giant.                  | Montreal.                                   | Dredge-Drague.    | 1908                   | Corwall, Ont.                         | 79 5   | 26 3   | 5 7   | 133  | Lyon Cohen, Montreal, Que.  |
| 104000                              | Little Gracie.                 | St. Andrews.                                | Sehr—Glt.         | 1891                   | Spencer's Island, N.S.                | 29 0   | 11 0   | 5 0   | 11   | Andrew Millar, St. John, N.B.   |
| 122569                              | Little Lake.                   | Peterboro.                                  | Seow—Chd.         | 1908                   | Peterboro, Ont.                       | 71 0   | 21 0   | 4 0   | 50   | Win. Irwin and David Conroy, Peterboro, Ont.  |
| 100563                              | Lizzie.                        | Sydney, N.S.                                | Sehr—Glt.         | 1892                   | Malbone Bay, N.S.                     | 126 7  | 25 8   | 12 9  | 245  | Dominion Coal Co., Ltd., Glace Bay, N.S.  |
| 609904                              | Lizzie.                        | Weymouth.                                   | Sehr—Glt.         | 1875                   | Bath, Me., U.S.A.                     | 76 5   | 21 8   | 7 9   | 68   | A. H. Comeau, Meteghan River, N.S.  |
| 109880                              | Lizzie, A.                     | Port Hawkesbury.                            | Sehr—Glt.         | 1877                   | Strait of Canso, N.S.                 | 44 0   | 16 0   | 5 9   | 20   | Augustin McInnes, Earnscliffe, P.E.I.   |
| 22282                               | Lizzie A.                      | St. John, N.B.                              | Sehr—Glt.         | 1877                   | Canning, N.B.                         | 57 6   | 20 6   | 5 7   | 35   | J. D. Hatfield, Kars, N.B.  |
| 122455                              | Lizzo A.                       | Yarmouth.                                   | Sehr—Glt.         | 1907                   | Pulntee, N.S.                         | 60 0   | 15 6   | 5 0   | 33   | Existe M. D'Entremont, M.O., Pulntee, N.S.  |
| 64582                               | Lizzo B.                       | St. John, N.B.                              | Sehr—Glt.         | 1870                   | Westfield, N.B.                       | 76 5   | 27 5   | 7 0   | 81   | Miss Mary E. Shields, Alma, N.B.  |
| 122101                              | Lizzie B.                      | Yarmouth.                                   | Sloop.            | 1886                   | Mayville, N.S.                        | 35 0   | 14 6   | 7 0   | 18   | Leazine Boudreau, M.O., Mayville, N.S.  |
| 103709                              | Lizzie E.                      | Yarmouth.                                   | Sehr—Glt.         | 1905                   | Port Maitland, N.S.                   | 42 0   | 12 8   | 5 4   | 19   | Herbert W. Sallows and Edwin H. Sallows, Yarmouth, N.S.                               |
| 111910                              | Lizzie J. Greenleaf.           | Archieat.                                   | Sehr—Glt.         | 1896                   | Canso, N.S.                           | 32 0   | 10 2   | 5 9   | 11   | Thos. Ryan, Canso, N.S.   |
| 117097                              | Lizzie May.                    | Archieat.                                   | Sehr—Glt.         | 1900                   | Larry's River, N.S.                   | 37 0   | 11 8   | 5 6   | 12   | Benjamin L. Pelrine, Larry's River, N.S.  |
| 58342                               | Lizzie S. McGee.               | St. Andrews.                                | Sehr—Glt.         | 1868                   | St. George, N.B.                      | 35 0   | 13 0   | 5 9   | 14   | Joseph McGee, St. George, N.B.  |
| 88266                               | Lizzie Young.                  | St. John, N.B.                              | Sehr—Glt.         | 1883                   | Musquash, N.B.                        | 37 1   | 13 9   | 5 2   | 13   | Miclael Quigg, Musquash, N.B.   |
| 126821                              | Lloyd George.                  | Lunenburg.                                  | Sehr—Glt.         | 1913                   | Shelburne, N.S.                       | 50 0   | 26 0   | 10 5  | 99   | Gabriel Hummelman, M.O., Riverport, N.S.  |
| 134102                              | Llywn.                         | Vancouver.                                  | Yawl—Yole.        | 1910                   | Vancouver, B.C.                       | 32 0   | 11 3   | 4 4   | 14   | Edward V. Fick, Vancouver, B.C.   |
| 130981                              | Lobelia.                       | Chartham, N.B.                              | Sehr—Glt.         | 1912                   | Caracquet, N.B.                       | 42 0   | 14 0   | 6 5   | 21   | Robbin, Jones & Whitman, Ltd., Halifax, N.S.  |

SESSIONAL PAPER No. 22

| No.    | Name                 | Type          | Home Port      | Agent                           | Tonnage | Length | Breadth | Depth | Speed | Remarks   |
|--------|----------------------|---------------|----------------|---------------------------------|---------|--------|---------|-------|-------|---|
| 133760 | Lobnitz, P. W. D.    | Rockbreaker   | St. John, N.B. | Renfrew, G.B.                   | 100 0   | 36 2   | 8 8     |       |       | The Minister of Public Works, Ottawa, Ont.  |
| 137960 | Lockwood             | Dredge-Drague | Vancouver      | Vancouver, B.C.                 | 100 4   | 38 0   | 8 8     |       |       | The Minister of Public Works, Ottawa, Ont.  |
| 61833  | Lois L. No. 2        | Bk-Bq         | St. John, N.B. | Port Gilbert, N.S.              | 175 0   | 35 5   | 21 6    |       |       | C. A. Palmer, St. John, N.B.  |
| 141681 | Lois A. Conrad       | Schr-Glt      | Quebec         | Chimour Basin, N.S.             | 114 1   | 27 0   | 10 1    |       |       | Akiah Conrad M.C.O., Lunenburg, N.S.  |
| 138265 | Lois L. No. 44       | Scow-Chd      | Quebec         | Limoslou, Que.                  | 105 6   | 32 0   | 8 2     |       |       | Quinlan & Robertson, Ltd., 601 Bank of Toronto Bldg., Montreal, Que.                |
| 126915 | Lola B.              | Schr-Glt      | Halifax        | Spry Bay, N.S.                  | 32 3    | 11 4   | 5 4     |       |       | C. W. Bouthier, Spry Bay, N.S.  |
| 83465  | Look Out             | Schr-Glt      | St. Andrews    | Essex, Mass., U.S.A.            | 63 2    | 19 6   | 7 1     |       |       | F. Wooster, Grand Manan, N.B.   |
| 116729 | Lorain               | Schr-Glt      | St. John, N.B. | Cumberland Bay, N.B.            | 60 0    | 22 4   | 5 6     |       |       | Chas. H. McLaglin, Flowers Cove, N.B.   |
| 103560 | Loranzo              | Sloop         | Montreal       | St. Francois du Lac, Que.       | 406 7   | 23 2   | 8 0     |       |       | E. Desjarrais, St. Francois du Lac, Que.  |
| 112040 | Loranzo              | Sloop         | Quebec         | Tadoussac, Que.                 | 60 0    | 18 3   | 5 2     |       |       | Emile Pournier, L'Islet, Que.   |
| 93156  | Lord Templeton       | Bk-Bq         | Victoria       | Quebec                          | 282 9   | 40 1   | 24 0    |       |       | The Ship Lord Templeton Co. Ltd., Victoria, B.C.                                    |
| 90640  | Lorena               | Schr-Glt      | Charlottetown  | Bay Fortune, Nfld.              | 32 8    | 12 4   | 4 5     |       |       | Wm. J. Levesconte, River George, N.S.   |
| 116349 | Lorina               | Schr-Glt      | Arichat        | River Bourgeois, N.S.           | 44 5    | 15 6   | 6 0     |       |       | Wm. J. Levesconte, River George, N.S.   |
| 80988  | Lorne                | Schr-Glt      | Halifax        | Isaac's Harbour, N.S.           | 63 6    | 20 6   | 7 3     |       |       | John S. Phillips, Pouch Village, N.S.   |
| 83290  | Lorraine             | Sloop         | Kingston       | Kingston, Ont.                  | 81 0    | 18 3   | 5 7     |       |       | Wm. J. Levesconte, Pouch Village, N.S.  |
| 122105 | Lottie G.            | Sloop         | Yarmouth       | Clyde, N.S.                     | 30 0    | 11 3   | 5 0     |       |       | Wm. J. Levesconte, Pouch Village, N.S.  |
| 80884  | Lottie M.            | Schr-Glt      | St. Andrews    | St. Patrick, N.B.               | 37 0    | 14 6   | 5 3     |       |       | Thomas Carter, Pouch Village, N.S.  |
| 117098 | Lottie N.            | Schr-Glt      | Arichat        | Half Island Cove, N.S.          | 39 0    | 13 6   | 5 2     |       |       | Alex. Chambers, Pouch Village, N.S.   |
| 133672 | Lottie V. Russell    | Barge-Chd     | Halifax        | Leadbay, N.S.                   | 122 8   | 32 6   | 10 7    |       |       | Charles Briscoe, Halifax, N.S.  |
| 126132 | Lotie V. N.          | Schr-Gt       | Halifax        | West Dover, N.S.                | 40 6    | 11 8   | 3 7     |       |       | George Coran, West Dover, N.S.  |
| 107819 | Lotus                | Barge-Chd     | Peterborough   | Cobourg, Ont.                   | 45 0    | 20 0   | 7 0     |       |       | R. B. Rogers, Peterborough, Ont.  |
| 138863 | Louis Thierault      | Schr-Glt      | Weymouth       | Belleveau's Cove, N.S.          | 146 5   | 32 5   | 12 0    |       |       | The Hanksone, Shipping Co. Ltd., Belliveau's Cove, N.S.                             |
| 83426  | Louis                | Schr-Glt      | St. John, N.B. | Port Gilbert, N.S.              | 40 0    | 13 5   | 5 6     |       |       | B. Hargrove, Chance Harbour, N.B.   |
| 116583 | Louisa A.            | Schr-Glt      | Liverpool      | Sable Head, N.S.                | 36 0    | 10 9   | 5 2     |       |       | Reuben J. Cott, et al., Port Mouton, N.S.   |
| 117100 | Louisa Ellen         | Schr-Glt      | Arichat        | White Head, N.S.                | 35 0    | 10 5   | 6 0     |       |       | Daniel Casey, Raspberry, N.S.   |
| 88351  | Louisa J. Selig      | Schr-Glt      | Quebec         | Lunenburg, N.S.                 | 85 5    | 23 8   | 8 4     |       |       | Addard Belley, St. Siméon, Que.   |
| 141556 | Louisiana            | Barge-Chd     | Vancouver      | Bath, Me., U.S.A.               | 202 4   | 40 0   | 23 8    |       |       | The Coastwise Steamship and Barge Co., Ltd., 801-718 Grayville St., Vancouver, B.C. |
| 112227 | Louyima              | Sloop         | St. John, N.B. | St. John, N.B.                  | 40 3    | 13 1   | 6 4     |       |       | F. J. Lihely, et al., St. John, N.B.  |
| 97189  | Loyisi               | Bktn-Bkgft.   | Windsor, N.S.  | Horton, N.S.                    | 180 2   | 37 2   | 18 5    |       |       | Fredrick C. Lockhart, New York, N.Y., U.S.A.  |
| 96889  | Lower Traverse       | Lt. Ship      | Ottawa         | Lunenburg, N.S.                 | 92 9    | 27 6   | 11 6    |       |       | The Minister of Marine and Fisheries, Ottawa, Ont.                                  |
| 134055 | Loyola               | Schr-Glt      | Lunenburg      | La Have, N.S.                   | 32 4    | 23 4   | 10 7    |       |       | Gordon E. Romkey, M.O., La Have, N.S.   |
| 126601 | Loze                 | Schr-Glt      | Chartham, N.B. | Carriquet, N.S.                 | 82 0    | 21 5   | 5 6     |       |       | Eli Cormier, Upper Carriquet, N.B.  |
| 11735  | Lucania              | Schr-Glt      | Arichat        | La Have, N.S.                   | 92 0    | 24 5   | 9 4     |       |       | Charles R. Steer, St. John's, Nfld.   |
| 121049 | Lucien               | Sloop         | Sorel          | Sorel, Que.                     | 110 0   | 23 2   | 7 4     |       |       | Arthur Creaser, M.O., Riverport, N.S.   |
| 130814 | Lucille B. Creaser   | Schr-Glt      | Lunenburg      | Lunenburg, N.S.                 | 100 8   | 26 3   | 10 4    |       |       | Charles Bros. & Co., Ltd., 26 St. Peter St., Quebec, Que.                           |
| 137890 | Lucille M. Colp      | Schr-Glt      | Lunenburg      | Lunenburg, N.S.                 | 107 5   | 25 8   | 10 5    |       |       | Robin Jones & Whitman, Ltd., et al., Halifax, N.S.                                  |
| 137581 | Lucille M. Smith     | Schr-Glt      | Lunenburg      | Lunenburg, N.S.                 | 102 6   | 26 0   | 11 0    |       |       | Abbot Beck, M.O., Lunenburg, N.S.   |
| 116210 | Lucy A.              | Schr-Glt      | Yarmouth       | Merigahan, N.S.                 | 52 0    | 15 2   | 8 4     |       |       | James M. Walker, Yarmouth, N.S.   |
| 141577 | Lucy R.              | Schr-Glt      | Weymouth       | Cherch Point, N.S.              | 98 5    | 23 3   | 8 9     |       |       | J. Foster Reed, Halifax, N.S.   |
| 106363 | Lue                  | Sloop         | Montreal       | St. Thomas de Pierreville, Que. | 80 5    | 21 5   | 5 1     |       |       | Joseph Lefebvre, Montreal, Que.   |
| 72945  | Lumina               | Schr-Glt      | Quebec         | Malbaie, Que.                   | 52 1    | 17 3   | 7 3     |       |       | Adelard Warren, Malbaie, Que.   |
| 130760 | Lund No. 3           | Barge-Chd     | Vancouver      | Lund, B.C.                      | 84 8    | 27 2   | 6 0     |       |       | Fredrick G. Thulin, Lund, B.C.  |
| 100217 | Lydia E.             | Schr-Glt      | Halifax        | Bedford, N.S.                   | 35 8    | 13 1   | 4 5     |       |       | W. McC. Beak, Halifax, N.S.   |
| 122042 | Lydia H.             | Schr-Glt      | St. Andrews    | Shelburne, N.S.                 | 30 8    | 10 0   | 6 0     |       |       | Owen Frankland, Grand Manan, N.B.   |
| 116486 | Lyman Cassey         | Schr-Glt      | Wallaceburg    | Toledo, Ohio, U.S.A.            | 126 1   | 26 0   | 13 3    |       |       | David A. Gordon, Wallaceburg, Ont.  |
| 130436 | Lyman M. Davis       | Schr-Glt      | Sarnia         | Mustegon, Mich., U.S.A.         | 123 0   | 27 2   | 9 0     |       |       | John A. McCullough and Cephas H. Spencer, Napanee, Ont.                             |
| 107571 | M. B. & Co., No. One | Barge-Chd     | Lindsay        | Bobbygeon, Ont.                 | 86 6    | 20 0   | 5 0     |       |       | Mosson M. Boyd, Bobbygeon, Ont.   |

Formerly "Lillie Soullard."

ALPHABETICAL. List of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE DES NAVIRES À VOILES INSCRITS DANS LES REGISTRES MARITIMES DU CANADA AU 31 DÉCEMBRE 1920.  
 ©Equipped with Wireless—Muni de la T.S.F.—Abbréviations—Abbreviations: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel | Name of Ship<br>Nom du navire | Port of Registry<br>Port d'enregistrement | Rig.<br>Gréement | Build.<br>Construction | Where Built<br>Lieu de construction | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage<br>Tonnage enregistré | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|------------------------------------|-------------------------------|---|------------------|------------------------|-------------------------------------|---|---|--|--|---|
| 107572                             | M. H. & Co., No. 1            | Lindsay                                   | Barge—Chd.       | 1890                   | Bobaygeon, Ont.                     | 88 0  | 22 4  | 5 0  | 99                                       | Mosson M. Boyd, Bobaygeon, Ont.   |
| 107573                             | M. H. & Co., No. 2            | Lindsay                                   | Barge—Chd.       | 1892                   | Bobaygeon, Ont.                     | 80 7  | 24 6  | 5 0  | 100                                      | Mosson M. Boyd, Bobaygeon, Ont.   |
| 107574                             | M. H. & Co., No. 3            | Lindsay                                   | Barge—Chd.       | 1890                   | Bobaygeon, Ont.                     | 70 0  | 21 7  | 5 0  | 76                                       | Mosson M. Boyd, Bobaygeon, Ont.   |
| 116310                             | M. C. V.                      | Charlottetown                             | Schr—Gh.         | 1906                   | Souris, P. E. I.                    | 73 4  | 22 7  | 7 4  | 77                                       | Cleophas Arsenau, House Harbour, Magdalen Islands, Que.                               |
| 137979                             | M. D. D. No. 1                | Montreal                                  | Scow—Chd.        | 1915                   | Montreal, Que.                      | 48 7  | 18 8  | 4 5  | 31                                       | Montreal Dry Docks & Ship Repairing Co., Ltd., Montreal, Que.                         |
| 137980                             | M. D. D. No. 2                | Montreal                                  | Scow—Chd.        | 1915                   | Montreal, Que.                      | 20 4  | 8 0   | 0 8  | 1  | The Hull Engineering Works, Ltd., Montreal, Que.                                      |
| 138091                             | M. D. D. No. 3                | Montreal                                  | Scow—Chd.        | 1915                   | Montreal, Que.                      | 20 4  | 6 9   | 0 8  | 1  | The Hull Engineering Works, Ltd., Montreal, Que.                                      |
| 138035                             | M. G. C. No. 1                | Montreal                                  | Scow—Chd.        | 1911                   | Welland, Ont.                       | 101 0   | 33 0  | 8 0  | 461                                      | Thos. C. Stimpson, Montreal, Que.   |
| 138119                             | M. H. P. No. 1                | New Westminster                           | Barge—Chd.       | 1913                   | New Westminster, B.C.               | 100 0   | 33 0  | 8 6  | 261                                      | Gulf of Georgia Towing Co., Ltd. (1920), 1199 Sixth Ave. W., Vancouver, B.C.          |
| 138120                             | M. H. P. No. 2                | New Westminster                           | Barge—Chd.       | 1913                   | New Westminster, B.C.               | 100 0   | 33 0  | 8 6  | 261                                      | Gulf of Georgia Towing Co., Ltd. (1920), 1199 Sixth Ave. W., Vancouver, B.C.          |
| 130779                             | M. T. No. 1                   | Port Arthur                               | Scow—Chd.        | 1914                   | Vancouver, B.C.                     | 104 0   | 27 5  | 7 0  | 193                                      | The Russell Timber Co., Ltd., 6 Court St., Port Arthur, Ont.                          |
| 140011                             | M. W. W. No. 1                | Vancouver                                 | Scow—Chd.        | 1914                   | Vancouver, B.C.                     | 86 2  | 32 1  | 8 1  | 193                                      | McNeill, Welch & Wilson, Ltd., 1629 Main St., Vancouver, B.C.                         |
| 141203                             | M. W. W. No. 2                | Vancouver                                 | Scow—Chd.        | 1919                   | Vancouver, B.C.                     | 93 5  | 32 1  | 6 6  | 169                                      | McNeill, Welch & Wilson, Ltd., 418 Cambie St., Vancouver, B.C.                        |
| 141821                             | M. W. W. No. 3                | Vancouver                                 | Scow—Chd.        | 1911                   | Victoria, B.C.                      | 90 0  | 30 0  | 7 6  | 173                                      | McNeill, Welch & Wilson, Ltd., 418 Cambie St., Vancouver, B.C.                        |
| 141935                             | M. W. W. No. 4                | Vancouver                                 | Scow—Chd.        | 1920                   | New Westminster, B.C.               | 97 1  | 33 9  | 8 2  | 229                                      | McNeill, Welch & Wilson, Ltd., 418 Cambie St., Vancouver, B.C.                        |
| 141549                             | M. W. W. No. 5                | Vancouver                                 | Scow—Chd.        | 1919                   | New Westminster, B.C.               | 96 2  | 34 0  | 8 1  | 252                                      | McNeill, Welch & Wilson, Ltd., 418 Cambie St., Vancouver, B.C.                        |
| 141567                             | M. W. W. No. 6                | Vancouver                                 | Scow—Chd.        | 1919                   | New Westminster, B.C.               | 96 3  | 34 0  | 8 3  | 234                                      | McNeill, Welch & Wilson, Ltd., 418 Cambie St., Vancouver, B.C.                        |
| 141787                             | M. W. W. VIII                 | New Westminster                           | Scow—Chd.        | 1920                   | New Westminster                     | 91 3  | 30 0  | 7 3  | 171                                      | Jos. Crane, New Westminster, B.C.   |
| 131035                             | M. & F. No. 1                 | Ottawa                                    | Dredge—Draque    | 1892                   | Ottawa, Ont.                        | 148 5   | 30 2  | 12 3   | 382                                      | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 131043                             | M. & F. No. 2                 | Sorel                                     | Dredge—Draque    | 1906                   | Sorel, Que.                         | 168 2   | 32 0  | 12 8   | 509                                      | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 131044                             | M. & F. No. 3                 | Sorel                                     | Dredge—Draque    | 1909                   | Sorel, Que.                         | 149 7   | 32 3  | 11 8   | 480                                      | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 131045                             | M. & F. No. 4                 | Sorel                                     | Dredge—Draque    | 1907                   | Sorel, Que.                         | 149 7   | 32 3  | 12 9   | 530                                      | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 131046                             | M. & F. No. 5                 | Sorel                                     | Dredge—Draque    | 1907                   | Sorel, Que.                         | 160 4   | 35 2  | 12 8   | 520                                      | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 131047                             | M. & F. No. 6                 | Sorel                                     | Dredge—Draque    | 1902                   | Sorel, Que.                         | 177 1   | 34 5  | 12 3   | 559                                      | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |

SESSIONAL PAPER No. 22

| No.     | Name                        | Owner              | Home Port                   | Tonnage | Length | Breadth | Depth | Speed | Remarks  |
|---------|-----------------------------|--------------------|-----------------------------|---------|--------|---------|-------|-------|--|
| 133910  | M. & F. No. 7.              | Sorel              | Toronto, Ont.               | 160 0   | 41 2   | 10 5    | 10 5  | 872   | The Minister of Marine and Fisheries, Ottawa, Ont.                 |
| 126539  | M. & F. No. 10.             | Sorel              | Sorel, Que.                 | 132 5   | 42 1   | 9 5     | 9 5   | 702   | The Minister of Marine and Fisheries, Ottawa, Ont.                 |
| 133900  | M. & F. Dredge No.          | Sorel              | Sorel, Que.                 | 129 0   | 42 1   | 11 9    | 11 9  | 734   | The Minister of Marine and Fisheries, Ottawa, Ont.                 |
| 134361  | M. & F. Dredge No.          | Sorel              | Sorel, Que.                 | 180 0   | 40 1   | 12 0    | 12 0  | 682   | The Minister of Marine and Fisheries, Ottawa, Ont.                 |
| 134362  | M. & F. Dredge No.          | Sorel              | Sorel, Que.                 | 180 0   | 40 1   | 12 0    | 12 0  | 682   | The Minister of Marine and Fisheries, Ottawa, Ont.                 |
| 134363  | M. & F. Rock Breaker No. 1. | Sorel              | Sorel, Que.                 | 400 0   | 36 0   | 8 3     | 8 3   | 198   | The Minister of Marine and Fisheries, Ottawa, Ont.                 |
| 111947  | M. & F. Vancouver           | Vancouver          | New Westminster, B.C.       | 85 0    | 26 0   | 7 6     | 7 6   | 135   | The Western Transport Co., Ltd., Esplanade, Namatino, B.C.         |
| 111440  | M. A. Jossey                | Halifax            | Halifax, N.S.               | 47 2    | 14 0   | 6 0     | 6 0   | 17    | Bertie Leslie, Halifax, N.S.                                       |
| 88366   | M. A. Louis                 | Charlottetown      | St. John's, N.S.            | 71 5    | 21 5   | 7 8     | 7 8   | 64    | Daniel Casey, Port Felix, N.S.                                     |
| 338493  | M. B. Wallace               | Montreal           | Charlevoque, Que.           | 128 9   | 27 3   | 8 0     | 8 0   | 252   | St. Maurice Paper Co., Ltd., 42 St. Sacramento St., Montreal, Que. |
| 126576  | M. C. G. Boudreau           | Port Hawkesbury    | Medouan, N.S.               | 51 9    | 17 7   | 7 0     | 7 0   | 22    | Chas. G. Boudreau, Charlevoque, N.S.                               |
| 126871  | M. F. Hains                 | Dorchester         | Medouan River, N.S.         | 58 0    | 13 7   | 6 5     | 6 5   | 31    | Milton Hains, M.O., Frelport, N.S.                                 |
| 116710  | M. F. L. C.                 | Quebec             | St. Fabien, Que.            | 52 8    | 19 3   | 7 3     | 7 3   | 47    | Charles Bouchard and Elzear Bois, Malabar, Que.                    |
| 130649  | M. G. Morgan                | Riverview          | Jardenville, N.B.           | 36 0    | 12 0   | 6 0     | 6 0   | 12    | Mrs. Edward Morgan, West Summerville, Mass., U.S.A.                |
| 137915  | M. J. Albert                | Charlottetown      | Carleton, N.B.              | 45 0    | 14 0   | 6 3     | 6 3   | 20    | John S. Albert, Carleton, N.B.                                     |
| 143202  | M. J. Borthwick             | Charlottetown      | River John, N.S.            | 102 5   | 40 8   | 7 3     | 7 3   | 459   | M. J. Hanes, Toronto, Ont.   |
| 110376  | M. J. Taylor                | Quebec             | Spencer's Island, N.S.      | 150 5   | 33 6   | 12 7    | 12 7  | 377   | Joseph Murphy, Lewis, Que.   |
| 122240  | M. L. Nickerson             | Barrington Passage | Central Woods Harbour, N.S. | 29 5    | 12 0   | 5 0     | 5 0   | 10    | James E. Nickerson, Central Woods Harbour, N.S.                    |
| 130723  | M. M. Gardner               | Lunenburg          | Lunenburg, N.S.             | 106 8   | 26 0   | 10 6    | 10 6  | 100   | Melbourne M. Gardner, et al., Lunenburg, N.S.                      |
| 141290  | M. P. Corwell               | La Have            | Ship Harbour, N.S.          | 135 0   | 32 2   | 12 0    | 12 0  | 363   | Milledge J. Parks, M.O., La Have, N.S.                             |
| 130789  | M. P. Delaney               | Port Hawkesbury    | Grand Etang, N.S.           | 38 6    | 11 8   | 5 3     | 5 3   | 12    | Mareline P. Delaney, Grand Etang, N.S.                             |
| 97022   | M. & L. Chase               | Dorchester         | Kemulank, Me., U.S.A.       | 69 9    | 19 7   | 6 6     | 6 6   | 46    | Edwin Hooper, Hamilton, Bermuda, B.W.I.                            |
| 122186  | M. O'Toole                  | Arichant           | Lunenburg, N.S.             | 51 6    | 15 5   | 6 9     | 6 9   | 32    | John C. McDonald and H. C. Gunn, Gabarouse, N.S.                   |
| 1306536 | M. Robitoux                 | Montreal           | Yamaska, Que.               | 109 4   | 23 2   | 6 9     | 6 9   | 132   | Robitoux Smit Co., Ltd., 444 Lagacheiere St. W., Montreal, Que.    |
| 126104  | M. Unity                    | Lunenburg          | Tancook, N.S.               | 50 4    | 13 7   | 8 0     | 8 0   | 26    | Robin, Jones & Whitman, Ltd., Halifax, N.S.                        |
| 116977  | Mabel                       | Charlton, N.B.     | Shippigan, N.P.             | 38 0    | 13 4   | 6 0     | 6 0   | 16    | The W. S. Loggie Co., Ltd., Chatham, N.B.                          |
| 85687   | Mabel                       | Dorchester         | Dorchester, N.S.            | 59 4    | 17 7   | 6 7     | 6 7   | 38    | Frank Leighton, Penfield, N.B.                                     |
| 82993   | Mabel                       | Kingston           | Dorchester, N.S.            | 87 8    | 19 0   | 5 3     | 5 3   | 59    | Wm. Jones, Belleville, Ont.  |
| 103173  | Mabel                       | Shelburne          | Lox Lake, Ont.              | 53 3    | 15 4   | 7 2     | 7 2   | 21    | Geo. Savoy, Chatham, N.B.  |
| 100564  | Mabel                       | Sydney, N.S.       | Lox Lake, Ont.              | 120 7   | 25 8   | 12 9    | 12 9  | 247   | Dominion Coal Co., Ltd., Montreal, Que.                            |
| 116654  | Mabel A.                    | Yarmouth           | Malbone Bay, N.S.           | 40 0    | 12 6   | 6 6     | 6 6   | 15    | Samuel Epstein, Yarmouth, N.S.                                     |
| 107914  | Mabel B.                    | St. Andrews        | Grand Manan, N.B.           | 29 0    | 10 5   | 4 6     | 4 6   | 9     | Webster Cosseboom, Grand Manan, N.B.                               |
| 134500  | Mabel E. Gunn               | Canso              | Shelburne, N.S.             | 142 0   | 33 5   | 11 5    | 11 5  | 367   | C. W. Anderson, M.O., Sherbrooke, N.S.                             |
| 107704  | Mabel G.                    | Toronto            | Pentanguishene, Ont.        | 50 0    | 20 0   | 3 0     | 3 0   | 8     | W. M. Thompson, Pentanguishene, Ont.                               |
| 122140  | Mabel I.                    | Weymouth           | Barrington, N.S.            | 30 0    | 10 6   | 6 0     | 6 0   | 10    | Joseph H. Ball, Charlottetown, P.E.I.                              |
| 107005  | Mabel M.                    | Weymouth           | Malville, N.S.              | 31 0    | 12 0   | 4 8     | 4 8   | 20    | Adam Sylva, Dalhousie, N.B.  |
| 141654  | Maie                        | Mac Lean Clan      | Misisco, N.B.               | 30 0    | 12 8   | 6 0     | 6 0   | 10    | Henry W. Adams, M.O., Lunenburg, N.S.                              |
| 131718  | MeB. No. 1.                 | Vancouver          | Malbone Bay, N.S.           | 125 2   | 27 6   | 11 4    | 11 4  | 239   | Thomas G. Melbride, Vancouver, B.C.                                |
| 107584  | MeD. & Co. No. One          | Vancouver          | North Vancouver, B.C.       | 74 0    | 26 0   | 6 3     | 6 3   | 148   | Thomas G. Melbride, Vancouver, B.C.                                |
| 107585  | MeD. & Co. No. Two          | Vancouver          | North Vancouver, B.C.       | 75 1    | 30 1   | 8 0     | 8 0   | 148   | Thomas G. Melbride, Vancouver, B.C.                                |
| 107937  | MeW. No. 1.                 | Lindsay            | Lindsay, Ont.               | 66 5    | 18 3   | 5 0     | 5 0   | 54    | John Carew, Lindsay, Ont.  |
| 130618  | McDonald                    | New Westminster    | New Westminster, B.C.       | 62 0    | 18 1   | 4 0     | 4 0   | 123   | Dan I. McWilliams, Westham Islands, B.C.                           |
| 131009  | McDonald                    | New Westminster    | New Westminster, B.C.       | 73 4    | 28 0   | 6 6     | 6 6   | 123   | Dan I. McWilliams, Westham Islands, B.C.                           |
| 117152  | McDowall No. 3.             | St. John, N.B.     | New Westminster, B.C.       | 114 6   | 40 3   | 12 3    | 12 3  | 806   | Roger Miller & Co. (P.E.I.), Ltd., Montreal, Que.                  |
| 130780  | McLean No. 1.               | Sault Ste. Marie   | Sault Ste. Marie, Ont.      | 68 0    | 23 0   | 6 6     | 6 6   | 179   | John McDowall, Vancouver, B.C.                                     |
| 134192  | McLean No. 2.               | Sault Ste. Marie   | Sault Ste. Marie, Ont.      | 90 0    | 24 0   | 8 0     | 8 0   | 175   | Alexander B. McLean, Sault Ste. Marie, Ont.                        |
| 134380  | McLean No. 3.               | Sault Ste. Marie   | Sault Ste. Marie, Ont.      | 80 0    | 24 0   | 6 5     | 6 5   | 125   | Alexander B. McLean, Sault Ste. Marie, Ont.                        |
| 1310038 | McMartin                    | St. John, N.B.     | Sault Ste. Marie, Ont.      | 78 0    | 30 0   | 7 0     | 7 0   | 164   | Alexander B. McLean, Sault Ste. Marie, Ont.                        |
|         |                             |                    | St. John, N.B.              | 229 7   | 37 0   | 19 9    | 19 9  | 1348  | Norton Griffiths Dredging Co., Ltd., Montreal, Que.                |

\*Formerly "Laval." †Foreign name "No. 6." ‡Foreign Name "Denver."

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless—Muni de la T.S.F.—Abbréviations—Abbreviations—Avertissements: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'inscription. | Rig.<br>Gréement. | Build<br>Construit | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10ths. | Breadth in feet and 10ths.<br>Largeur en pieds et 10ths. | Depth in feet and 10ths.<br>Profondeur en pieds et 10ths. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|---------------------------------|--|-------------------|--------------------|---------------------------------------|--|--|---|--|---|
| 121691                              | Maccabee                        | Yarmouth                                 | Sloop             | 1904               | Port Maitland, N.S.                   | 34 0   | 10 3   | 5 5   | 10   | Edison Ellis, M.O., Port Maitland, N.S.   |
| 116919                              | Madelaine                       | Liverpool                                | Sloop             | 1906               | Brooklyn, N.S.                        | 44 0   | 13 6   | 7 0   | 16   | Herbert Randell, St. John's Nfld.   |
| 121676                              | Madelaine                       | Vancouver                                | Sloop             | 1906               | Seattle, Wash., U.S.A.                | 25 0   | 9 0  | 4 0   | 7  | John Green, Vancouver, B.C.   |
| 138876                              | Madelaine D. Adams              | Halifax                                  | Schr—Glt.         | 1886               | South Boston, Mass., U.S.A.           | 43 1   | 23 3   | 8 4   | 84   | Allan J. Douglas, Montreal, Que.  |
| 138823                              | Madelaine E. Adams              | Lambourg                                 | Schr—Glt.         | 1918               | Malone Bay, N.S.                      | 102 6  | 26 2   | 10 2  | 95   | Wm. Duff, M.O., Lunenburg, N.S.   |
| 121896                              | Madelaine Frances               | Shelburne                                | Sloop             | 1906               | Shelburne, N.S.                       | 37 0   | 13 0   | 5 7   | 13   | Chester L. Guphill, Grand Harbour, N.B.   |
| 134162                              | Madelaine J.                    | Yarmouth                                 | Schr—Glt.         | 1914               | Earl Brook, N.S.                      | 40 0   | 12 4   | 5 0   | 9  | William Le Blanc, et al., Abrams River, N.S.  |
| 96866                               | Madge                           | Prescott                                 | Barge—Chd.        | 1897               | Toronto, Ont.                         | 27 0   | 27 0   | 11 0  | 335  | The Canada Sugar Refining Co., Ltd., Montreal, Que.                                   |
| 88570                               | Madge                           | Kingston                                 | Barge—Chd.        | 1869               | Garden Island, Ont.                   | 166 4  | 12 1   | 11 8  | 415  | Percy C. Bombard, Montreal, Que.  |
| 117094                              | Margie Alice                    | Arichat                                  | Schr—Glt.         | 1905               | Port Vêlex, N.S.                      | 36 0   | 12 4   | 5 7   | 11   | P. Cashin, M.O., Port Felix, N.S.   |
| 107064                              | Margie Alice                    | St. John, N.B.                           | Schr—Glt.         | 1897               | The Ramse, N.B.                       | 65 0   | 23 2   | 5 7   | 51   | Jos. A. Sabean, St. John, N.B.  |
| 112018                              | Margie Bell                     | Charlottetown                            | Schr—Glt.         | 1902               | Half Islet, Coyer, N.S.               | 45 5   | 14 5   | 8 0   | 26   | John Beaver, Spry Bay, N.S.   |
| 138405                              | Margie E. Burton                | Sydney, N.S.                             | Schr—Glt.         | 1919               | Aspy Bay, N.S.                        | 74 6   | 19 0   | 6 5   | 48   | George Ball, Cod Roy, Nfld.   |
| 106580                              | Margie E. C.                    | Lambourg                                 | Schr—Glt.         | 1893               | Malone Bay, N.S.                      | 41 8   | 15 5   | 6 3   | 20   | W. S. Loggie Co., Ltd., Chatham, N.B.   |
| 107377                              | Margie Ella                     | Sydney, N.S.                             | Schr—Glt.         | 1901               | Cape North, N.S.                      | 38 3   | 12 2   | 5 0   | 11   | Timothy Donavan, Cape North, N.S.   |
| 116350                              | Margie F.                       | Arichat                                  | Schr—Glt.         | 1901               | River Bourgeois, N.S.                 | 37 1   | 13 9   | 6 0   | 15   | Stephens Backland, Glace Bay, N.S.  |
| 141582                              | Margie F.                       | Montreal                                 | Barge—Chd.        | 1901               | Whitehall, N.Y., U.S.A.               | 96 4   | 17 8   | 7 4   | 106  | Rochelleu Transportation Co., 137 McGill St., Montreal, Que.                          |
| 92514                               | Margie Jane                     | St. Andrews                              | Schr—Glt.         | 1879               | Beaver Bay, N.B.                      | 29 4   | 10 5   | 5 0   | 10   | Alex. McNeil, St. George, N.B.  |
| 88277                               | Margie Jane                     | St. John, N.B.                           | Schr—Glt.         | 1883               | Beaver Harbour, N.B.                  | 37 0   | 13 2   | 5 2   | 18   | Thos. Bright, Penfield, N.B.  |
| 96902                               | Margie L.                       | Kingston                                 | Schr—Glt.         | 1889               | Pictou, Ont.                          | 47 0   | 17 4   | 5 2   | 42   | Merton Mellon, Bath, Ont.   |
| 116731                              | Margie M.                       | Digby                                    | Sloop             | 1900               | Margaretsville, N.S.                  | 32 5   | 12 4   | 6 9   | 11   | R. A. McGramham, Margaretsville, N.S.   |
| 97100                               | Margie M. F.                    | Canso                                    | Schr—Glt.         | 1904               | Queensport, N.S.                      | 41 0   | 12 0   | 6 9   | 15   | James Fitzgerald, Queensport, N.S.  |
| 116703                              | Margie M. W.                    | Lambourg                                 | Schr—Glt.         | 1891               | Falmouth, N.S.                        | 77 5   | 23 3   | 8 5   | 89   | Geo. M. Barr, St. John's, Nfld.   |
| 116655                              | Margie May                      | Halifax                                  | Schr—Glt.         | 1904               | Malone Bay, N.S.                      | 39 8   | 14 3   | 6 5   | 17   | P. F. Hornum, Eastern Passage, N.S.   |
| 116655                              | Margie P.                       | Yarmouth                                 | Schr—Glt.         | 1902               | Mezezhon, N.S.                        | 31 0   | 11 6   | 4 0   | 8  | Stillman Crowell, Clarke's Harbour, N.S.  |
| 77754                               | Margie Page                     | Shelburne                                | Bcgn—Bkft.        | 1879               | Port Le Bert, N.S.                    | 86 0   | 24 0   | 9 4   | 110  | John Peters, Halifax, N.S.  |
| 72253                               | Margie S.                       | St. John, N.B.                           | Schr—Glt.         | 1875               | St. Martin's, N.B.                    | 79 0   | 26 0   | 7 5   | 83   | Caleb Reed, Rockport, N.B.  |
| 130323                              | Margie Swift                    | Chatham, N.B.                            | Schr—Glt.         | 1907               | Point Sappin, N.B.                    | 32 0   | 10 0   | 5 0   | 11   | Donald H. McDonald and Ernest S. McDonald, Point au Carr, N.B.                        |
| 116915                              | Margie and Esther.              | Pictou, N.S.                             | Schr—Glt.         | 1905               | Port Mouton, N.S.                     | 42 0   | 12 4   | 5 0   | 11   | McGregor Fraser, Pictou, N.S.   |
| 134326                              | Maguire                         | Chatham, N.B.                            | Schr—Glt.         | 1914               | Caraquet, N.B.                        | 29 0   | 10 8   | 4 8   | 10   | Jean Lezer, Caraquet, N.B.  |
| 85401                               | Magn.                           | Magdalen Islands                         | Schr—Glt.         | 1902               | Point Basse, Que.                     | 55 7   | 17 4   | 6 8   | 32   | Alexander Chasson, Chânel, Nfld.  |
| 116922                              | Magog.                          | Victoria, B.C.                           | Barge—Chd.        | 1904               | Victoria, B.C.                        | 95 0   | 30 3   | 6 8   | 132  | The Pacific Towing & Lighterage Co., Ltd., Victoria, B.C.                             |
| 138801                              | Maid of Brazil.                 | Waymouth                                 | Schr—Glt.         | 1918               | Grosses Coques, N.S.                  | 141 0  | 32 6   | 12 8  | 387  | Miss Jeanne Bohmer, Saint-Jore, St. Lucia, B.W.I.                                     |



| 141197 | Meid of Canada        | La Have            | Schr—Glt.     | 1918             | Weymouth, N.S.               | 128 0 | 31 3 | 12 0 | 330 | W. Norman Reinhardt, M.O., La Have, N.S.                                   |
|--------|-----------------------|--------------------|---------------|------------------|------------------------------|-------|------|------|-----|--|
| 141572 | Meid of England       | Weymouth           | Bktn—Bkgt.    | 1919             | Grosses Coques, N.S.         | 174 7 | 37 6 | 13 0 | 696 | Frank K. Warren, et al., Halifax, N.S.                                     |
| 138459 | Meid of France        | Annapolis Royal    | Schr—Glt.     | 1919             | Grosses Coques, N.S.         | 141 0 | 33 2 | 12 7 | 376 | Joseph A. Balcom, et al., Margareville, N.S.                               |
| 142222 | Meid of Scotland      | Weymouth           | Schr—Glt.     | 1919             | Grosses Coques, N.S.         | 148 0 | 32 7 | 12 0 | 439 | Frank K. Warren, et al., Halifax, N.S.                                     |
| 136608 | Meid of Scotland      | Chatham, N.B.      | Barge—Chd.    | 1909             | Green Cove, N.B.             | 104 0 | 26 0 | 6 6  | 101 | J. B. Snowball Co., Ltd., Chatham, N.B.                                    |
| 142378 | Meid of Scotland      | Parsboro'          | Schr—Glt.     | 1877             | Green Cove, N.B.             | 62 0  | 19 0 | 6 2  | 45  | John M. McDougall, St. George, N.B.  |
| 116548 | Magestic              | Montreal           | Schr—Glt.     | 1856             | Caracquet, N.B.              | 136 8 | 25 4 | 11 1 | 294 | The Atlas Sand Co., Ltd., 77 Common St., Montreal, Que.                    |
| 100955 | Magestic              | Chatham, N.B.      | Schr—Glt.     | 1892             | Grand Manan, N.B.            | 36 0  | 12 4 | 4 5  | 10  | The W. S. Loggie Co., Ltd., Chatham, N.B.                                  |
| 111588 | Magestic              | St Andrews         | Sloop.        | 1902             | Lunenburg, N.S.              | 28 6  | 12 4 | 5 0  | 12  | Wm. Flewelling, Grand Manan, N.B.  |
| 94775  | Malabar               | Charlottetown      | Schr—Glt.     | 1888             | St. John, N.B.               | 77 8  | 23 5 | 8 9  | 93  | Daniel S. Miller, Alberton, P.E.I.   |
| 134333 | Malabar               | Chatham, N.B.      | Schr—Glt.     | 1914             | Miscou Centre, N.B.          | 33 0  | 5 0  | 5 0  | 11  | Pierre D. Lanteigne, Miscou Centre, N.B.                                   |
| 103714 | Malcolm Cann          | Yarmouth           | Schr—Glt.     | 1886             | Lockport, N.S.               | 112 0 | 20 1 | 10 8 | 137 | Hugh Cann & Son, Ltd., Yarmouth, N.S.                                      |
| 130381 | Malden                | Amherstburg        | Scow—Chd.     | 1898             | Chatham, Ont.                | 77 6  | 20 0 | 5 0  | 65  | John S. McQueen, Amherstburg, Ont.   |
| 134325 | Mallet                | Chatham, N.B.      | Barge—Glt.    | 1903             | Shippigan, N.B.              | 302 8 | 23 4 | 4 5  | 10  | Joseph Robitcaud, Shippigan, N.B.  |
| 103558 | Malva                 | Montreal           | Barge—Chd.    | 1896             | Yamaska, Que.                | 109 2 | 23 0 | 22 5 | 107 | Montreal Sand & Gravel Co., Ltd., Montreal, Que.                           |
| 98867  | Mannie                | Montreal           | Barge—Chd.    | 1897             | Montreal, Que.               | 129 4 | 28 0 | 11 2 | 370 | Montreal Transportation Co., Ltd., 286 St. James St., Montreal, Que.       |
| 82586  | Manicouan             | Ottawa             | Barge—Chd.    | 1882             | Bedford Mills, Ont.          | 92 6  | 17 8 | 12 0 | 143 | The Minister of Marine and Fisheries, Ottawa, Ont.                         |
| 96287  | Manitoha              | Kingston           | Barge—Chd.    | 1882             | Buffalo, N. Y., U.S.A.       | 103 0 | 21 2 | 5 6  | 75  | Banjamin Tett, Bedford Mills, Ont.   |
| 137967 | Manley & Co., No. 1   | Montreal           | Dredge—Drague | 1908             | Sorel, Que.                  | 75 4  | 26 3 | 5 0  | 148 | Edward Manley, et al., J.O., Thorold, Ont.                                 |
| 126144 | Mansou                | Sorel              | Sloop.        | 1908             | Sorel, Que.                  | 82 2  | 21 1 | 5 7  | 67  | Gso. Dansereau, Grenville, Que.  |
| 141634 | Manna                 | La Have            | Schr—Glt.     | 1902             | Liverpool, N.S.              | 121 6 | 26 8 | 11 5 | 114 | Frank Risser, M.O., Kingsburg, N.S.  |
| 116829 | Maple Leaf            | Barrington Passage | Sloop.        | 1902             | Cape Island, N.S.            | 30 5  | 11 0 | 6 2  | 11  | C. F. Nickerson, Villagedale, N.S.   |
| 112158 | Maple Leaf            | Chatham, N.B.      | Schr—Glt.     | 1903             | Shippigan, N.B.              | 38 0  | 13 0 | 5 2  | 13  | Robin Jones & Whitman, Ltd., Halifax, N.S.                                 |
| 103511 | Maple Leaf            | Chatham, N.B.      | Schr—Glt.     | 1903             | Barachois, Que.              | 37 3  | 12 4 | 5 2  | 13  | Sylvain Plourde, Fair Isle, Neguac, N.B.                                   |
| 116237 | Maple Leaf            | Digby              | Sloop.        | 1905             | Westport, N.S.               | 33 6  | 11 3 | 5 6  | 98  | Lewis Connors, Black's Harbour, N.B.                                       |
| 107567 | Maple Leaf            | Parsboro'          | Schr—Glt.     | 1900             | Speenars' Island, N.S.       | 91 8  | 25 1 | 7 0  | 98  | Alfred Pertus, Descouasse, N.S.  |
| 94800  | Maple Leaf            | Charlottetown      | Schr—Glt.     | 1902             | Welford, N.B.                | 48 0  | 15 0 | 5 0  | 21  | Louis H. Herring, Murray River, P.E.I.                                     |
| 92436  | Maple Leaf            | Toronto            | Schr—Glt.     | 1886             | Bronte, Ont.                 | 70 0  | 18 5 | 5 4  | 59  | Richard Goldring, M.O., Toronto, Ont.                                      |
| 92709  | Maple Leaf            | Winnipeg           | Barge—Chd.    | 1890             | Fort Frances, Ont.           | 62 0  | 14 6 | 5 5  | 34  | Walter Ross, Kenora, Ont.  |
| 140870 | Mapleleaf             | Liverpool          | Schr—Glt.     | 1918             | Belliveau's Cove, N.S.       | 146 5 | 32 3 | 12 1 | 411 | Ruby W. Shipping Co., Ltd., Liverpool, N.S.                                |
| 138435 | Mapleland             | Annapolis Royal    | Schr—Glt.     | 1919             | Annapolis Royal, N.S.        | 173 0 | 35 0 | 13 3 | 473 | Frank W. Pickets, Annapolis Royal, N.S.                                    |
| 134369 | Marcedes L.           | Annapolis Royal    | Schr—Glt.     | 1913             | Sorel, Que.                  | 109 5 | 23 3 | 7 9  | 163 | Emile Charland, Montreal, Que.   |
| 117056 | Margaret              | Canso              | Schr—Glt.     | 1903             | Queensport, N.S.             | 41 6  | 13 6 | 6 4  | 16  | Robert T. Matthews, M.O., Queensport, N.S.                                 |
| 116978 | Margaret              | Chatham, N.B.      | Schr—Glt.     | 1905             | Shippigan, N.B.              | 40 0  | 13 1 | 5 4  | 16  | J. L. Clark, St. George, N.B.  |
| 103117 | Margaret              | St. Andrews        | Schr—Glt.     | 1866             | Gloucester, Mass., U.S.A.    | 59 0  | 18 2 | 7 0  | 49  | Bryant Newell, Cape Island, N.S.   |
| 121888 | Margaret              | Yarmouth           | Sloop.        | 1905             | Cape Island, N.S.            | 31 0  | 11 0 | 6 0  | 10  | John Jones, Little Lamek, N.B.   |
| 130259 | Margaret Ann          | Chatham, N.B.      | Schr—Glt.     | 1903             | Lamék, N.B.                  | 137 0 | 33 1 | 5 3  | 13  | The W. S. Loggie Co., Ltd., Chatham, N.B.                                  |
| 130259 | Margaret F. Dick      | Chatham, N.S.      | Schr—Glt.     | 1903             | Lamék, N.B.                  | 199 0 | 39 1 | 18 5 | 989 | British Colonies Transportation Co., Ltd., Royal Bank Bldg., Toronto, Ont. |
| 75640  | Margaret Jane Lee-son | St. Catharines     | Scow—Chd.     | 1879             | Merriton, Ont.               | 113 8 | 24 9 | 7 1  | 148 | Joseph Battie, Thorold, Ont.   |
| 126291 | Margaret Kathleen     | Canso              | Schr—Glt.     | 1907             | White Haven, N.S.            | 40 3  | 13 0 | 6 0  | 16  | Patrick J. Conway, White Haven, N.S.                                       |
| 111909 | Margaret May          | Arichat            | Schr—Glt.     | 1899             | Canso, N.S.                  | 36 4  | 10 1 | 5 1  | 12  | J. Kavanagh, Canso, N.S.   |
| 138594 | Margery Austin        | St. John, N.B.     | Schr.—Glt.    | (1918)<br>(1920) | Harvey Bank, N.B.            | 86 1  | 27 8 | 8 0  | 116 | Clifford W. Robinson, Moncton, N.B.  |
| 138826 | Margery Mahaffy       | Lunenburg          | Schr—Glt.     | 1918             | Mahone Bay, N.S.             | 116 2 | 27 0 | 11 0 | 143 | A. S. Kendall & Co., Ltd., St. John's, Nfld                                |
| 111894 | Marguerite            | Charlottetown      | Schr—Glt.     | 1904             | Grosses Coques, N.S.         | 97 0  | 24 8 | 8 0  | 74  | Henry J. Jones, Bridgetown, Barbadoes, B. W. I.                            |
| 130672 | Marguerite H.         | Lunenburg          | Schr—Glt.     | 1911             | Mahone Bay, N.S.             | 74 6  | 23 0 | 9 2  | 75  | Milledge J. Parks, La Have, N.S.   |
| 141465 | Marguerite Ryan       | Shelburne          | Schr—Glt.     | 1920             | Shelburne, N.S.              | 109 6 | 26 4 | 10 8 | 148 | Daniel A. Ryan, St. John's, Nfld.  |
| 138644 | Marguerite Zueck      | La Have            | Schr—Glt.     | 1918             | West La Have, N.S.           | 108 6 | 26 2 | 10 5 | 99  | John Zueck, M.O., La Have, N.S.  |
| 103990 | Maria                 | Quebec             | Schr—Glt.     | 1897             | Isle aux Couvres, Que.       | 56 0  | 17 6 | 6 5  | 40  | J. Boudreault, Moisie River, Que.  |
| 116792 | Maria A.              | Quebec             | Sloop.        | 1903             | St. Jean Deschailions, Que.  | 56 3  | 17 9 | 4 8  | 27  | Joseph Gauvin, Deschailions, Que.  |
| 103532 | Maria A.              | Charlottetown      | Schr—Glt.     | 1895             | Smith's Cove, N.S.           | 42 2  | 13 3 | 5 9  | 22  | Bradford W. Lepaie, Tussockville, P.E.I.                                   |
| 133970 | Maria A. Howes        | Digby              | Schr—Glt.     | 1919             | Metegan River, N.S.          | 143 0 | 34 4 | 13 4 | 423 | Maria A. Howes Co., Ltd., St. John, N.B.                                   |
| 55663  | Maria Adolma          | Quebec             | Schr—Glt.     | 1866             | Bic, Que.                    | 37 6  | 14 0 | 5 0  | 13  | Louis Bouchard, M.O., Isle aux Couvres, Que.                               |
| 92339  | Maria Decora          | Quebec             | Schr—Glt.     | 1887             | St. Jean de Chicoutimi, Que. | 54 8  | 17 2 | 7 0  | 37  | C. Savard, St. Fulgence, Que.  |

\*Formerly a steamer. \*Recovered wreck.

†Foreign name "Dredge No. 4." †Formerly a steamer.

‡Formerly "Fundy King." ‡Formerly a steamer.

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless Muni de la T. S. F. — Abbréviations: J.O., joint owners; propriétaires conjoints; M.O., Managing owner; propriétaire gérant.

| Official Number<br>Numéro officiel | Name of Ship<br>Nom du navire | Port of Registry<br>Port d'enregistrement | Rig.<br>Gréement | Build<br>Construction | Where Built<br>Lieu de construction | Length in feet and 10ths.<br>Longueur en pieds et 10 <sup>es</sup> . | Breadth in feet and 10ths.<br>Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths.<br>Profondeur en pieds et 10 <sup>es</sup> . | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|------------------------------------|-------------------------------|---|------------------|-----------------------|-------------------------------------|--|--|---|--|---|
| 88742                              | Maria Stella                  | Quebec                                    | Sloop            | 1883                  | St. Jean, Isle d'Orleans, Quebec    | 40 2   | 15 6   | 4   | 61   | J. Tremblay, Tadoussac, Que.  |
| 116115                             | Maria Stella                  | Quebec                                    | Schr.—Gill       | 1901                  | St. Fulgence, Que.                  | 68 8   | 21 6   | 7 0   | 116  | Theodore Gauthier, Ste. Anne des Monts, Que.  |
| 116236                             | Marian Belle Wolfe            | La Beauce                                 | Schr.—Gill       | 1920                  | St. Jean, N. B.                     | 126 6  | 28 9   | 10 5  | 116  | Frasier Gray, B. G., La Beauce, N. B.   |
| 118251                             | Mariana                       | St. Pierre                                | Schr.—Gill       | 1905                  | St. John, N. B.                     | 62 4   | 20 9   | 6 7   | 33   | Thomas St. Pierre, N. B.  |
| 707770                             | Mario                         | Chatham, N. B.                            | Schr.—Gill       | 1906                  | Shipman, N. B.                      | 40 4   | 13 5   | 5 6   | 15   | Chas. St. Pierre, Shipman, N. B.  |
| 921609                             | Mario                         | Chatham, N. B.                            | Schr.—Gill       | 1876                  | Shipman, N. B.                      | 33 3   | 11 2   | 4 6   | 11   | O. Chasson, St. Stephen, N. B.  |
| 921603                             | Mario                         | Chatham, N. B.                            | Schr.—Gill       | 1876                  | Shipman, N. B.                      | 33 3   | 11 2   | 4 6   | 11   | O. Chasson, St. Stephen, N. B.  |
| 967751                             | Mario                         | Point d'Harvey, N. B.                     | Schr.—Gill       | 1882                  | Grand Abscon, N. B.                 | 50 1   | 16 1   | 5 0   | 25   | Joseph U. Landry, Grand Abscon, N. B.   |
| 1008553                            | Mario                         | Quebec                                    | Schr.—Gill       | 1892                  | Grand Abscon, N. B.                 | 33 3   | 10 9   | 5 0   | 10   | Robt. Jones & Whitman Ltd., Halifax, N. S.  |
| 116330                             | Mario                         | Quebec                                    | Sloop            | 1892                  | Tadoussac, Que.                     | 62 0   | 19 8   | 5 6   | 42   | P. Guérin, Mlle Vachon, Que.  |
| 116330                             | Mario                         | Quebec                                    | Sloop            | 1901                  | St. Jean, N. B.                     | 51 6   | 19 8   | 5 6   | 25   | Edouard Lavoye, Bay St. Paul, Que.  |
| 76827                              | Mario Alice                   | Fredericton, N. S.                        | Schr.—Gill       | 1879                  | Shepherd, N. B.                     | 36 7   | 13 4   | 4 6   | 13   | P. Poitier, Shep. N. B.   |
| 103893                             | Mario Alcanda                 | Quebec                                    | Schr.—Gill       | 1897                  | St. Croix, Que.                     | 70 0   | 21 0   | 5 9   | 53   | Louis Delisle, Ste. Croix, Que.   |
| 102229                             | Mario Alcanda                 | Quebec                                    | Schr.—Gill       | 1897                  | St. Croix, Que.                     | 64 2   | 18 0   | 6 9   | 41   | Levy Y. Guigé, M. O., Cap Châ, Que.   |
| 107236                             | Mario Alphonsine              | Quebec                                    | Schr.—Gill       | 1903                  | St. Michel, Que.                    | 32 8   | 10 5   | 7 2   | 10   | P. Vézina, St. Michel de Bellechasse, Que.  |
| 114931                             | Mario Anna                    | Quebec                                    | Schr.—Gill       | 1903                  | St. Croix, Que.                     | 75 2   | 23 0   | 7 2   | 75   | Joseph Simard, St. André de Kamouraska, Que.  |
| 114921                             | Mario Anna                    | Quebec                                    | Schr.—Gill       | 1901                  | St. Croix, Que.                     | 49 6   | 16 4   | 6 4   | 31   | Chas. Bouchard, Malbec, Que.  |
| 693155                             | Mario Anna                    | Quebec                                    | Schr.—Gill       | 1901                  | St. Croix, Que.                     | 49 6   | 16 4   | 6 4   | 31   | Arthur Bouchard, St. Luc, Que.  |
| 107227                             | Mario Anne                    | Quebec                                    | Schr.—Gill       | 1886                  | Les Roussins, Que.                  | 83 0   | 21 2   | 7 0   | 75   | H. Bilodeau, St. Thomas de Montmaguy, Que.  |
| 103627                             | Mario Anne                    | Quebec                                    | Schr.—Gill       | 1895                  | Les Frenetils, Que.                 | 43 6   | 13 0   | 3 8   | 14   | W. Parry, Chateau Richer, Que.  |
| 92340                              | Mario Anne                    | Quebec                                    | Schr.—Gill       | 1887                  | Cap Châ, Que.                       | 38 5   | 14 0   | 5 1   | 17   | Theo. Minville, St. Thomas de Montmaguy, Que.   |
| 103365                             | Mario Anne                    | Quebec                                    | Schr.—Gill       | 1891                  | St. Croix, Que.                     | 58 8   | 19 8   | 6 6   | 61   | André et Moise Vallee, J. O., Ste. Anne des Monts, Que.                               |
| 116116                             | Mario Antoinette              | Quebec                                    | Schr.—Gill       | 1901                  | St. Fulgence, Que.                  | 90 0   | 23 1   | 7 9   | 108  | F. Boisvert, Ste. Croix, Que.   |
| 131593                             | Mario Berthe                  | Paspébiac                                 | Schr.—Gill       | 1916                  | Rivière du Loup, Que.               | 61 2   | 20 8   | 6 6   | 59   | F. Tremblay, Ste. Siméon, Que.  |
| 92761                              | Mario Berthe                  | Quebec                                    | Schr.—Gill       | 1887                  | Carcouy, Que.                       | 32 6   | 13 2   | 5 0   | 11   | Sinfon Thibault, Sandy Bay, Que.  |
| 116218                             | Mario Blanche                 | Quebec                                    | Schr.—Gill       | 1903                  | Les Etchemens, Que.                 | 47 6   | 16 9   | 5 2   | 21   | Osmine Belanger, Kamouraska, Que.   |
| 103278                             | Mario Celia                   | Chatham, N. B.                            | Schr.—Gill       | 1891                  | Bathurst, N. B.                     | 37 0   | 12 5   | 6 2   | 13   | Theodore Boudreau, Carleton Centre, Que.  |
| 141745                             | Mario Clara                   | Quebec                                    | Schr.—Gill       | 1919                  | Carriquet, N. B.                    | 44 0   | 15 0   | 6 3   | 29   | Firmon Paradis, Carouan, Que.   |
| 133919                             | Mario Delphine                | Chatham, N. B.                            | Schr.—Gill       | 1913                  | Ites aux Coudres, Que.              | 49 0   | 15 7   | 6 8   | 16   | Louis D. Hurdon, Quebec, Que.   |

SESSIONAL PAPER No. 22

| No.    | Name  | Home             | Tonnage | Owner | Agent | Destination                                  | Date | Remarks |
|--------|---|------------------|---------|-------|-------|--|------|---------|
| 103835 | Marie Elise   | Quebec           | 46 2    | 15 0  | 1896  | Isle aux Coudres, Que.                       |      |         |
| 100366 | Marie Elizabeth   | Quebec           | 46 2    | 15 0  | 1881  | St. Fidele, Que.                             |      |         |
| 88315  | Marie Emelie  | Quebec           | 60 0    | 21 7  | 1884  | St. Paul, Que.                               |      |         |
| 107223 | Marie Emma  | Quebec           | 61 0    | 20 2  | 1897  | Bie, Que.                                    |      |         |
| 116716 | Marie Emma  | Quebec           | 68 0    | 22 3  | 1905  | St. Alexis, Que.                             |      |         |
| 11812  | Marie Etolie  | Chatham, N.B.    | 42 0    | 13 7  | 1905  | Caracquet, N.B.                              |      |         |
| 138287 | Marie Georgina  | Chatham, N.B.    | 45 0    | 14 0  | 1917  | Caracquet, N.B.                              |      |         |
| 66079  | Marie Jeanne  | Quebec           | 92 0    | 23 5  | 1873  | Grandines, Que.                              |      |         |
| 103985 | Marie Jeanne  | Quebec           | 49 4    | 15 7  | 1897  | Les Eboulements, Que.                        |      |         |
| 100292 | Marie Joseph  | Chatham, N.B.    | 36 4    | 12 3  | 1891  | Stimpage, N.B.                               |      |         |
| 100452 | Marie Joseph  | Quebec           | 60 6    | 20 6  | 1892  | St. Fulgence, Que.                           |      |         |
| 107195 | Marie Joseph  | Quebec           | 45 0    | 13 8  | 1898  | Nantasham, Que.                              |      |         |
| 116718 | Marie Joseph  | Quebec           | 63 0    | 19 6  | 1905  | La Petite Riviere, St. Francois Xavier, Que. |      |         |
| 133994 | Marie Justine   | Chatham, N.B.    | 44 0    | 14 7  | 1913  | Caracquet, N.B.                              |      |         |
| 107505 | Marie L'Esperance   | Quebec           | 38 4    | 12 9  | 1895  | Isle aux Coudres, Que.                       |      |         |
| 83246  | Marie Laure   | Quebec           | 49 7    | 16 8  | 1881  | Les Eboulements, Que.                        |      |         |
| 134000 | Marie LeBouthillier   | Chatham, N.B.    | 43 0    | 15 0  | 1914  | Caracquet, N.B.                              |      |         |
| 100295 | Marie Louise  | Chatham, N.B.    | 38 0    | 13 3  | 1892  | Caracquet, N.B.                              |      |         |
| 116671 | Marie Louise  | Chatham, N.B.    | 33 0    | 11 7  | 1905  | Caracquet, N.B.                              |      |         |
| 75449  | Marie Louise  | Gaspé            | 40 0    | 11 1  | 1886  | Anticosti, Que.                              |      |         |
| 69584  | Marie Louise  | Quebec           | 45 6    | 15 5  | 1872  | Nantasham, Que.                              |      |         |
| 100457 | Marie Louise  | Quebec           | 52 4    | 18 6  | 1892  | Grandes Bergeronnes, Que.                    |      |         |
| 103611 | Marie Louise  | Quebec           | 44 0    | 14 8  | 1895  | Isle aux Coudres, Que.                       |      |         |
| 107222 | Marie Louise  | Quebec           | 50 6    | 18 6  | 1897  | Bie, Que.                                    |      |         |
| 116720 | Marie Louise  | Quebec           | 49 6    | 15 9  | 1905  | St. Fidele, Que.                             |      |         |
| 107224 | Marie Louise Elida  | Quebec           | 53 2    | 17 0  | 1880  | Isle aux Coudres, Que.                       |      |         |
| 80734  | Marie Louisa  | Quebec           | 49 9    | 15 6  | 1870  | Isle aux Coudres, Que.                       |      |         |
| 103628 | Marie Nelida  | Quebec           | 87 0    | 26 2  | 1918  | Grandes Bergeronnes, Que.                    |      |         |
| 100464 | Marie Olivia  | Quebec           | 39 0    | 12 4  | 1896  | Tadoussac, Que.                              |      |         |
| 114497 | Marie Post  | Quebec           | 32 4    | 12 4  | 1893  | Isle aux Coudres, Que.                       |      |         |
| 137921 | Marie Raquette  | Chatham, N.B.    | 37 0    | 12 5  | 1915  | Francois Xavier, Que.                        |      |         |
| 111626 | Marie Roseanna  | Quebec           | 48 0    | 15 1  | 1901  | Bie St. Paul, Que.                           |      |         |
| 125999 | Marie St. Laurent   | Quebec           | 52 3    | 15 8  | 1908  | Isle aux Coudres, Que.                       |      |         |
| 117150 | Marie Stella  | Halifax          | 59 4    | 16 5  | 1906  | Grand Desert, N.S.                           |      |         |
| 138462 | Marietta No. 1  | Halifax          | 72 0    | 20 0  | 1906  | Lunenburg, N.S.                              |      |         |
| 121862 | Marina  | Saint Sae, Marie | 77 6    | 24 5  | 1906  | Lunenburg, N.S.                              |      |         |
| 138768 | Marina  | Paspébiac        | 77 6    | 24 5  | 1906  | Lunenburg, N.S.                              |      |         |
| 130816 | Marion  | Halifax          | 147 0   | 32 8  | 1919  | Weymouth, N.S.                               |      |         |
| 138839 | Marion Alarins  | Lunenburg        | 106 8   | 26 3  | 1912  | Lunenburg, N.S.                              |      |         |
| 138856 | Marion Elizabeth  | Lunenburg        | 112 9   | 26 3  | 1918  | Lunenburg, N.S.                              |      |         |
| 133899 | Marion G.   | St. John, N.B.   | 43 3    | 13 5  | 1891  | Dever Island, N.B.                           |      |         |
| 138589 | Marion G. Douglas   | La Have          | 166 4   | 36 0  | 1917  | Pox River, N.S.                              |      |         |
| 138560 | Marion L. Brock   | Kingston         | 127 1   | 23 5  | 1863  | Garden Island, Ont.                          |      |         |
| 141748 | Marion L. Mason   | Lunenburg        | 110 4   | 26 2  | 1918  | Chester Basin, N.S.                          |      |         |
| 90852  | Marion L. No. 3   | Quebec           | 139 6   | 33 3  | 1920  | Sorel, Que.                                  |      |         |
| 134296 | Marjorie Phyllis  | Halifax          | 68 2    | 19 8  | 1920  | Pubnico, N.S.                                |      |         |
| 134607 | Marjorie E. Bachman   | Lunenburg        | 109 0   | 26 4  | 1914  | Isle's Harbour, N.S.                         |      |         |
| 133607 | Marjorie Hemigar  | Lunenburg        | 116 1   | 27 0  | 1919  | Chester Basin, N.S.                          |      |         |
| 141008 | Marshall Poeh   | Halifax          | 43 0    | 10 6  | 1913  | Pennant, N.S.                                |      |         |
| 107769 | Martha B.   | Charlottetown    | 134 4   | 35 0  | 1919  | Ways Brook, N.S.                             |      |         |
| 141072 | Martha Parsons  | Windsor, N.S.    | 37 3    | 14 6  | 1912  | Montage, P.E.I.                              |      |         |
|        | Formerly "Boona"  |                  | 158 9   | 38 5  | 1918  | Cheverie, N.S.                               |      |         |
|        | Formerly "Will o' the Wisp."  |                  |         |       |       |  |      |         |
| 19     | N. Harvey, Isle aux Coudres, Que.                                       |                  |         |       |       |  |      |         |
| 23     | Alfred Frénette, St. Luc, Que.  |                  |         |       |       |  |      |         |
| 56     | B. Boudreault, Anse St. Jean, Que.                                      |                  |         |       |       |  |      |         |
| 57     | E. Pincault, Altonouki, Que.  |                  |         |       |       |  |      |         |
| 58     | Hylas Boudreault, Anse St. Jean, Que.                                   |                  |         |       |       |  |      |         |
| 7      | J. A. Doron, Caracquet, N.B.  |                  |         |       |       |  |      |         |
| 22     | Joseph E. Albert, Caracquet, N.B.                                       |                  |         |       |       |  |      |         |
| 128    | J. Tremblay, Murray Bay, Que.   |                  |         |       |       |  |      |         |
| 23     | Gaudius Contombe, St. Thomas de Montmagny, Que.                         |                  |         |       |       |  |      |         |
| 12     | André D. Chasson, Lamer, N.B.   |                  |         |       |       |  |      |         |
| 47     | Symphorien Bernier, Montmagny, Que.                                     |                  |         |       |       |  |      |         |
| 22     | Evariste Tremblay, Isle aux Coudres, Que.                               |                  |         |       |       |  |      |         |
| 41     | Napoleon Sinaud, Sacré Cœur, Que.                                       |                  |         |       |       |  |      |         |
| 24     | Joseph A. Doron, Caracquet, N.B.  |                  |         |       |       |  |      |         |
| 15     | Louis Harvey, Isle aux Coudres, Que.                                    |                  |         |       |       |  |      |         |
| 33     | Alfred Harvey, St. Thomas, Que.   |                  |         |       |       |  |      |         |
| 18     | Edouard LeBouthillier, Caracquet, N.B.                                  |                  |         |       |       |  |      |         |
| 18     | Joseph A. Paulin, Caracquet, N.B.                                       |                  |         |       |       |  |      |         |
| 11     | Charles Chasson, Caracquet, N.B.  |                  |         |       |       |  |      |         |
| 23     | Mrs. Z. Castonguay, Macander, Que.                                      |                  |         |       |       |  |      |         |
| 38     | Alfred Tremblay, Grandes Bergeronnes, Que.                              |                  |         |       |       |  |      |         |
| 39     | Charles Cudlard, Sandy Bay, Que.  |                  |         |       |       |  |      |         |
| 29     | Joseph Gagnon, Juncy Bay, Que.  |                  |         |       |       |  |      |         |
| 31     | Horace Chasson, Juncy Bay, Que.   |                  |         |       |       |  |      |         |
| 116    | Joseph Dumont, L'Isle, Que.   |                  |         |       |       |  |      |         |
| 19     | L. Bouliane, Petites Bergeronnes, Que.                                  |                  |         |       |       |  |      |         |
| 12     | Alex. Blais, Berthier, Que.   |                  |         |       |       |  |      |         |
| 35     | Thomas Tremblay, Les Eboulements, Que.                                  |                  |         |       |       |  |      |         |
| 12     | Xavier Mainvielle, Caracquet, N.B.                                      |                  |         |       |       |  |      |         |
| 26     | Léon Elie, Bie St. Paul, Que.   |                  |         |       |       |  |      |         |
| 31     | Joseph and Marcel Harvey, J. O. Isle aux Coudres, Que.                  |                  |         |       |       |  |      |         |
| 36     | John T. Moulton, Barro, New foundland                                   |                  |         |       |       |  |      |         |
| 86     | Robert G. Stennes, Sault Ste. Marie, Ont.                               |                  |         |       |       |  |      |         |
| 78     | Robin, Jones & Whiting, Ltd., Halifax, N.S.                             |                  |         |       |       |  |      |         |
| 453    | The Schooner "Marine", Limited, Halifax, N.S.                           |                  |         |       |       |  |      |         |
| 99     | Henry Adams, M.O., Lunenburg, N.S.                                      |                  |         |       |       |  |      |         |
| 100    | John Westhaver, M.O., Lunenburg, N.S.                                   |                  |         |       |       |  |      |         |
| 14     | Chas. T. Brown, St. Martins, N.B.                                       |                  |         |       |       |  |      |         |
| 449    | W. Norman Reinhardt, et al., La Have, N.S.                              |                  |         |       |       |  |      |         |
| 298    | John McGibbon, Sarnia, Ont.   |                  |         |       |       |  |      |         |
| 99     | Wm. Duff, M.O., Lunenburg, N.S.   |                  |         |       |       |  |      |         |
| 739    | The Transportation & Shipping Co., Ltd., 99 Dalhousie St., Quebec, Que. |                  |         |       |       |  |      |         |
| 58     | John W. O'Hara, Isaac's Harbour, N.S.                                   |                  |         |       |       |  |      |         |
| 99     | Joshua E. Backman, M.O., Riverport, N.S.                                |                  |         |       |       |  |      |         |
| 108    | Chas. H. Ritecy, et al., Riverport, N.S.                                |                  |         |       |       |  |      |         |
| 11     | Harry W. Nickerson, Pennant, N.S.                                       |                  |         |       |       |  |      |         |
| 251    | Wm. C. Smith, M.O., Lunenburg, N.S.                                     |                  |         |       |       |  |      |         |
| 19     | James Fraser, New Harris, N.S.  |                  |         |       |       |  |      |         |
| 455    | George M. Parsons, et al., Cheverie, N.S.                               |                  |         |       |       |  |      |         |

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless—Muni de la T.S.F.—Abbreviations—Abréviations: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Rig.<br>Gréement. | Build.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|---------------------------------|---|-------------------|------------------------|---------------------------------------|---|---|--|--|---|
| 124772                              | Maryvl.                         | Winnipeg                                    | Barge—Chd.        | 1905                   | The Landing, Man.                     | 120 0   | 26 0  | 8 0  | 225  | The Northern Fish Co., Ltd., Selkirk, Man.  |
| 35522                               | Mary.                           | Arichat                                     | Schr—Glt.         | 1874                   | French Village, N.S.                  | 49 5  | 16 3  | 6 4  | 23   | James Mullins, Glace Bay, N.S.  |
| 111847                              | Mary.                           | Chatham, N.B.                               | Schr—Glt.         | 1902                   | Charquet, N.B.                        | 38 7  | 13 2  | 5 4  | 14   | D. Albert, Caraquet, N.B.   |
| 103314                              | Mary.                           | Port Hawkesbury                             | Schr—Glt.         | 1893                   | Chicoutimi, N.S.                      | 34 0  | 10 6  | 5 0  | 10   | John Boudrot, Eastern Harbour, N.S.   |
| 66066                               | Mary.                           | Quebec                                      | Schr—Glt.         | 1873                   | Murray Bay, Que.                      | 59 5  | 18 0  | 8 0  | 54   | Emile Potvin, St. Alexis, Que.  |
| 112374                              | Mary A.                         | Arichat                                     | Schr—Glt.         | 1900                   | Canso, N.S.                           | 31 0  | 10 0  | 5 9  | 11   | Joseph Feitzsch, White Head, N.S.   |
| 74142                               | Mary A.                         | Sydney, N.S.                                | Schr—Glt.         | 1876                   | Broad Cove, N.S.                      | 60 0  | 19 0  | 7 6  | 45   | Hubert Thériault, North Sydney, N.S.  |
| 112387                              | Mary A.                         | Sydney, N.S.                                | Schr—Glt.         | 1903                   | Ingonish, N.S.                        | 45 5  | 14 1  | 5 5  | 18   | Henry Gibbs, M.O., Halifax, N.S.  |
| 103459                              | Mary Alice                      | Arichat                                     | Schr—Glt.         | 1898                   | West Arichat, N.S.                    | 60 8  | 17 9  | 7 6  | 47   | Abraham Terrio, West Arichat, N.S.  |
| 116345                              | Mary Alice                      | Arichat                                     | Schr—Glt.         | 1903                   | L'Ardoise, N.S.                       | 36 4  | 10 0  | 4 9  | 10   | Patrick E. Sampson, L'Ardoise, N.S.   |
| 71162                               | Mary Ann                        | Dunville                                    | Barge—Chd.        | 1867                   | Stromness, Ont.                       | 78 0  | 23 0  | 8 0  | 57   | Pigeon River Lumber Co., Port Arthur, Ont.  |
| 111479                              | Mary Antania                    | Kingston                                    | Schr—Glt.         | 1874                   | Port Burwell, Ont.                    | 112 0   | 33 0  | 10 5   | 180  | John T. Sowards, Kingston, Ont.   |
| 116476                              | Mary Beatrice                   | Arichat                                     | Schr—Glt.         | 1901                   | River Bourgeois, N.S.                 | 37 0  | 12 4  | 5 3  | 15   | Wm. I. LeViseotte, River Bourgeois, N.S.  |
| 92385                               | Mary Bedford                    | Chatham, N. B.                              | Schr—Glt.         | 1903                   | Tracadie, N.B.                        | 34 0  | 13 0  | 4 6  | 10   | Thomas Savoy, Baetouche, N.B.   |
| 122181                              | Mary Bell                       | Kingston                                    | Barge—Chd.        | 1888                   | Bedford Mills, Ont.                   | 101 0   | 17 5  | 4 6  | 38   | Benjamin Tedd, Bedford Mills, Ont.  |
| 100238                              | Mary Bell                       | Charlottetown                               | Schr—Glt.         | 1906                   | Maritimeque, N.S.                     | 49 0  | 16 8  | 7 0  | 31   | Augustus Aylwood, Charlottetown, P.E.I.   |
| 140935                              | Mary Bonka                      | Halifax                                     | Schr—Glt.         | 1893                   | Harrington Cove, N.S.                 | 32 8  | 11 9  | 5 7  | 10   | J. A. McDonald, Harrington Cove, N.S.   |
| 88114                               | Mary Culmer                     | Halifax                                     | Barge—Chd.        | 1918                   | Yamaska, Que.                         | 108 4   | 23 2  | 7 7  | 142  | Moise Robitoux, Yamaska, Que.   |
| 100380                              | Mary D.                         | Sydney, N.S.                                | Schr—Glt.         | 1884                   | Harbour Island, Bahamas, B.W.I.       | 110 4   | 27 6  | 10 4   | 207  | G. C. Hart, Halifax, N.S.   |
| 88164                               | Mary E.                         | Arichat                                     | Schr—Glt.         | 1893                   | Little Bras d'Or, N.S.                | 36 8  | 16 7  | 6 2  | 27   | Simcon Deveux, Bras d'Or, N.S.  |
| 85664                               | Mary E.                         | Halifax                                     | Schr—Glt.         | 1882                   | Sandy Cove, N.S.                      | 43 1  | 11 2  | 5 2  | 10   | C. W. Rankin, Grandisone, Magdalen Islands, Que.                                      |
| 130935                              | Mary E. Burton                  | Sydney, N.S.                                | Schr—Glt.         | 1880                   | Madison Bay, N.S.                     | 41 6  | 12 6  | 5 6  | 14   | Ira S. Baker, West Dover, N.S.  |
| 117144                              | Mary E. Faulkner                | Halifax                                     | Schr—Glt.         | 1910                   | Aspy Bay, N.S.                        | 56 7  | 18 0  | 6 4  | 47   | Angus Burton, Aspy Bay, N.S.  |
| 138004                              | Mary E. McLachlan               | Port Arthur                                 | Schr—Glt.         | 1905                   | Jeddore, N.S.                         | 42 3  | 12 0  | 6 0  | 14   | Angus Nicholson, North Sydney, N.S.   |
| 130655                              | Mary E. Rive                    | Chatham, N.B.                               | Schr—Glt.         | 1911                   | U.S.A.                                | 261 0   | 41 0  | 21 6   | 1739                                       | The Canadian Towing & Wrecking Co., Ltd., 415 Whalen Bldg., Port Arthur, Ont.         |
| 126300                              | Mary Edna                       | Canso                                       | Schr—Glt.         | 1914                   | Charles Cove, N.S.                    | 41 5  | 14 2  | 6 4  | 21   | Theodore Lantoeigne, Caraquet, N.B.   |
| 122182                              | Mary Elizabeth                  | Arichat                                     | Schr—Glt.         | 1914                   | River Bourgeois, N.S.                 | 35 0  | 11 7  | 6 0  | 15   | Dennis Richard, et al., Charles Cove, N.S.  |
| 77370                               | Mary Elnora                     | St. Andrews                                 | Schr—Glt.         | 1907                   | River Bourgeois, N.S.                 | 34 4  | 12 0  | 4 8  | 11   | Thomas L. Burke, River Bourgeois, N.S.  |
| 141063                              | Mary Emerson                    | Arichat                                     | Schr—Glt.         | 1889                   | Essex, Mass., U.S.A.                  | 36 0  | 13 2  | 5 6  | 13   | Jas. Murphy, Grand Manan, N.B.  |
| 102854                              | Mary Emma                       | Chatham, N.B.                               | Schr—Glt.         | 1894                   | Caraquet, N.B.                        | 41 4  | 12 9  | 5 0  | 13   | Peter Perrier, West Arichat, N.S.   |
| 138637                              | Mary F. Anderson                | Pictou, N.S.                                | Schr—Glt.         | 1920                   | River John, N.S.                      | 36 0  | 12 7  | 4 8  | 11   | Robin Jones & Whitman, Ltd., Halifax, N.S.  |
| 141406                              | Mary G. Duff                    | Lunenburg                                   | Schr—Glt.         | 1919                   | Chester Basin, N.S.                   | 143 0   | 32 5  | 11 6   | 418  | Clarence W. Anderson, M.O., Sherbrooke, N.S.  |
|                                     |                                 |   |                   |                        |                                       |   |   |  | 349  | Mary G. Duff Shlipping Co., Ltd., Lunenburg, N.S.                                     |

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| 140970 | Mary Gaffney         | Montreal         | Barge—Chd. | 1888 | Whitehall, N.Y., U.S.A.      | 96 1  | 17 9 | 7 9  | 120 | Richelieu Transportation Co., Ltd., 137 McGill St., Montreal, Que. |
|--------|----------------------|------------------|------------|------|------------------------------|-------|------|------|-----|--|
| 144411 | Mary H. Hirtle       | Lanenburg        | Schr—Glt.  | 1919 | St. Hilaire, Que.            | 24 2  | 26 8 | 10 6 | 111 | James Hirtle, M.O., Lanenburg, N.S.                                |
| 147099 | Mary J.              | Arlchat          | Schr—Glt.  | 1906 | Lanenburg, N.S.              | 54 8  | 17 1 | 6 7  | 133 | Daniel Ferguson and Allan McAskill, J.O., Fourchu, N.S.            |
| 121803 | Mary J.              | Xarouth          | Sloop      | 1904 | Cape Island, N.S.            | 44 0  | 10 6 | 6 0  | 25  | M. Atwood, Cape Island, N.S.                                       |
| 130995 | Mary J. Margaret     | Chatham, N.B.    | Schr—Glt.  | 1913 | Cararquet, N.B.              | 41 0  | 14 7 | 6 5  | 20  | Robin, Jones & Whitman, Ltd., Halifax, N.S.                        |
| 141509 | Mary J. Wood         | Quebec           | Barge—Chd. | 1902 | Northumberland, N.Y., U.S.A. | 37 3  | 18 3 | 8 8  | 130 | Auger & Son, Ltd., 32 St. Peter St., Quebec, Que.                  |
| 92443  | Mary Jane            | Chatham, N.B.    | Schr—Glt.  | 1888 | Tracadie, N.S.               | 94 5  | 13 0 | 5 4  | 14  | John P. Morais, Cararquet, N.B.                                    |
| 74352  | Mary Joseph          | Pictou, N.S.     | Schr—Glt.  | 1877 | Meromish, N.S.               | 56 1  | 18 1 | 7 4  | 43  | Uriah Matthew, Souris, P.E.I.                                      |
| 92420  | Mary Louise          | Chatham, N.B.    | Schr—Glt.  | 1889 | Pokemouche, N.B.             | 142 0 | 26 3 | 5 2  | 310 | James D. Irving, Buctouche, N.B.                                   |
| 134157 | Mary Lyon            | Montreal         | Barge—Chd. | 1874 | Port Huron, Mich., U.S.A.    | 44 5  | 15 0 | 11 9 | 3   | Alexandre Desrosiers, Lanorite, Que.                               |
| 116881 | Mary M.              | Arlchat          | Schr—Glt.  | 1906 | P. Ardoise, N.S.             | 40 0  | 12 0 | 6 0  | 21  | David Martell, M.O., L'Ardoise, N.S.                               |
| 117053 | Mary M. Bell         | Canso            | Schr—Glt.  | 1904 | Port Felix, N.S.             | 50 0  | 15 0 | 6 0  | 20  | John Belloutaine, Port Felix, N.S.                                 |
| 130994 | Mary M. Florence     | Chatham, N.B.    | Schr—Glt.  | 1913 | Cararquet, N.B.              | 51 0  | 17 0 | 7 0  | 32  | Harry Rive, Cararquet, N.B.  |
| 111437 | Mary M. Romkey       | Quebec           | Schr—Glt.  | 1902 | Smith's Cove, N.S.           | 70 5  | 21 0 | 9 0  | 77  | Thomas Sinaud, Bagotville, Que.                                    |
| 83434  | Mary May             | Shelburne        | Schr—Glt.  | 1886 | Gilberts Cove, N.S.          | 44 0  | 15 6 | 5 8  | 20  | A. J. Firdh, Shelburne, N.S.                                       |
| 116478 | Mary O.              | Chatham, N.B.    | Schr—Glt.  | 1904 | P. Missonette, N.B.          | 34 0  | 11 4 | 4 6  | 11  | Fredrick L. Robelaud, Shippigan, N.B.                              |
| 106957 | Mary Pauline         | La Have          | Schr—Glt.  | 1920 | Shelburne, N.S.              | 124 3 | 26 6 | 10 9 | 122 | Daniel Romkey, M.O., Riverport, N.S.                               |
| 116473 | Mary Rose            | Chatham, N.B.    | Schr—Glt.  | 1883 | Cararquet, N.B.              | 38 1  | 13 1 | 5 0  | 17  | W. S. Loggie Co., Ltd., Chatham, N.B.                              |
| 138649 | Mary Ruth            | Chatham, N.B.    | Schr—Glt.  | 1904 | Cararquet, N.B.              | 42 1  | 26 3 | 11 0 | 104 | Robin, Jones & Whitman, Ltd., Halifax, N.S.                        |
| 112379 | Mary S.              | La Have          | Schr—Glt.  | 1918 | Shelburne, N.S.              | 101 2 | 26 3 | 11 0 | 104 | Harris W. Conrad, et al., Voglers Cove, N.S.                       |
| 112161 | Mary Star            | Arlchat          | Schr—Glt.  | 1903 | P. Ardoise, N.S.             | 41 3  | 13 1 | 5 8  | 18  | Hyacinthe Le Boutellier, Cararquet, N.B.                           |
| 112160 | Mary Star            | Chatham, N.B.    | Schr—Glt.  | 1903 | Cararquet, N.B.              | 39 0  | 13 9 | 5 6  | 15  | L. Fiolet, Cararquet, N.B.   |
| 111350 | Mary Star of the Sea | Chatham, N.B.    | Schr—Glt.  | 1902 | Cararquet, N.B.              | 58 8  | 13 9 | 5 6  | 15  | L. Fiolet, Cararquet, N.B.   |
| 111344 | Mary Star of the Sea | Chatham, N.B.    | Schr—Glt.  | 1900 | Cararquet, N.B.              | 59 6  | 12 9 | 5 4  | 14  | Robin, Jones & Whitman, Ltd., Halifax, N.S.                        |
| 116477 | Mary Star of the Sea | Chatham, N.B.    | Schr—Glt.  | 1915 | Cararquet, N.B.              | 41 0  | 15 5 | 5 9  | 20  | Martin Savoy, Shippigan, N.B.                                      |
| 126295 | Mary W. Catherine    | Canso            | Schr—Glt.  | 1910 | Port Felix, N.S.             | 36 6  | 11 0 | 5 9  | 13  | William Pelrine, M.O., Port Felix, N.S.                            |
| 121839 | Mary W. S.           | Lanenburg        | Schr—Glt.  | 1906 | LaHave, N.S.                 | 74 3  | 22 5 | 8 8  | 74  | Samuel Harris, Grand Bank, Nfld.                                   |
| 121824 | Mary & Hilda         | St. Andrews      | Sloop      | 1906 | Quaco, N.B.                  | 92 0  | 14 6 | 8 8  | 96  | Mrs. Nancy J. Guphill, Grand Manan, N.B.                           |
| 121824 | Matawa               | Lanenburg        | Schr—Glt.  | 1876 | Lanenburg, N.S.              | 92 0  | 24 6 | 8 8  | 96  | William Vining, St. George's, Nfld.                                |
| 90936  | Maud                 | St. John, N.B.   | Schr—Glt.  | 1876 | Yarmouth, N.S.               | 52 0  | 10 5 | 6 2  | 31  | Chas. B. Smith, St. Martin's, Nfld.                                |
| 43451  | Maud Carter          | Charlottetown    | Schr—Glt.  | 1919 | Humber Sound, Nfld.          | 74 9  | 21 9 | 9 4  | 92  | Chas. B. Smith, St. Martin's, Nfld.                                |
| 41780  | Maud Noster          | Sydney, N.S.     | Sloop      | 1912 | North Sydney, N.S.           | 34 9  | 17 7 | 6 4  | 11  | R. J. McNell, Glace Bay, N.S.                                      |
| 41780  | Maud Noster          | Canso            | Schr—Glt.  | 1902 | Canso, N.S.                  | 36 0  | 11 0 | 6 0  | 12  | John W. Spradle, Canso, N.S.                                       |
| 77082  | Maud O.              | Chatham, Ont.    | Schr—Glt.  | 1888 | Georgian Bay, Ont.           | 52 0  | 15 0 | 6 5  | 21  | R. Crooker, Port Rowan, Ont.                                       |
| 94740  | Maud S.              | St. John, N.B.   | Schr—Glt.  | 1888 | Maquapit Lake, N.B.          | 62 0  | 20 5 | 5 4  | 13  | Cape H. Carle, Channing, N.B.                                      |
| 100376 | Maud S.              | Bienbucto        | Schr—Glt.  | 1877 | Cow Bay, N.S.                | 57 0  | 19 8 | 7 3  | 63  | Cape H. Carle, Channing, N.B.                                      |
| 74368  | Maud Weston          | Bienbucto        | Schr—Glt.  | 1889 | St. John's, N.S.             | 46 2  | 15 5 | 6 4  | 20  | William Weston, et al., Richibucto, N.B.                           |
| 92604  | Maudie Ellen         | Digby            | Schr—Glt.  | 1877 | St. John's, N.S.             | 29 3  | 12 8 | 5 5  | 46  | Chas. A. Cropp and Edward J. Brewster, Harvey, N.B.                |
| 107457 | Maudie Ellen         | Lanenburg        | Sloop      | 1900 | Port Felix, N.S.             | 46 2  | 15 5 | 6 4  | 20  | Chas. A. Cropp and Edward J. Brewster, Harvey, N.B.                |
| 129200 | Maudie Ellen         | La Have          | Schr—Glt.  | 1888 | Port Felix, N.S.             | 61 8  | 18 8 | 7 2  | 46  | Chas. H. Ritey, M.O., Riverport, N.S.                              |
| 141390 | Mary B.              | La Have          | Schr—Glt.  | 1888 | Port Felix, N.S.             | 118 5 | 27 6 | 10 4 | 106 | Chas. H. Ritey, M.O., Riverport, N.S.                              |
| 92581  | Mary B.              | La Have          | Schr—Glt.  | 1888 | P. E. Basin, N.S.            | 39 0  | 12 3 | 4 9  | 10  | Robert Vileton, Moncton, P.E.I.                                    |
| 94703  | Mary English         | Richibucto       | Schr—Glt.  | 1900 | Richibucto, N.B.             | 38 0  | 13 0 | 5 4  | 10  | Daniel Vileton, Moncton, P.E.I.                                    |
| 107777 | Mary Flower          | Weghow           | Schr—Glt.  | 1900 | Keegan, N.B.                 | 39 0  | 12 8 | 4 8  | 10  | Daniel Vileton, Moncton, P.E.I.                                    |
| 118286 | Mary Queen           | New Westminister | Sloop      | 1915 | Cher Point, N.S.             | 36 4  | 23 0 | 5 4  | 13  | Oscar Brott, Shippigan, N.B.                                       |
| 107757 | Maryflower           | Chatham, N.B.    | Schr—Glt.  | 1900 | New Westminister, B.C.       | 86 2  | 38 0 | 7 2  | 153 | Samuel Gidney, New Westminister, B.C.                              |
| 103768 | Maryflower           | Chatham, N.B.    | Schr—Glt.  | 1900 | Missoua Harbour, N.B.        | 45 1  | 13 4 | 6 2  | 18  | Joseph Maxwell, Canso, N.S.  |
| 88481  | Maryflower           | Halifax          | Schr—Glt.  | 1884 | Cararquet, N.B.              | 33 0  | 11 6 | 5 0  | 10  | B. J. Williston, Bay du Vin, N.B.                                  |
| 116553 | Maryflower           | Halifax          | Schr—Glt.  | 1905 | Chezzacoak, N.S.             | 30 6  | 12 6 | 5 0  | 13  | Léandre Poulin, Cararquet, N.B.                                    |
| 103177 | Maryflower           | Shelburne        | Schr—Glt.  | 1891 | Lover Harbour, N.S.          | 93 5  | 27 8 | 9 0  | 132 | John Dawson, Inonish, N.S.   |
| 103545 | Maryflower           | Halifax          | Schr—Glt.  | 1891 | Little Harbour, N.S.         | 33 3  | 11 6 | 5 6  | 132 | Daniel Desmond, Parrishoro, N.S.                                   |
| 83315  | Mazarka              | Port Medway      | Sloop      | 1886 | Dartmouth, N.S.              | 76 4  | 23 5 | 6 4  | 36  | A. B. Hamilton, Carleton Village, N.S.                             |
| 103180 | Meda                 | Montreal         | Schr—Glt.  | 1895 | Vogler's Cove, N.S.          | 25 4  | 6 4  | 3 6  | 83  | Dr. A. W. Coeswell, Halifax, N.S.                                  |
|        |                      |                  |            |      | Shelburne, N.S.              | 58 0  | 16 7 | 7 1  | 27  | Charles W. Tremblinc, Montreal, Que.                               |

1 Formerly "Maggo Roach."

2 Formerly Steamer.

3 Recovered wreck.

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.  
 © Equipped with Wireless—Muni de la T.S.F.—Abbréviations—Abréviations: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Reg.<br>Général. | Built.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|---------------------------------|---|------------------|------------------------|---------------------------------------|---|---|--|--|---|
| 130997                              | Medaille d'Or.....              | Chatham, N.B.                               | Schr—Glt.        | 1913                   | Carriquet, N.B.                       | 11 0  | 14 0  | 6 5  | 21   | Edward Lantreign, Carriquet, N.B.   |
| 74550                               | Mélanope.....                   | Vancouver                                   | Barge—Clud.      | 1876                   | Liverpool, G.B.                       | 258 2   | 40 2  | 23 8   | 1561                                       | Canadian Pacific Ry. Co., Montreal, Que.  |
| 100574                              | McRose.....                     | Barrington                                  | Schr—Glt.        | 1898                   | La Have, N.S.                         | 63 2  | 21 9  | 9 0  | 71   | Clarence Kennedy, Pugwash, N.S.   |
| 106356                              | Mcrose.....                     | Montreal                                    | Schr—Glt.        | 1895                   | Kingston, Ont.                        | 133 6   | 35 5  | 14 0   | 740  | The Sincennes-McNaughton Ligne Ltd., 75 Common St., Montreal, Que.                    |
| 140964                              | Malvin S. Bacon.....            | Montreal                                    | Schr—Glt.        | 1871                   | Vermillion, Ohio, U.S.A.              | 185 7   | 33 1  | 14 1   | 714  | Montreal Transportation Co., Limited, 286 St. James St., Montreal, Que.               |
| 122614                              | Menesciang.....                 | Godorich.                                   | Dredge-Dredge    | 1913                   | Godorich, Ont.                        | 73 0  | 27 0  | 7 0  | 205  | Wm. L. Forrest, Godorich, Ont.  |
| 135238                              | Menonmeuc.....                  | Montreal                                    | Sloop.           | 1883                   | Milwaukee, Wis., U.S.A.               | 107 3   | 33 0  | 11 4   | 576  | The Sincennes McNaughton Line, Limited, 75 Common St., Montreal, Que.                 |
| 138179                              | Mercedith A. White.....         | Parrsboro.                                  | Schr—Glt.        | 1917                   | Sorel, Que.                           | 163 4   | 35 5  | 12 5   | 453  | Adam B. Macleay, M.O., Hamilton, Ont.   |
| 100779                              | Merrmaid.....                   | Chatham, N.B.                               | Schr—Glt.        | 1893                   | Carriquet, N.B.                       | 31 7  | 13 1  | 4 5  | 11   | W. S. Loggie Co., Ltd., Chatham, N.B.   |
| 111465                              | Merrmaid.....                   | Chatham, N.B.                               | Schr—Glt.        | 1900                   | Petit Rochet, N.B.                    | 55 8  | 12 3  | 4 5  | 12   | Thomas DesBrisay, Petit Rochet, N.B.  |
| 111797                              | Merrmaid.....                   | St. John's, N.B.                            | Schr—Glt.        | 1902                   | Chatham, N.S.                         | 35 6  | 11 4  | 3 3  | 13   | Symonds Harris, Chatham, N.S.   |
| 119112                              | Merrmaid.....                   | St. Catharines                              | Sloop—Clud.      | 1893                   | Chippewa, Ont.                        | 38 0  | 7 5   | 5 0  | 9  | Robert Sutton, Cayuga, Ont.   |
| 102494                              | Merry Christmas.....            | Chatham, N.B.                               | Schr—Glt.        | 1903                   | Little Lamok, N.B.                    | 35 0  | 13 5  | 5 0  | 13   | Robert Jean, Little Lamok, N.B.   |
| 32317                               | Merry thought.....              | Toronto.                                    | Sloop.           | 1885                   | Oakville, Ont.                        | 36 0  | 23 4  | 9 0  | 36   | E. G. Stanton, Toronto, Ont.  |
| 32317                               | Mercy.....                      | Quebec.                                     | Barge—Clud.      | 1888                   | Pointe Lévis, Que.                    | 109 0   | 23 4  | 5 8  | 36   | John Barstall, Quebec, Que.   |
| 114552                              | Messenger.....                  | Arichat.                                    | Schr—Glt.        | 1861                   | Chatham, N.B.                         | 38 8  | 15 8  | 6 3  | 12   | Cyprien Barke, Rivier Bourgeois, N.S.   |
| 109292                              | Messongier.....                 | St. John, N.B.                              | Sloop.           | 1897                   | Grand Manan, N.B.                     | 59 8  | 12 8  | 5 1  | 30   | Turner Ingersoll, Grand Manan, N.B.   |
| 130028                              | Michael J. Haney.....           | Montreal                                    | Sloop.           | 1912                   | Peor Island, N.B.                     | 40 5  | 28 2  | 6 7  | 213  | Sylvester R. Vail, North Head, Grand Manan, N.B.                                      |
| 63088                               | Mikigan.....                    | Quebec.                                     | Sloop—Clud.      | 1912                   | Montreal, Que.                        | 122 3   | 31 5  | 3 3  | 246  | The Minister of Public Works, Ottawa, Ont.  |
| 100700                              | Mikado.....                     | Chatham, N.B.                               | Barge—Clud.      | 1892                   | Carriquet, N.B.                       | 35 1  | 12 5  | 3 0  | 132  | Dickson Anderson, Montreal, Que.  |
| 130514                              | Milford Adams.....              | Lambert                                     | Schr—Glt.        | 1917                   | Maloune Bay, N.S.                     | 44 2  | 17 0  | 11 3   | 132  | Robin, Jones & Whitman, Ltd., Halifax, N.S.   |
| 130650                              | Milfred Plaire.....             | Chatham, N.B.                               | Schr—Glt.        | 1902                   | Lamok, N.B.                           | 41 2  | 17 0  | 7 3  | 132  | Henry W. Adams, M.O., Lamenburg, N.S.   |
| 121096                              | Milfred G. Myers.....           | La Have.                                    | Schr—Glt.        | 1906                   | Gloucester, N.S.                      | 66 3  | 20 0  | 6 5  | 252  | Robin Jones & Whitman, Ltd., Halifax, N.S.  |
| 114831                              | Mildred V.....                  | Daguerre.                                   | Schr—Glt.        | 1903                   | Granville, N.S.                       | 45 6  | 16 8  | 6 5  | 55   | George W. Zwickler, et al., La Have, N.S.   |
| 121865                              | Mildre Louise.....              | Halifax.                                    | Schr—Glt.        | 1906                   | Maloune Bay, N.S.                     | 45 6  | 21 0  | 6 5  | 55   | Fredrick Ogilvie, Parrsboro, N.S.   |
| 100153                              | Milo.....                       | Halifax.                                    | Schr—Glt.        | 1891                   | Ladougue, N.S.                        | 81 1  | 21 0  | 8 3  | 60   | Stephen Flander, North Sydney, N.S.   |
| 106736                              | Milo.....                       | Halifax.                                    | Schr—Glt.        | 1901                   | Ladougue, N.S.                        | 81 1  | 21 0  | 8 3  | 60   | Simon Henry, Ladfax, N.S.   |
| 130421                              | Miriam Davis.....               | St. Andrews.                                | Schr—Glt.        | 1876                   | Bristol Me., U.S.A.                   | 28 2  | 16 1  | 6 2  | 23   | W. A. A. Newell, Fort Daniel, E. Que.   |
| 138427                              | Mina Nadeau.....                | Paspobate.                                  | Schr—Glt.        | 1920                   | Port Daniel, Que.                     | 120 0   | 32 0  | 11 0   | 316  | Chas. H. Newell, Fort Daniel, E. Que. and Colin C. Fryer, Ladfax, N.S., J.O.          |
| 141022                              | Minas Emperor.....              | Parrsboro.                                  | Schr—Glt.        | .....                  | U.S.A.                                | 48 0  | 23 5  | 4 6  | 89   | Abram W. McCutley, Port Groville, N.S.  |

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| 141167 | Minas King.      | Schr—Glt.      | Parrishoro          | 1918 | 154 2 | 36 0 | 12 8 | 470 | Burpee L. Tucker, M.O., Parrishoro, N.S.                  |
|--------|------------------|----------------|---------------------|------|-------|------|------|-----|---|
| 141263 | Minas Prince.    | Schr—Glt.      | Parrishoro          | 1919 | 149 5 | 35 8 | 13 0 | 457 | Hugh Gillespie, M.O., Parrishoro, N.S.                    |
| 126555 | Minion No. 1.    | Schr—Glt.      | Parrishoro          | 1899 | 152 5 | 35 8 | 12 7 | 465 | Jos. N. Pugsley, <i>et al.</i> , Parrishoro, N.S.         |
| 100224 | Minnie.          | Schr—Glt.      | Charlottetown       | 1892 | 100 8 | 26 2 | 7 5  | 177 | Wm. Fraser, Montreal, Que.                                |
| 70628  | Minnie.          | Sloop.         | Charlottetown       | 1878 | 85 6  | 24 2 | 10 6 | 176 | William Tremblin, St. Peters, N.S.                        |
| 111907 | Minnie A.        | Barge—Chd.     | Ottawa              | 1872 | 40 0  | 11 9 | 4 8  | 17  | R. J. Wilson, Gannaque, Ont.                              |
| 75576  | Minnie A.        | Schr—Glt.      | Arichat             | 1893 | 95 5  | 20 3 | 5 8  | 109 | John Eligh and Peter Eligh, J.O., Beckett's Landing, Ont. |
| 107375 | Minnie B.        | Schr—Glt.      | Pictou, N.S.        | 1877 | 66 0  | 18 4 | 7 4  | 46  | Thos. H. Poole, North Sydney, N.S.                        |
| 96935  | Minnie Bell.     | Schr—Glt.      | Sydney, N.S.        | 1901 | 61 8  | 20 0 | 7 7  | 46  | Wm. Langille, Bruce Shore, N.S.                           |
| 85533  | Minnie C.        | Schr—Glt.      | Charlottetown       | 1900 | 38 7  | 11 6 | 5 1  | 10  | James H. Brewer, Ingonish, N.S.                           |
| 90682  | Minnie D.        | Schr—Glt.      | Digby               | 1883 | 49 5  | 17 1 | 6 0  | 36  | David M. Jackson, Tidnish, N.S.                           |
| 141754 | Minnie E. Orton. | Schr—Glt.      | Halifax             | 1886 | 39 0  | 12 4 | 5 0  | 12  | Stephen Haynes, Digby, N.S.                               |
| 107438 | Minnie F.        | Barge—Chd.     | St. Andrews         | 1884 | 73 0  | 21 7 | 8 8  | 76  | Theodore Keeping, Channel, Nfld.                          |
| 88577  | Minnie Francis.  | Sloop.         | St. Andrews         | 1895 | 178 6 | 30 8 | 10 2 | 424 | T. Ramser Enderby, Montreal, Que.                         |
| 107434 | Minnie G.        | Sloop.         | St. Andrews         | 1895 | 29 0  | 11 5 | 5 0  | 11  | Chester Frankland, Grand Manan, N.B.                      |
| 88466  | Minnie H.        | Schr—Glt.      | Arichat             | 1886 | 101 0 | 22 8 | 5 0  | 89  | G. B. Magee, Merricksville, Ont.                          |
| 112922 | Minnie I.        | Schr—Glt.      | Arichat             | 1903 | 30 3  | 12 2 | 4 7  | 13  | Owen Green, Grand Manan, N.B.                             |
| 111904 | Minnie L.        | Schr—Glt.      | Arichat             | 1903 | 30 3  | 12 2 | 4 7  | 10  | P. Munro, White Head, N.S.                                |
| 83104  | Minnie Laura     | Schr—Glt.      | Charlottetown       | 1900 | 39 2  | 11 3 | 5 9  | 14  | James W. Feltmate, Whitehaven, N.S.                       |
| 122112 | Minnie Long.     | Schr—Glt.      | Richibucto          | 1890 | 30 0  | 15 9 | 6 8  | 31  | Elias Bois, Petit de Grat, N.S.                           |
| 90206  | Minnie Mack.     | Schr—Glt.      | Sydney, N.S.        | 1896 | 43 1  | 14 3 | 5 8  | 20  | Reuben W. Penney, Murray Harbour South, P.E.I.            |
| 85589  | Minnie Maud.     | Schr—Glt.      | Gaspé               | 1893 | 38 2  | 10 9 | 4 1  | 7   | T. J. Pendergast, Sydney, N.S.                            |
| 100446 | Minnie May.      | Schr—Glt.      | Canso               | 1897 | 35 8  | 12 5 | 5 6  | 15  | Arthur Buchanan, St. Ann's, N.S.                          |
| 116536 | Minnie May.      | Schr—Glt.      | Gaspé               | 1896 | 34 9  | 12 5 | 5 6  | 85  | Ernest Simmons, Harbor Grace, Nfld.                       |
| 61578  | Minnie T.        | Schr—Glt.      | Sackville           | 1875 | 33 7  | 12 4 | 5 2  | 12  | Wm. L. Dart, Sandy Cove, N.S.                             |
| 42223  | Minola.          | Sloop.         | Barrington Passage. | 1905 | 49 3  | 16 1 | 7 2  | 29  | C. L. Kennedy, Douglastown, Que.                          |
| 111574 | Minota.          | Sloop.         | Toronto             | 1899 | 90 8  | 24 3 | 8 8  | 89  | C. Tromholm, Port Elgin, N.B.                             |
| 109450 | Minto.           | Schr—Glt.      | Canso               | 1899 | 32 0  | 11 4 | 5 3  | 13  | Job E. Nickerson and Thomas Penney, Clark's Harbour, N.S. |
| 107781 | Mira L. Smith    | Schr—Glt.      | St. John, N.B.      | 1899 | 42 2  | 13 7 | 6 9  | 18  | G. H. Attkin, Chicago, Ill., U.S.A.                       |
| 121905 | Miramichi No. 2. | Sloop.         | Barrington Passage. | 1899 | 63 0  | 20 0 | 5 0  | 49  | F. A. Peters, <i>et al.</i> , St. John, N.B.              |
| 126352 | Miramichi No. 4. | Sloop.         | Charlottetown       | 1902 | 30 0  | 12 1 | 5 2  | 14  | Angus Atwood, Barrington, N.S.                            |
| 100873 | Miriam P.        | Schr—Glt.      | St. John, N.B.      | 1893 | 81 2  | 26 0 | 7 5  | 156 | Thomas C. Simpson, Westmount, Que.                        |
| 63770  | Miriam G.        | Schr—Glt.      | Liverpool           | 1892 | 73 2  | 27 0 | 6 3  | 79  | Domination Barging Co., Ltd., Laehine, Que.               |
| 133430 | Miscou Belle     | Barge—Bksell.  | Sydney, N.S.        | 1874 | 36 4  | 11 9 | 5 7  | 11  | J. E. Moore, St. John, N.B.                               |
| 134004 | Mizonette.       | Schr—Glt.      | Chartham, N.B.      | 1912 | 102 2 | 22 5 | 11 9 | 139 | Smith C. Craig, <i>et al.</i> , Sable River, N.S.         |
| 106336 | Mizpah.          | Schr—Glt.      | Chartham, N.B.      | 1915 | 35 0  | 14 2 | 4 8  | 10  | Mrs. Miriam S. Cruickshank, Sydney, N.S.                  |
| 130969 | Model A.         | Schr—Glt.      | Digby               | 1884 | 36 5  | 13 3 | 6 5  | 21  | Joseph N. Le Bouthillier, Caraquet, N.B.                  |
| 110855 | Mollie           | Schr—Glt.      | Port Hawkesbury.    | 1899 | 48 0  | 14 2 | 6 5  | 10  | Robbin, Jones & Whitman, Ltd., Halifax, N.S.              |
| 130427 | Mona.            | Schr—Glt.      | St. Andrews         | 1905 | 32 0  | 11 0 | 5 0  | 53  | Prospero Boudreau, Caraquet, N.B.                         |
| 110674 | Mona.            | Schr—Glt.      | Charlottetown       | 1901 | 35 8  | 11 6 | 5 0  | 10  | George Le Brun, Chebamep, N.S.                            |
| 134002 | Mona Jusa.       | Schr—Glt.      | Charlottetown       | 1901 | 52 4  | 16 1 | 8 3  | 55  | Jno. J. Whiteley, Bonne Esperance, Que.                   |
| 141389 | Mona Marie       | Schr—Glt.      | Chartham, N.B.      | 1914 | 39 5  | 13 8 | 5 2  | 87  | Joseph E. Gaskill, Grand Manan, N.B.                      |
| 110908 | Monarch.         | Schr—Glt.      | Midland             | 1920 | 39 5  | 13 8 | 5 2  | 87  | Philip Lalce, Fortune, Nfld.                              |
| 134651 | Monarchy.        | Dredge—Drague. | Lanenburg           | 1916 | 126 6 | 26 6 | 10 3 | 115 | Joseph E. Le Bouthillier, Caraquet, N.B.                  |

Formerly "Winnetai."

Formerly "L. P. Churchill."

Formerly "Dawn" and Foreign name "Francis Rena."

The Minister of Marine and Fisheries, Ottawa, Ont.

ALPHABETICAL List of Sailing Vessels on Registry Books in Canada, December 31, 1920.

Liste ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

Ⓔ Equipped with Wireless—Muni de la T.S.F.—Abbreviations—Abréviations: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel | Name of Ship<br>Nom du navire | Port of Registry<br>Port d'enregistrement | Rig.<br>Gréement | Tonnage<br>Tonnage | Where Built<br>Lieu de construction | Length in feet and 10ths<br>Longueur en pieds et 10 <sup>es</sup> | Breadth in feet and 10ths<br>Largeur en pieds et 10 <sup>es</sup> | Depth in feet and 10ths<br>Profondeur en pieds et 10 <sup>es</sup> | Registered Tonnage<br>Tonnage enregistré | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|------------------------------------|-------------------------------|---|------------------|--------------------|-------------------------------------|---|---|--|--|---|
| 107998                             | Money Bush                    | Canso                                     | Schr—Glt.        | 15                 | Port Felix, N.S.                    | 40 0  | 13 4  | 6 9  | 15                                       | Thomas Richard, Port Felix, N.S.  |
| 107688                             | Mons Mcg.                     | Kingston                                  | Drill boat.      | 291                | Orleansburg, N.Y., U.S.A.           | 105 0   | 31 0  | 9 4  | 291                                      | Robert Weddell, Trenton, Ont.   |
| 100361                             | Montaigne                     | Quebec                                    | Sloop            | 5 4                | Isle aux Coudres, Que.              | 37 4  | 14 2  | 5 4  | 17                                       | Jacob Mailloix, Isle aux Coudres, Que.  |
| 121665                             | Montaignis                    | Quebec                                    | Sloop            | 5 4                | Isle aux Coudres, Que.              | 32 8  | 14 9  | 4 6  | 13                                       | Emilien P. Bernier, Isle aux Coudres, Que.  |
| 135747                             | Montclair                     | Yarmouth                                  | Schr—Glt.        | 419                | Yarmouth, N.S.                      | 112 1   | 33 6  | 13 0   | 419                                      | Montclair Shipping Co., Ltd., St. John's, Nfld.                                       |
| 103979                             | Montmorency                   | Quebec                                    | Schr—Glt.        | 6 0                | Quebec, Que.                        | 68 0  | 24 4  | 6 0  | 51                                       | Edgard Tremblay, Anco St. Jean, Que.  |
| .....                              | Montreal                      | Montreal                                  | Barge—Clid.      | 337                | Montreal, Que.                      | 143 0   | 33 3  | 9 7  | 337                                      | Montreal Transportation Co., Ltd., 286 St. James St., Montreal, Que.                  |
| 103630                             | Moolhawk                      | Quebec                                    | Sloop            | 37 6               | Les Ecurieuls, Que.                 | 80 0  | 33 6  | 5 0  | 16                                       | Leson Langlois, Les Ecurieuls, Que.   |
| 126443                             | Moose                         | Kenora                                    | Dredge—Drugue    | 81 5               | Keewatin, Ont.                      | 81 5  | 30 0  | 5 0  | 233                                      | Itany River Dredging Co., Ltd., Fort William, Ont.                                    |
| 82283                              | Moravia                       | Kingston                                  | Schr—Glt.        | 100 4              | Kingston, Ont.                      | 39 0  | 18 7  | 5 0  | 53                                       | S. H. Pippin, Belleville, Ont.  |
| 107656                             | Moravia                       | Gaspé                                     | Schr—Glt.        | 39 0               | La Have, N.S.                       | 100 4   | 25 6  | 10 0   | 99                                       | Arnold Eastonbury, Charlottetown, P.E.I.  |
| 90689                              | Morning                       | Charlottetown                             | Schr—Glt.        | 36 6               | Georgetown, P.E.I.                  | 32 3  | 13 2  | 5 1  | 16                                       | Edward D. Delory, Georgetown, P.E.I.  |
| 103547                             | Morning Glory                 | Halifax                                   | Schr—Glt.        | 45 6               | Ship Harbour, N.S.                  | 35 6  | 13 0  | 2 4  | 11                                       | W. E. Murphy, Ship Harbour, N.S.  |
| 74065                              | Morning Light                 | Windsor, Ont.                             | Sloop            | 32 2               | Anderson, Ont.                      | 45 6  | 13 0  | 2 4  | 11                                       | H. I. Straker, Sturwbury, Ont.  |
| 86669                              | Morning Star                  | Chatham, N.B.                             | Schr—Glt.        | 35 6               | Pokemouche, N.B.                    | 32 2  | 11 4  | 4 5  | 12                                       | Castave Gomer, Pokemouche, N.B.   |
| 117188                             | Morning Star                  | Chatham, N.B.                             | Schr—Glt.        | 34 8               | Shippagan Island, N.B.              | 35 6  | 12 3  | 5 6  | 14                                       | Roman Nod (son of Jacques), Shippagan Island, N.B.                                    |
| 83100                              | Morning Star                  | Port Hawkesbury                           | Schr—Glt.        | 33 0               | Port Royal, N.S.                    | 34 8  | 12 2  | 5 2  | 13                                       | Mathew Maddox, Grandigne, N.S.  |
| 103839                             | Move                          | Quebec                                    | Schr—Glt.        | 108 6              | Chateau Richer, Que.                | 33 0  | 11 8  | 4 6  | 91                                       | H. Caron, Chateau Richer, Que.  |
| 133822                             | Mowen                         | Lunenburg                                 | Schr—Glt.        | 24 4               | West La Have, N.S.                  | 24 4  | 9 1   | 3 8  | 4  | E. A. Wheelpley, Fairville, N.B.  |
| 107538                             | Mowgl.                        | St. John, N.B.                            | Sloop            | 26 0               | Yarmouth, N.S.                      | 26 0  | 9 8   | 3 8  | 5  | George E. Marler, Montreal, Que.  |
| 100719                             | Mudine                        | Montreal                                  | Sloop            | 90 0               | Brooklyn, N.Y., U.S.A.              | 90 0  | 30 0  | 6 0  | 139                                      | The Minister of Public Works, Ottawa, Ont.  |
| 106831                             | Mudlak                        | Victoria                                  | Barge—Clid       | 40 0               | Victoria, B.C.                      | 40 0  | 16 0  | 4 4  | 23                                       | The E. B. Taddy Company, Ltd., Hull, Que.   |
| 116668                             | Mudport Scow                  | Ottawa                                    | Barge—Clid       | 49 1               | Hull, Que.                          | 49 1  | 15 3  | 5 5  | 50                                       | John D. Gilmore, Quebec, Que.   |
| 85760                              | Muriel                        | Quebec                                    | Yawl—Yole        | 106 8              | St. Laurent, Que.                   | 106 8   | 26 0  | 10 4   | 100                                      | James T. White, Murray Harbour, P.E.I.  |
| 107985                             | Muriel G.                     | Shelburne                                 | Schr—Glt.        | 41 6               | Stable River, N.S.                  | 41 6  | 13 0  | 6 6  | 21                                       | Freeman Anderson, M.O., Lunenburg, N.S.   |
| 130733                             | Muriel G.                     | Lunenburg                                 | Schr—Glt.        | 163 8              | Lunenburg, N.S.                     | 163 8   | 20 1  | 10 2   | 100                                      | Alfred Munroe, White Haven, N.S.  |
| 117051                             | Muriel G.                     | Canso                                     | Schr—Glt.        | 39 0               | White Haven, N.S.                   | 39 0  | 17 7  | 7 1  | 43                                       | Shas. F. Steer, St. John's, Nfld.   |
| 122007                             | Murray B.                     | Lunenburg                                 | Schr—Glt.        | 89 0               | Margaretsville, N.S.                | 89 0  | 20 7  | 8 0  | 21                                       | Thurlo Munroe, Ganning, N.S.  |
| 107298                             | Murray B.                     | Lunenburg                                 | Schr—Glt.        | 45 0               | White Haven, N.S.                   | 45 0  | 14 8  | 8 9  | 43                                       | Thurlo Munroe, White Haven, N.S.  |
| 126296                             | Murray R. Munroe              | Annapolis Royal                           | Schr—Glt.        | 149 0              | White Haven, N.S.                   | 149 0   | 30 0  | 11 0   | 482                                      | The Atlas Sand Co., Ltd., 17 Common St., Montreal, Que.                               |
| .....                              | Muskoka                       | Montreal                                  | Schr—Glt.        | 1884               | Port Medway, N.S.                   | 1884  | 23 5  | 8 0  | 93                                       | Wm. T. Eastman, et al., North Stoney, N.S.  |
| 83310                              | Myosotis                      | Arichat                                   | Schr—Glt.        | 40 0               | Lockeport, N.S.                     | 40 0  | 13 0  | 8 0  | 17                                       | James A. Richardson, et al., Port Shoreham, N.S.                                      |
| 100660                             | Myra Louise                   | Lunenburg                                 | Schr—Glt.        | 853                | Lockeport, N.S.                     | 853   | 23 5  | 8 0  | 93                                       | James A. Richardson, et al., Port Shoreham, N.S.                                      |



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| 111668 | Myrtle              | Montreal           | Barge—Chd.    | 1892 | Charlottenagne, Que.      | 96 4  | 26 4 | 5 3  | 92   | The Charlemaigne & Lac Oursseau Lumber Co., Ltd., Montreal, Que.      |
|--------|---------------------|--------------------|---------------|------|---------------------------|-------|------|------|------|---|
| 107801 | Myrtle              | St. John, N.B.     | Sloop—Glt.    | 1898 | St. John, N.B.            | 26 5  | 8 4  | 3 0  | 5    | Edward N. Harrington, St. John, N.B.                                  |
| 126873 | Myrtle L.           | Digby              | Schr—Glt.     | 1910 | Hillsburn, N.S.           | 63 2  | 18 0 | 8 8  | 47   | J. B. Butler and Wm. Forsey, Grand Bank, Nfld.                        |
| 116687 | Myrtle Mae.         | Charlottetown      | Schr—Glt.     | 1865 | Bath, Me., U.S.A.         | 47 8  | 14 7 | 5 5  | 22   | Benjamin Compton, Belle River, P.E.I.                                 |
| 84876  | Myrtle Piercy       | Liverpool          | Schr—Glt.     | 1913 | Port Elgin, N.B.          | 104 7 | 26 7 | 10 2 | 149  | Samuel Piercy, Grand Bank, Nfld.                                      |
| 100225 | Myrtle Purdy        | St. John, N.B.     | Schr—Glt.     | 1934 | Cherbourg, N.S.           | 77 3  | 24 5 | 7 0  | 85   | Willard Wilbur, New Haven, N.B.                                       |
| 116897 | Myrtle S.           | Yarmouth           | Sloop         | 1904 | Saintord, N.S.            | 35 0  | 12 0 | 6 0  | 12   | Alexander Shaw, Saintord, N.S.  |
| 131168 | N. A. F.            | Lunenburg          | Schr—Glt.     | 1912 | Tancook, N.S.             | 48 0  | 13 5 | 7 0  | 21   | John Kennedy, Canso, N.S.   |
| 138123 | N. C. P. No. 1.     | New Westminster    | Barge—Chd.    | 1915 | Steveston, B.C.           | 41 0  | 29 0 | 3 0  | 22   | The Namaino Cammors & Packers, Limited, Brechin Rd., Nanaimo, B.C.    |
| 138124 | N. C. P. No. 2.     | New Westminster    | Barge—Chd.    | 1915 | Steveston, B.C.           | 40 0  | 14 0 | 3 0  | 13   | The Namaino Cammors & Packers, Limited, Brechin Rd., Nanaimo, B.C.    |
| 134651 | N. C. & P. No. 3.   | Victoria           | Barge—Chd.    | 1917 | Nanaimo, B.C.             | 60 0  | 16 0 | 4 2  | 33   | The Namaino Cammors & Packers, Limited, Brechin Rd., Nanaimo, B.C.    |
| 134652 | N. C. & P. No. 4.   | Victoria           | Barge—Chd.    | 1917 | Nanaimo, B.C.             | 60 0  | 16 0 | 4 2  | 33   | The Namaino Cammors & Packers, Limited, Brechin Rd., Nanaimo, B.C.    |
| 149943 | N. C. & P. No. 5.   | Victoria           | Barge—Chd.    | 1913 | Nanaimo, B.C.             | 64 7  | 22 1 | 5 7  | 67   | Alfred Bradford, Nanaimo, B.C.  |
| 126163 | N. G.               | Montreal           | Sloop         | 1908 | St. Michel, Que.          | 110 3 | 23 1 | 7 0  | 143  | Regis Joly, Trois Rivières, Que.                                      |
| 134182 | N. G. & C., No. 3.  | St. John, N.B.     | Dredge—Drague | 1894 | Port Arthur, N.J., U.S.A. | 129 6 | 55 3 | 8 6  | 1088 | North Griffiths & Co., Ltd., Montreal, Que.                           |
| 75627  | N. W. White         | Quebec             | Schr—Glt.     | 1878 | Fort Albany, N.S.         | 79 8  | 22 5 | 8 5  | 90   | Eastern Canada Fisheries, Ltd., 128-9 Coristine Bldg., Montreal, Que. |
| 133947 | Naden               | Ottawa             | Schr—Glt.     | 1913 | Riv. St. F. B., Que.      | 80 0  | 20 1 | 8 6  | 88   | The Minister of the Naval Service, Ottawa, Ont.                       |
| 107651 | Nadine              | Montreal           | Barge—Chd.    | 1899 | Vancouver, B.C.           | 166 0 | 29 8 | 12 6 | 484  | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.       |
| 138765 | Nanara              | La Have            | Schr—Glt.     | 1919 | Musquodouit, N.S.         | 108 2 | 25 7 | 9 6  | 99   | Farquhar & Co., Limited, et al., Halifax, N.S.                        |
| 134341 | Nap                 | Montreal           | Schr—Chd.     | 1911 | Montreal, Que.            | 110 3 | 28 2 | 7 2  | 174  | The Minister of Public Works, Ottawa, Ont.                            |
| 138797 | Nap Trudel          | Quebec             | Dredge—Drague | 1911 | St. Francis, Que.         | 52 2  | 25 2 | 3 5  | 40   | Nap. Trudel, St. Francis, Que.  |
| 62596  | Napoleon            | Montreal           | Barge—Chd.    | 1866 | Gentilly, Que.            | 90 8  | 23 1 | 5 9  | 83   | Octave Leclure, St. Jean, Que.  |
| 12937  | Nardisquin          | Quebec             | Barge—Chd.    | 1870 | Sandford, G.B.            | 198 7 | 27 3 | 15 5 | 620  | William Q. Stobbs, Quebec, Que.                                       |
| 130157 | Nardisquin          | Quebec             | Schr—Glt.     | 1909 | Allandale, N.S.           | 53 2  | 16 4 | 6 5  | 28   | Raymond N. D'Entremont, West Pubnico, N.S.                            |
| 146944 | Narise              | St. John, N.B.     | Schr—Glt.     | 1915 | East Nashish, Ont.        | 30 0  | 25 8 | 5 7  | 146  | Geo. W. Goodwin, Sault Ste. Marie, Ont.                               |
| 107627 | Narise              | Charlottetown      | Dredge—Drague | 1908 | Sorel, Que.               | 79 3  | 13 7 | 5 4  | 18   | Lyon Copen, Montreal, Que.  |
| 149238 | Narise              | Charlottetown      | Schr—Glt.     | 1920 | Cardigan, P.E.I.          | 45 7  | 21 0 | 8 2  | 59   | Neil McLeod, Mitchell River, P.E.I.                                   |
| 107627 | Narise              | Charlottetown      | Schr—Glt.     | 1920 | Cardigan, P.E.I.          | 45 7  | 21 0 | 8 2  | 59   | Neil McLeod, Mitchell River, P.E.I.                                   |
| 119258 | Narise D.           | Weymouth           | Schr—Glt.     | 1903 | Meteghan River, N.S.      | 53 8  | 19 0 | 7 7  | 32   | John F. Salter, Parrsboro, N.S.                                       |
| 132759 | Narise Dixon        | St. Andrews        | Schr—Glt.     | 1889 | Boston, Mass., U.S.A.     | 101 0 | 23 4 | 9 1  | 72   | Geo. E. Roberts, Halifax, N.S.  |
| 71174  | Narise Dixon        | St. Andrews        | Schr—Glt.     | 1889 | Boston, Mass., U.S.A.     | 101 0 | 23 4 | 9 1  | 72   | Robert J. Cooper, Ruabun, Spanish Honduras, C.A.                      |
| 126663 | Narise I.           | Kingston           | Schr—Glt.     | 1903 | Mayville, N.S.            | 53 8  | 19 0 | 7 7  | 32   | John F. Salter, Parrsboro, N.S.                                       |
| 100890 | Narise I. Banks     | Shelburne          | Schr—Glt.     | 1910 | Albendale, N.S.           | 57 3  | 17 8 | 7 0  | 35   | Jos. Darian, Lanoraie, Que.   |
| 107920 | Narise I. King      | St. John, N.B.     | Schr—Glt.     | 1900 | Shelburne, N.S.           | 90 0  | 23 3 | 9 2  | 99   | Fredrick W. Sutherland, et al., Lockport, N.S.                        |
| 141594 | Narise I. King      | St. Andrews        | Sloop         | 1900 | West Isles, N.B.          | 36 4  | 14 0 | 6 6  | 17   | Wm. L. Murray, M.O., Port Hawkesbury, N.S.                            |
| 141594 | Narise I. King      | St. Andrews        | Sloop         | 1900 | West Isles, N.B.          | 36 4  | 14 0 | 6 6  | 17   | Austin Levy, Grand Mannan, N.B.                                       |
| 141594 | Narise I. King      | St. Andrews        | Sloop         | 1872 | Cleveland, O., U.S.A.     | 204 8 | 34 1 | 14 0 | 787  | The Sincennes-McNaughton Line, Ltd., 75 Common St., Montreal, Que.    |
| 92685  | Nellie Reid         | Pictou, N.S.       | Schr—Glt.     | 1891 | Bnlg, N.S.                | 80 3  | 21 6 | 8 9  | 79   | Charles Reid, Bnlg, N.S.  |
| 141463 | Nellie T. Walters   | Shelburne          | Schr—Glt.     | 1920 | Shelburne, N.S.           | 113 4 | 26 0 | 10 5 | 139  | Richard T. Samthill, et al., North Sydney, N.S.                       |
| 117132 | Noma D.             | Barrington Passage | Sloop         | 1904 | Port La Tour, N.S.        | 33 3  | 11 0 | 6 0  | 10   | J. C. Brannen, M.O., Port La Tour, N.S.                               |
| 196600 | Norse Harvey No. 1  | Halifax            | Schr—Glt.     | 1889 | Ile aux Coudres, Que.     | 64 6  | 20 0 | 7 4  | 50   | Norse Harvey, Ile aux Coudres, Que.                                   |
| 80843  | Nortie B. H.        | Halifax            | Schr—Glt.     | 1900 | Clan Harbour, N.S.        | 42 5  | 15 5 | 6 3  | 23   | Albert E. Edwards, M.O., Dartmouth, N.S.                              |
| 141227 | Nortie C.           | Weymouth           | Schr—Glt.     | 1919 | Sunimivert, N.S.          | 150 0 | 31 3 | 13 1 | 449  | Acadia Shipping Co., Ltd., Meteghan River, N.S.                       |
| 69145  | Nova                | Halifax            | Schr—Glt.     | 1875 | Pomquet, N.S.             | 97 5  | 27 9 | 10 4 | 167  | W. W. Clarke, M.O., Bear River, N.S.                                  |
| 105539 | Nova                | Halifax            | Schr—Glt.     | 1882 | Pemant, N.S.              | 33 5  | 11 0 | 5 5  | 11   | Michael Shaughenwhite, Terence Bay, N.S.                              |
| 143419 | Nova Beil           | Lunenburg          | Schr—Glt.     | 1919 | Mathone Bay, N.S.         | 114 0 | 25 8 | 10 2 | 98   | Wm. Duff, M.O., Lunenburg, N.S.                                       |
| 100890 | New Brunswick No. 1 | St. John, N.B.     | Dredge—Drague | 1912 | Upper Gagetown, N.B.      | 75 2  | 30 1 | 6 8  | 244  | The New Brunswick Construction Co., Ltd., Welsford, N.B.              |
| 130639 | New Brunswick No. 2 | St. John, N.B.     | Dredge—Drague | 1889 | St. John, N.B.            | 61 2  | 19 3 | 5 4  | 56   | The New Brunswick Construction Co., Ltd., Welsford, N.B.              |
| 85703  | New Dominion        | Prescott           | Schr—Glt.     | 1865 | Port Rowan, Ont.          | 117 5 | 25 3 | 9 2  | 197  | Miss Katie McGroarty, Prescott, Ont.                                  |

Formerly "William Armstrong" and a steamer. Foreign name "Pasadena." Formerly "Polino" and a steamer.

Foreign name "No. 3." Foreign name "Pierbostall."

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.  
 © Equipped with Wireless—Muni de la T.S.F.—Abbreviations—Abréviations: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Rig.<br>Gréement. | Build.<br>Construction. | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10ths. | Breadth in feet and 10ths.<br>Largeur en pieds et 10ths. | Depth in feet and 10ths.<br>Profondeur en pieds et 10ths. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|---------------------------------|---|-------------------|-------------------------|---------------------------------------|--|--|---|--|---|
| 112006                              | New Ontario                     | Port Arthur                                 | Pile-driver       | 1898                    | Dunth, Minn., U.S.A.                  | 50 0   | 20 0   | 2 8   | 17   | James Whalen, Port Arthur, Ont.   |
| 134544                              | New Welland                     | Ottawa                                      | Dredge—Draque     | 1913                    | Kinderdijk, Holland                   | 151 0  | 26 7   | 7 5   | 207  | La Compagnie Générale d'Entreprises Publiques, Lévis, Que.                            |
| 94833                               | News Bay                        | Port Medway                                 | Schr—Glt          | 1877                    | Vinal Haven, U.S.A.                   | 36 5   | 12 8   | 5 5   | 16   | R. B. H. Robertson, Bridgewater, N.S.   |
| 90861                               | Nicomor                         | Lanenburg                                   | Barge—Chd         | 1886                    | Malsons Bay, N.S.                     | 140 3  | 30 0   | 17 0  | 393  | Dominion Coal Co., Ltd., Sydney, N.S.   |
| 130013                              | Nidge No. 1                     | Victoria                                    | Barge—Chd         | 1912                    | Victoria, B.C.                        | 60 0   | 20 0   | 4 7   | 46   | Vancouver Island Paper Co., Ltd., Victoria, B.C.                                      |
| 130889                              | Nidge No. 2                     | Vancouver                                   | Barge—Chd         | 1912                    | Victoria, B.C.                        | 60 0   | 20 0   | 4 7   | 46   | The Canadian Fishing Co., Ltd., Port Gore Ave., Vancouver                             |
| 103851                              | Nifa                            | Halifax                                     | Sloop             | 1897                    | Dartmouth, N.S.                       | 23 6   | 6 6  | 4 0   | 2  | John M. Geldert, Halifax, N.S.  |
| 80882                               | Nile                            | Dorechester                                 | Yacht—Bkeht.      | 1857                    | Maryland, U.S.A.                      | 46 0   | 21 6   | 8 2   | 161  | Watson Faget, Brooklyn, N.Y., U.S.A.  |
| 107222                              | Nitu                            | Halifax                                     | Sloop             | 1847                    | Malsons Bay, N.S.                     | 38 8   | 7 5  | 4 2   | 3  | Richard C. DeLange, Halifax, N.S.   |
| 131726                              | NX                              | Vancouver                                   | Schr—Chd          | 1906                    | Vancouver, B.C.                       | 40 3   | 30 3   | 7 7   | 104  | Albert Percival, Victoria, B.C.   |
| 111746                              | Nixon L.                        | Quebec                                      | Schr—Glt          | 1920                    | Montreal, Que.                        | 189 5  | 36 4   | 15 0  | 755  | The Transportation & Shipping Co., Ltd., 99 Dalhousie St., Quebec                     |
| 112900                              | Noble H.                        | Lanenburg                                   | Schr—Glt          | 1902                    | Malsons Bay, N.S.                     | 87 8   | 24 7   | 9 4   | 95   | Samuel R. Griffin, Goldboro, N.S.   |
| 134221                              | Noelia                          | Chatham, N.B.                               | Schr—Glt          | 1914                    | Lanark, N.B.                          | 30 0   | 13 5   | 6 0   | 18   | Joseph Neveu, Sydney, Lunenburg, N.B.   |
| 102588                              | Nogey                           | Lanenburg                                   | Barge—Chd         | 1884                    | Malsons Bay, N.S.                     | 69 7   | 19 4   | 5 0   | 68   | Robert Kennedy, Halifax, N.S.   |
| 102541                              | Noid                            | Halifax                                     | Cutter            | 1898                    | Dartmouth, N.S.                       | 30 3   | 7 8  | 4 5   | 5  | C. L. N. Nichol, Halifax, N.S.  |
| 126744                              | Noidnik                         | Vancouver                                   | Schr—Glt          | 1910                    | Victoria, B.C.                        | 51 0   | 12 0   | 4 9   | 25   | Charles Minchin, Vancouver, B.C.  |
| 109400                              | Nora                            | Yarmouth                                    | Sloop             | 1910                    | Capetown, N.S.                        | 37 0   | 11 3   | 4 6   | 11   | Stephen A. Donahue, M.O. Cape St. Mary's, N.S.  |
| 125175                              | Nora Nybil                      | Halifax                                     | Schr—Glt          | 1910                    | Cowls Head, N.S.                      | 31 0   | 9 6  | 5 0   | 6  | R. C. Smith, Port Hope, Ont.  |
| 124342                              | Norah                           | Bellefleur                                  | Sloop             | 1880                    | Trigon, Ont.                          | 52 0   | 15 0   | 5 3   | 30   | The Ministry of Public Works, Ottawa, Ont.  |
| 124342                              | Norah L.                        | Montreal                                    | Schr—Chd          | 1888                    | Montreal, Que.                        | 79 0   | 22 2   | 5 3   | 188  | The Ministry of Public Works, Ottawa, Ont.  |
| 128254                              | Norona                          | Lanenburg                                   | Schr—Glt          | 1912                    | Malsons Bay, N.S.                     | 102 2  | 26 5   | 10 5  | 90   | Joshua E. Backman, M.O. La Hare, N.S.   |
| 134011                              | Norona F.                       | Lanenburg                                   | Schr—Glt          | 1913                    | Malsons Bay, N.S.                     | 104 2  | 25 5   | 10 6  | 95   | John McLean & Sons, Ltd., at La Hare, N.S.  |
| 112981                              | Norunn                          | Kenora                                      | Barge—Chd         | 1902                    | Norram, Ont.                          | 63 0   | 16 0   | 5 8   | 47   | Booth Fisheries Co. of Canada, Limited, Dominion Bank Bldg., Toronto, Ont.            |
| 123047                              | Norman F. Wilson                | Ottawa                                      | Barge—Chd         | 1914                    | Hull, Que.                            | 24 2   | 7 8  | 4 8   | 179  | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                                     |
| 102821                              | Norram                          | Chatham, N.B.                               | Schr—Glt          | 1893                    | Shipigan, N.B.                        | 113 0  | 12 0   | 4 8   | 11   | P. Rice, Carleton Place, Ont.   |
| 126621                              | North Pond                      | Vancouver                                   | Schr—Glt          | 1877                    | Cow Bay, Ore., U.S.A.                 | 152 6  | 32 0   | 11 0  | 392  | Whale Pulp & Paper Mills, Ltd., Merchants Bank Bldg., Vancouver, B.C.                 |
| 83378                               | North West                      | Toronto                                     | Schr—Glt          | 1882                    | Bronte, Ont.                          | 75 5   | 20 0   | 6 0   | 57   | Robert Raines and Frank Delaney, Toronto, Ont.  |
| 141168                              | Northcliffe                     | Parsboro                                    | Schr—Glt          | 1918                    | Fox River, N.S.                       | 148 5  | 31 8   | 10 8  | 291  | Stanley J. Soley, M.O. Fox River, N.S.  |
| 103879                              | Notre Dame de Pierrville.       | Montreal                                    | Sloop             | 1897                    | Notre-Dame de Pierrville, Que.        | 108 2  | 23 1   | 7 4   | 139  | Noe Gervais, St. Michael D'Yamaska, Que.  |

SESSIONAL PAPER No. 22

| No.    | Name   | Home              | Tonnage | Agent                          | Company | Port | Remarks |
|--------|--|-------------------|---------|--------------------------------|---------|------|---------|
| 141518 | Nova Queen   | Parishboro        | 150     | Advocate, N.S.                 |         | 13   | 0       |
| 74365  | Nova Stella  | Amherst           | 63      | Loxepore, N.S.                 |         | 35   | 0       |
| 88342  | Nova Zembla  | Quebec            | 74      | Launenburg, N.S.               |         | 2    | 7       |
| 126259 | Nuage Gris   | Quebec            | 60      | Launenburg, N.S.               |         | 2    | 5       |
| 122125 | No. 1  | Halifax           | 60      | Matoune Bay, N.S.              |         | 2    | 5       |
| 107390 | No. 1  | Ottawa            | 62      | Ottawa, Ont.                   |         | 5    | 0       |
| 103636 | No. 1  | Ottawa            | 62      | Ottawa, Ont.                   |         | 4    | 6       |
| 103845 | No. 1  | Ottawa            | 62      | Ottawa, Ont.                   |         | 3    | 3       |
| 106520 | No. 1  | Parishboro        | 91      | St. John, N.B.                 |         | 2    | 5       |
| 121951 | No. 2  | Halifax           | 147     | Parishboro, N.S.               |         | 3    | 0       |
| 163637 | No. 2  | Ottawa            | 63      | Ottawa, Ont.                   |         | 4    | 6       |
| 121788 | No. 2  | Ottawa            | 63      | Ottawa, Ont.                   |         | 3    | 3       |
| 105840 | No. 2  | Ottawa            | 55      | Halifax, Ont.                  |         | 4    | 8       |
| 100521 | No. 2  | Parishboro        | 91      | Black River, N.B.              |         | 2    | 5       |
| 103658 | No. 3  | Ottawa            | 55      | Black River, N.B.              |         | 3    | 4       |
| 100523 | No. 3  | Parishboro        | 146     | Chatham's Creek, N.B.          |         | 0    | 0       |
| 106526 | No. 4  | Parishboro        | 146     | St. Mary's, N.B.               |         | 3    | 5       |
| 122227 | No. 5  | Montreal          | 90      | Toronto, Ont.                  |         | 2    | 0       |
| 107287 | No. 5  | Ottawa            | 34      | Hull, Ont.                     |         | 0    | 6       |
| 100529 | No. 5  | Parishboro        | 145     | Black River, N.B.              |         | 1    | 5       |
| 106534 | No. 5  | Parishboro        | 170     | Parishboro, N.S.               |         | 0    | 3       |
| 107617 | No. 6  | Ottawa            | 52      | Pembroke, Ont.                 |         | 3    | 0       |
| 107617 | No. 6  | Ottawa            | 52      | Pembroke, Ont.                 |         | 3    | 0       |
| 107291 | No. 6  | Ottawa            | 52      | Pembroke, Ont.                 |         | 3    | 0       |
| 107291 | No. 6  | Ottawa            | 51      | Oyon, Que.                     |         | 5    | 2       |
| 107292 | No. 6  | Ottawa            | 51      | Oyon, Que.                     |         | 5    | 2       |
| 117172 | No. 42   | Windsor, Ont.     | 112     | Saginaw, Mich., U.S.A.         |         | 2    | 5       |
| 126073 | Number Forty Five  | Windsor, Ont.     | 112     | Saginaw, Mich., U.S.A.         |         | 2    | 5       |
| 126073 | Number Forty Five  | Windsor, Ont.     | 112     | Saginaw, Mich., U.S.A.         |         | 2    | 5       |
| 126074 | Number Forty Six   | Port Arthur, Ont. | 172     | Port Arthur, Ont.              |         | 3    | 2       |
| 107263 | No. 1 Calumet  | Ottawa            | 172     | Port Arthur, Ont.              |         | 13   | 0       |
| 107264 | No. 2 Calumet  | Ottawa            | 51      | Aylmer, Que.                   |         | 12   | 2       |
| 107617 | No. 5 Deep River   | Ottawa            | 51      | Aylmer, Que.                   |         | 12   | 2       |
| 107617 | No. 6 Deep River   | Ottawa            | 52      | Pembroke, Ont.                 |         | 3    | 0       |
| 107291 | No. 1 Qayson   | Ottawa            | 52      | Pembroke, Ont.                 |         | 3    | 0       |
| 107292 | No. 2 Qayson   | Ottawa            | 51      | Oyon, Que.                     |         | 5    | 2       |
| 152392 | Nyanza   | Charlottetown     | 48      | Belleoram, Nfld.               |         | 14   | 4       |
| 126824 | O. C.  | Quebec            | 70      | Chateau Richer, Que.           |         | 2    | 4       |
| 141016 | O. F. No. 1  | Vancouver         | 90      | Ocean Falls, B.C.              |         | 2    | 8       |
| 141017 | O. F. No. 2  | Vancouver         | 89      | Ocean Falls, B.C.              |         | 3    | 0       |
| 96770  | O. L. B.   | Charlottetown     | 37      | Cheticamp, N.S.                |         | 1    | 7       |
| 141738 | O. L. Caron  | Quebec            | 58      | Quebec, Que.                   |         | 1    | 6       |
| 141583 | O. L. Boardman   | Montreal          | 58      | Durbanville, N.Y., U.S.A.      |         | 1    | 6       |
| 54139  | Ocean Belle  | Halifax           | 41      | Chezecook, N.S.                |         | 1    | 7       |
| 141420 | Ocean Mail   | Lanenburg         | 122     | Lyverpool, N.S.                |         | 6    | 1       |
| 103485 | Ocean Rover  | Victoria          | 67      | Cordova Bay, B.C.              |         | 1    | 9       |
| 103568 | Ocean Spray  | Yarmouth          | 103     | Cape Island, N.S.              |         | 1    | 5       |
| 403508 | Oceanavic  | Montreal          | 308     | Notre Dame de Pierrville, Que. |         | 2    | 8       |
| 133776 | Oil Transport No. 1  | Victoria          | 90      | Victoria, B.C.                 |         | 3    | 2       |
| 130833 | Old Glory  | Amherstburg       | 84      | Rufalo, N.Y., U.S.A.           |         | 3    | 1       |
| 94337  | Olea   | St. Andrews       | 31      | West Isles, N.B.               |         | 1    | 5       |
| 122451 | Olea A.  | Yarmouth          | 30      | Shelburne, N.S.                |         | 0    | 6       |
| 122955 | Olive  | Chartham, N.B.    | 37      | St. Ignace Island, N.B.        |         | 1    | 3       |
| 107358 | Olive A.   | Sydney, N.S.      | 42      | Scatarie, N.S.                 |         | 0    | 2       |
| 122011 | Olive C.   | St. Andrews       | 41      | Seelays Cove, N.B.             |         | 1    | 6       |
| 432    | Thomas K. Bentley, et al.  | Parishboro, N.S.  |         |                                |         |      |         |
| 53     | J. N. P. Orger, Desouasse, N.S.  |                   |         |                                |         |      |         |
| 57     | Charles O. Maguire, Quysborough, N.S.  |                   |         |                                |         |      |         |
| 73     | Blair H. Irvington, M. C., Bon West, Que.  |                   |         |                                |         |      |         |
| 152    | The Halifax Dredging Co., Ltd., Halifax, N.S.                                    |                   |         |                                |         |      |         |
| 57     | L. E. Duffresne, et al., Three Rivers, Que.                                      |                   |         |                                |         |      |         |
| 32     | W. C. Taylor, et al., Port Hope, Ont.  |                   |         |                                |         |      |         |
| 33     | Cambridge and Port Hope, Ont.  |                   |         |                                |         |      |         |
| 37     | W. C. Taylor, et al., Port Hope, Ont.  |                   |         |                                |         |      |         |
| 439    | The Halifax Dredging and Coal Co., Montreal, Que.                                |                   |         |                                |         |      |         |
| 164    | The Halifax Dredging Company, Ltd., Halifax, N.S.                                |                   |         |                                |         |      |         |
| 35     | Canadian Pacific Railway Co., Montreal, Que.                                     |                   |         |                                |         |      |         |
| 40     | L. E. Duffresne, et al., J. O. Three Rivers, Ont.                                |                   |         |                                |         |      |         |
| 74     | W. C. Edwards & Co., Ltd., Rockland, Ont.  |                   |         |                                |         |      |         |
| 433    | Canadian Pacific Railway & Coal Co., Montreal, Que.                              |                   |         |                                |         |      |         |
| 95     | Canadian Pacific Railway & Coal Co., Montreal, Que.                              |                   |         |                                |         |      |         |
| 431    | Canadian Pacific Railway & Coal Co., Montreal, Que.                              |                   |         |                                |         |      |         |
| 439    | Canadian Pacific Railway & Coal Co., Montreal, Que.                              |                   |         |                                |         |      |         |
| 271    | The Randolph Macdonald Co., Ltd., Toronto, Ont.                                  |                   |         |                                |         |      |         |
| 439    | Hugh P. Curming, Corp., Ont.   |                   |         |                                |         |      |         |
| 443    | Cumberland Railway & Coal Co., Montreal, Que.                                    |                   |         |                                |         |      |         |
| 536    | Cumberland Railway & Coal Co., Montreal, Que.                                    |                   |         |                                |         |      |         |
| 536    | Cumberland Railway & Coal Co., Montreal, Que.                                    |                   |         |                                |         |      |         |
| 247    | A. F. Bowman, et al., J. O. Southamptun, Ont.                                    |                   |         |                                |         |      |         |
| 245    | A. F. Bowman, et al., J. O. Southamptun, Ont.                                    |                   |         |                                |         |      |         |
| 738    | The Great Lakes Dredging & Contracting Co., Ottawa, Ont.                         |                   |         |                                |         |      |         |
| 726    | The Great Lakes Dredging & Contracting Co., Ottawa, Ont.                         |                   |         |                                |         |      |         |
| 32     | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                             |                   |         |                                |         |      |         |
| 32     | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                             |                   |         |                                |         |      |         |
| 28     | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                             |                   |         |                                |         |      |         |
| 28     | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                             |                   |         |                                |         |      |         |
| 32     | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                             |                   |         |                                |         |      |         |
| 32     | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                             |                   |         |                                |         |      |         |
| 26     | Haylen Van Iderslame, Peers Road, P.E.I. and Sydney Ave., Cambridge Road, P.E.I. |                   |         |                                |         |      |         |
| 54     | Charles Simard, St. Alexis, Que.   |                   |         |                                |         |      |         |
| 157    | Pacific Mills, Ltd., 814 510 Hastings St. W., Vancouver, B.C.                    |                   |         |                                |         |      |         |
| 178    | Pacific Mills, Ltd., 814 510 Hastings St. W., Vancouver, B.C.                    |                   |         |                                |         |      |         |
| 12     | James McNeil, Malpasque, P.E.I.  |                   |         |                                |         |      |         |
| 46     | Oncetane Caron, Quebec, Que.   |                   |         |                                |         |      |         |
| 123    | Richelieu Transportation Co., Ltd., 437 McGill St., Montreal, Que.               |                   |         |                                |         |      |         |
| 20     | E. McCullum, Byron Island, M.I., Que.  |                   |         |                                |         |      |         |
| 112    | Arthur Hummelman, M.O., Feltzen South, N.S.                                      |                   |         |                                |         |      |         |
| 55     | Sidney Inlet Fish Co., Limited, Victoria, B.C.                                   |                   |         |                                |         |      |         |
| 6      | Charles E. Atkinson, Cape Island, N.S.   |                   |         |                                |         |      |         |
| 108    | Urbald Lafreniere, Pierreville, Que.   |                   |         |                                |         |      |         |
| 201    | Victoria Machinery Depot Co., Ltd., Victoria, B.C.                               |                   |         |                                |         |      |         |
| 199    | John G. Mullon, Amherstburg, Ont.  |                   |         |                                |         |      |         |
| 10     | Lincoln Richardson, West Isles, N.B.   |                   |         |                                |         |      |         |
| 10     | John E. White, Yarmouth, N.S.  |                   |         |                                |         |      |         |
| 4      | Thomas H. Lantignac, Caraquet, N.B.  |                   |         |                                |         |      |         |
| 19     | Robert Spencer, Port Morian, N.S.  |                   |         |                                |         |      |         |
| 25     | Thomas Currier, Seelays Cove, N.B.   |                   |         |                                |         |      |         |

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.  
 © Equipped with Wireless—Muni de la T.S.F.—Abbreviations—Abréviations: **J.O.** Joint owners—propriétaires conjoints; **M.O.** Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Rig.<br>Gréement. | Build.<br>Cons-<br>trait<br>en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|------------------------------------|---------------------------------|---|-------------------|--------------------------------|---------------------------------------|---|---|--|--|---|
| 61630                              | Olive J.....                    | Halifax.....                                | Schr—Glt.....     | 1881.....                      | Codale's Harbour, N.S.....            | 62 3  | 20 3  | 8  | 57   | James Macdonin, Port Maledin, N.S.  |
| 63832                              | Olive Long.....                 | Richibucto.....                             | Schr—Glt.....     | 1916.....                      | Pont Sappin, N.B.....                 | 32 0  | 11 0  | 4 6  | 23   | Calais LeBlanc, Adamsville, N.B.  |
| 63481                              | Olive Murray.....               | St. John, N.B.....                          | Stoop.....        | 1904.....                      | Eastport, Me., U.S.A.....             | 37 6  | 14 4  | 5 5  | 22   | Patrick and John Murray, Dipper Harbour, N.B.   |
| 92284                              | Oliver Mowat.....               | Rowanville.....                             | Schr—Glt.....     | 1873.....                      | Hill Haven, Ont.....                  | 116 0   | 23 8  | 9 8  | 170  | William H. Peacock, Fort Hope, Ont., and Wm. Savage, Pecon, Ont.                      |
| 134503                             | Olla G.....                     | Canso.....                                  | Schr—Glt.....     | 1917.....                      | New Harbour, N.S.....                 | 37 3  | 11 5  | 6 1  | 13   | Everett Gilkie M. O., New Harbour, N.S.   |
| 74398                              | Olympia.....                    | Toronto.....                                | Schr—Glt.....     | 1879.....                      | Bronic, Ont.....                      | 57 0  | 15 2  | 3 6  | 23   | Joseph Power, et al., Fox Port Cove, Ont.   |
| 61916                              | Only Son.....                   | Liverpool.....                              | Schr—Glt.....     | 1871.....                      | East Port Medway, N.S.....            | 29 0  | 14 2  | 4 0  | 16   | Wilbert Young, et al., Mill Cove, N.S.  |
| 138336                             | Ononette.....                   | Annapolis Royal.....                        | Schr—Glt.....     | 1919.....                      | Hillsburn, N.S.....                   | 45 0  | 35 2  | 13 2   | 43   | James W. Smith, et al., St. John, N.B.  |
| 77775                              | Ontonario.....                  | Coderich.....                               | Schr—Glt.....     | 1897.....                      | Coderich, Ont.....                    | 106 0   | 23 0  | 9 2  | 150  | Francis G. Vanille, Southampton, Ont.   |
| 72390                              | Opal.....                       | Windsor, N.S.....                           | Barge—Chd.....    | 1876.....                      | Whitport, N.S.....                    | 169 7   | 35 3  | 20 1   | 825  | Cyprian Packet Co., et Windsor, N.S.  |
| 122052                             | Opat.....                       | Chatham, N.B.....                           | Schr—Glt.....     | 1901.....                      | Shippagan Island, N.B.....            | 35 7  | 12 4  | 4 1  | 14   | Pierre Chiasson, Lamek, N.B.  |
| 131395                             | Opreoss.....                    | Paspebiac.....                              | Schr—Glt.....     | 1916.....                      | Grand Lavert, Que.....                | 42 4  | 13 2  | 3 0  | 16   | Mrs. L. Nicholson, Grand Pré, Que.  |
| 116590                             | Oredo.....                      | Lambert.....                                | Schr—Glt.....     | 1904.....                      | Lambert, N.S.....                     | 44 1  | 13 6  | 4 0  | 10   | J. P. Smith, et al., East Port Medway, N.S.   |
| 103194                             | Oressa.....                     | Liverpool.....                              | Schr—Glt.....     | 1893.....                      | Port Mountain, N.S.....               | 32 4  | 12 1  | 5 3  | 10   | J. P. Smith, et al., East Port Medway, N.S.   |
| 12120                              | Oressa Belle.....               | Lambert.....                                | Schr—Glt.....     | 1901.....                      | Malone Bay, N.S.....                  | 86 6  | 25 0  | 9 5  | 95   | Keogh F. Horne, St. John's, Nfld.   |
| 103176                             | Orient.....                     | Lambert.....                                | Schr—Glt.....     | 1890.....                      | Vogler's Cove, N.S.....               | 30 8  | 11 1  | 5 2  | 10   | Alfred Angus, Little Harbour, N.S.  |
| 83422                              | Orinoco.....                    | Digby.....                                  | Schr—Glt.....     | 1882.....                      | Gilbert Cove, N.S.....                | 75 0  | 23 0  | 9 4  | 99   | Alfred MacShel, Digby, N.S.   |
| 103044                             | Orolo.....                      | Chatham, N.B.....                           | Schr—Glt.....     | 1890.....                      | Shippagan, N.B.....                   | 33 0  | 12 2  | 4 4  | 11   | T. Alvar, Shippagan, N.B.   |
| 12311                              | Oroniyatekha.....               | St. Andrews.....                            | Schr—Glt.....     | 1892.....                      | Buck Bay, N.B.....                    | 43 2  | 15 0  | 6 2  | 21   | Miss Blanche MacGee, Black Bay, N.B.  |
| 80439                              | Oscar F.....                    | Barrington Passage.....                     | Schr—Glt.....     | 1895.....                      | Beard Point, N.S.....                 | 38 3  | 13 5  | 5 7  | 18   | David E. Locant, Tiverton, N.S.   |
| 130910                             | Ostris.....                     | Montréal.....                               | Yawl—Yole.....    | 1912.....                      | Dorval, Que.....                      | 29 6  | 10 3  | 4 8  | 7  | Archibald R. Howard, Westmount, Que.  |
| 88249                              | Ostrus.....                     | Doronto.....                                | Barge—Chd.....    | 1892.....                      | Doronto, Ont.....                     | 109 5   | 25 5  | 4 1  | 106  | P. Larkin, St. Catharines, Ont., and A. Sangster, Iroquois Ont.                       |
| 103005                             | Osprey.....                     | Chatham, N.B.....                           | Schr—Glt.....     | 1889.....                      | Shippagan, N.B.....                   | 33 0  | 12 6  | 4 4  | 10   | T. Alvar, Shippagan, N.B.   |
| 130583                             | Oswald.....                     | Halifax.....                                | Schr—Glt.....     | 1911.....                      | Tancook, N.S.....                     | 45 0  | 13 6  | 6 8  | 20   | James O. Christian, et al., Prospect, N.S.  |
| 103395                             | Oswego.....                     | Dorchester.....                             | Barge—Chd.....    | 1903.....                      | Oswego, N.S., U.S.A.....              | 118 2   | 25 1  | 6 0  | 130  | The Rathburn Co., Dorchester, Ont.  |
| 10326                              | Ows Miller.....                 | Peterborough.....                           | Schr—Glt.....     | 1896.....                      | Peterborough, N.B.....                | 79 0  | 27 1  | 7 6  | 98   | Alvin Newcomb, Peterboro, N.S.  |
| 107720                             | Oxtabas.....                    | Peterboro.....                              | Barge—Chd.....    | 1904.....                      | Peterboro, Ont.....                   | 76 0  | 17 6  | 5 0  | 55   | Wm. Baller, Peterboro, Ont.   |
| 102720                             | Oxtawa.....                     | Montréal.....                               | Barge—Drague..... | 1891.....                      | Corral, Ont.....                      | 76 5  | 26 2  | 6 6  | 130  | Thos. C. Simpson, Montréal, Que.  |
| 102725                             | Oxter.....                      | Winnipeg.....                               | Schr—Glt.....     | 1891.....                      | Red Amber, Man.....                   | 36 4  | 11 5  | 3 3  | 10   | Robert Henderson, Fort Alexander, Man.  |
| 116276                             | Oxter.....                      | St. Andrews.....                            | Stoop.....        | 1896.....                      | West Isles, N.B.....                  | 37 7  | 13 0  | 5 0  | 21   | Conners Bros. Ltd., Black's Harbour, N.B.   |
| 116296                             | Outlook.....                    | Charlottetown.....                          | Schr—Glt.....     | 1903.....                      | Souris, P.E.I.....                    | 41 0  | 13 0  | 6 2  | 17   | James Gerrier, Trenton, N.S.  |
| 133917                             | Overseer.....                   | Chatham, N.B.....                           | Schr—Glt.....     | 1913.....                      | Lamék, N.B.....                       | 41 0  | 13 8  | 5 6  | 20   | O. O. Chiasson and Léon Chiasson, Lamék, N.B.   |

SESSIONAL PAPER No. 22

| 184502 | Owen A. Munroe            | Canso           | Schr—Glt      | 1915 | Whitehaven, N.S.       | 42 0  | 11 1 | 0 3  | 12  | Norman A. Munroe, Whitehaven, N.S.  |
|--------|---------------------------|-----------------|---------------|------|------------------------|-------|------|------|-----|---|
| 138111 | P. No. 2                  | New Westminster | Barge—Chd     | 1911 | New Westminster, B.C.  | 90 0  | 30 0 | 7 0  | 166 | Belyea and Co., Ltd., New Westminster, B.C.                                   |
| 150259 | P. A. C. 22               | Vancouver       | Scow—Chd      | 1912 | Seattle, Wash., U.S.A. | 80 0  | 30 0 | 8 2  | 167 | The Pacific Construction Co., Ltd., 1414 Standard Bank Bldg. Vancouver, B.C.  |
| 150260 | P. A. C. 23               | Vancouver       | Scow—Chd      | 1912 | Seattle, Wash., U.S.A. | 80 0  | 30 0 | 8 2  | 167 | The Pacific Construction Co., Ltd., 1414 Standard Bank Bldg. Vancouver, B.C.  |
| 150261 | P. A. C. 24               | Vancouver       | Scow—Chd      |      | Seattle, Wash., U.S.A. | 42 4  | 16 1 | 4 0  | 21  | The Pacific Construction Co., Ltd., 1414 Standard Bank Bldg., Vancouver, B.C. |
| 130656 | P. A. L.                  | Chatham, N.B.   | Schr—Glt      | 1911 | Carriquet, N.B.        | 38 0  | 14 0 | 6 0  | 17  | Xavier A. Lanteigne, Carriquet, N.B.  |
| 126429 | P. A. No. 1               | Vancouver       | Scow—Chd      | 1909 | New Westminster, B.C.  | 51 0  | 22 0 | 6 0  | 40  | Gulf of Georgia Towing Co., Ltd. (1920), 1199 Sixth Ave., W., Vancouver, B.C. |
| 130906 | P. A. No. 3               | Vancouver       | Scow—Chd      | 1910 | New Westminster, B.C.  | 62 6  | 26 1 | 5 5  | 82  | Gulf of Georgia Towing Co., Ltd. (1920), 1199 Sixth Ave. W., Vancouver, B.C.  |
| 130907 | P. A. No. 4               | Vancouver       | Scow—Chd      | 1910 | North Vancouver, B.C.  | 73 4  | 28 2 | 6 7  | 125 | Gulf of Georgia Towing Co., Ltd. (1920), 1199 Sixth Ave. W., Vancouver, B.C.  |
| 141040 | P. B. A. No. 1            | Vancouver       | Scow—Chd      | 1914 | Vancouver, B.C.        | 50 0  | 18 0 | 5 6  | 6   | Peter B. Anderson, Vancouver, B.C.  |
| 126382 | P. B. & Co. No. 1         | Quebec          | Barge—Chd     | 1908 | St. Thomas, Que.       | 130 0 | 30 0 | 7 3  | 245 | Price Brothers & Co., Ltd., Quebec, Que.                                      |
| 126383 | P. B. & Co. No. 2         | Quebec          | Barge—Chd     | 1908 | St. Thomas, Que.       | 130 0 | 30 0 | 7 3  | 245 | Price Brothers & Co., Ltd., Quebec, Que.                                      |
| 141294 | P. C. Co. 21              | Vancouver       | Scow—Chd      | 1919 | Port Coquitlam, B.C.   | 60 3  | 22 0 | 2 8  | 31  | The Pacific Construction Co., Ltd., 1412/510 Hastings St. W., Vancouver, B.C. |
| 130491 | P. D. C. 2                | New Westminster | Dredge—Drague | 1909 | New Westminster, B.C.  | 67 0  | 23 5 | 5 3  | 157 | J. W. Pike, New Westminster, B.C.   |
| 130863 | P. D. C. 3                | New Westminster | Dredge—Drague | 1908 | New Westminster, B.C.  | 66 0  | 17 5 | 5 3  | 132 | Joseph Wm. Pike, New Westminster, B.C.  |
| 130864 | P. D. C. 4                | New Westminster | Dredge—Drague | 1909 | New Westminster, B.C.  | 110 0 | 35 3 | 7 3  | 319 | Grant and MacDonald, Ltd., 515 Vancouver Bldg., Vancouver, B.C.               |
| 130462 | P. D. C. 5                | New Westminster | Dredge—Drague | 1911 | New Westminster, B.C.  | 71 3  | 19 7 | 6 0  | 149 | Joseph Wm. Pike, New Westminster, B.C.  |
| 134103 | P. D. Co. No. 1           | Vancouver       | Scow—Chd      |      | Portland, Me., U.S.A.  | 73 5  | 28 0 | 5 2  | 208 | Pacific Construction Co., Ltd., 510 Hastings St. W., Vancouver, B.C.          |
| 138170 | P. D. Co. No. 4           | Vancouver       | Dredge—Drague | 1904 | Seattle, Wash., U.S.A. | 115 5 | 36 6 | 11 4 | 515 | Stuart Cameron, Vancouver, B.C.   |
| 140989 | P. G. E. No. 1            | New Westminster | Barge—Chd     |      | Seattle, Wash., U.S.A. | 172 0 | 39 0 | 10 0 | 652 | Pacific Great Eastern Railway Co., Ltd., 325 Howe St., Vancouver, B.C.        |
| 126407 | P. L. S. No. 1            | Montreal        | Scow—Chd      | 1905 | Montreal, Que.         | 98 5  | 30 6 | 6 6  | 174 | C. W. Sharp & Co., Ltd., 69 Yonge St., Toronto, Ont.                          |
| 126498 | P. L. S. No. 2            | Montreal        | Scow—Chd      | 1905 | Montreal, Que.         | 88 5  | 26 5 | 6 6  | 134 | The Randolph Macdonald Co., Ltd., 26 Queen St. E., Toronto, Ont.              |
| 126921 | P. M.                     | Quebec          | Sloop         | 1909 | L'Islet, Que.          | 43 7  | 15 9 | 4 8  | 17  | Hector Lavoie, Ile-aux-Grues, Que.  |
| 130602 | P. R. & G. Co. 17         | Victoria        | Barge—Chd     | 1911 | Victoria, B.C.         | 88 8  | 30 1 | 8 0  | 174 | Producers Rock & Gravel Co., Ltd., Victoria, B.C.                             |
| 138787 | P. R. & G. No. V          | Victoria        | Barge—Chd     | 1912 | Victoria, B.C.         | 100 0 | 32 2 | 8 0  | 210 | Producers Rock & Gravel Co., Ltd., Victoria, B.C.                             |
| 138778 | P. R. & G. No. VI         | Victoria        | Barge—Chd     | 1910 | Vancouver, B.C.        | 90 0  | 30 0 | 6 9  | 147 | Producers Rock & Gravel Co., Ltd., 1922 Store St., Victoria, B.C.             |
| 138782 | P. R. & G. No. VII        | Victoria        | Barge—Chd     | 1912 | Vancouver, B.C.        | 90 0  | 29 8 | 7 4  | 160 | Producers Rock & Gravel Co., Ltd., 1922 Store St., Victoria, B.C.             |
| 138783 | P. R. & G. No. VIII       | Victoria        | Barge—Chd     | 1912 | Vancouver, B.C.        | 90 0  | 29 8 | 7 4  | 160 | Producers Rock & Gravel Co., Ltd., 1922 Store St., Victoria, B.C.             |
| 134419 | P. S. B. 3                | Vancouver       | Scow—Chd      | 1910 | Vancouver, B.C.        | 76 4  | 30 0 | 7 3  | 147 | B. W. B. Navigation Co., Ltd., Johnson's Wharf, Vancouver, B.C.               |
| 141546 | P. S. B. 4                | Vancouver       | Scow—Chd      | 1910 | Vancouver, B.C.        | 91 0  | 29 8 | 7 0  | 161 | B. W. B. Navigation Co., Ltd., Johnson's Wharf, Vancouver, B.C.               |
| 131157 | P. S. B. 6                | Vancouver       | Scow—Chd      | 1909 | Vancouver, B.C.        | 89 0  | 32 0 | 7 4  | 202 | Arthur B. Kyle, Vancouver, B.C.   |
| 126637 | P. S. B. Co. No. 1        | Vancouver       | Scow—Chd      | 1909 | Vancouver, B.C.        | 74 0  | 30 2 | 7 2  | 151 | B. W. B. Navigation Co., Ltd., Johnson's Wharf, Vancouver, B.C.               |
| 133705 | P. S. B. Co. No. 2        | Vancouver       | Scow—Chd      | 1910 | North Vancouver, B.C.  | 81 5  | 29 8 | 7 7  | 180 | B. W. B. Navigation Co., Ltd., Johnson's Wharf, Vancouver, B.C.               |
| 133706 | P. S. B. Co. No. 5        | Vancouver       | Scow—Chd      | 1910 | Vancouver, B.C.        | 82 8  | 30 1 | 7 7  | 177 | B. W. B. Navigation Co., Ltd., Johnson's Wharf, Vancouver, B.C.               |
| 131038 | P.S.B.&D Co. Dredge No. 1 | Vancouver       | Dredge—Drague |      | Seattle, Wash., U.S.A. | 119 0 | 31 2 | 8 7  | 484 | Pacific Construction Co., Ltd., 510 Hastings St., W., Vancouver, B.C.         |

<sup>1</sup>Formerly "Erickson Construction Co. No. 1."

<sup>2</sup>Formerly "Tacoma."

<sup>3</sup>Formerly "Erickson Construction Co. No. 2."

<sup>4</sup>Formerly "A."

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless Muni de la T.S.F.—Abreviations—*Abbreviations*: J.O., joint owners propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel | Name of Ship<br>Nom du navire | Port of Registry<br>Port d'inscription | Rig.<br>Gréement | Built<br>Construit en | Where Built<br>Lieu de construction | Length in feet and 10ths<br>Longueur en pieds et 10ths | Breadth in feet and 10ths<br>Largeur en pieds et 10ths | Depth in feet and 10ths<br>Profondeur en pieds et 10ths | Tonnage enregisteré<br>Tonnage enregistré | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|------------------------------------|-------------------------------|--|------------------|-----------------------|-------------------------------------|--|--|---|---|---|
| 150255                             | P. S. B. & D. Co. 2           | Vancouver                              | Scow - Chd       | 1905                  | Kennewick, Wash., U.S.A.            | 80 0   | 26 4   | 6 8   | 122                                       | The Pacific Construction Co., Ltd., 1412/510 Hastings St. W., Vancouver, B.C.         |
| 133802                             | P. S. B. & D. Co.             | Vancouver                              | Scow - Chd       | 1913                  | Seattle, Wash., U.S.A.              | 46 0   | 19 5   | 5 0   | 35  | The Pacific Construction Co., Ltd., 1412/510 Hastings St. W., Vancouver, B.C.         |
| 112257                             | P. S. Co. I                   | Vancouver                              | Scow - Chd       | 1903                  | Vancouver, B.C.                     | 45 0   | 15 6   | 3 8   | 22  | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 112258                             | P. S. Co. II                  | Vancouver                              | Scow - Chd       | 1903                  | Vancouver, B.C.                     | 46 3   | 15 6   | 3 8   | 22  | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 112259                             | P. S. Co. III                 | Vancouver                              | Scow - Chd       | 1903                  | Vancouver, B.C.                     | 52 5   | 17 2   | 4 1   | 43  | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 116421                             | P. S. Co. IV                  | Vancouver                              | Scow - Chd       | 1903                  | Vancouver, B.C.                     | 49 7   | 16 2   | 4 2   | 37  | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 116122                             | P. S. Co. V                   | Vancouver                              | Scow - Chd       | 1903                  | Vancouver, B.C.                     | 51 0   | 18 2   | 4 2   | 33  | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 116123                             | P. S. Co. VI                  | Vancouver                              | Scow - Chd       | 1903                  | Vancouver, B.C.                     | 42 0   | 16 1   | 4 2   | 25  | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 116126                             | P. S. Co. VII                 | Vancouver                              | Scow - Chd       | 1903                  | Vancouver, B.C.                     | 48 1   | 16 1   | 4 1   | 20  | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 116127                             | P. S. Co. VIII                | Vancouver                              | Scow - Chd       | 1903                  | Vancouver, B.C.                     | 42 1   | 16 1   | 4 1   | 25  | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 116128                             | P. S. Co. IX                  | Vancouver                              | Scow - Chd       | 1903                  | Vancouver, B.C.                     | 55 0   | 18 1   | 4 1   | 52  | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 116129                             | P. S. Co. X                   | Vancouver                              | Scow - Chd       | 1903                  | New Westminster, B.C.               | 50 0   | 16 0   | 4 0   | 29  | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 116130                             | P. S. Co. XI                  | Vancouver                              | Scow - Chd       | 1903                  | New Westminster, B.C.               | 50 0   | 16 0   | 4 0   | 29  | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 116131                             | P. S. Co. XII                 | Vancouver                              | Scow - Chd       | 1903                  | New Westminster, B.C.               | 50 0   | 16 0   | 4 0   | 29  | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 116132                             | P. S. Co. XIII                | Vancouver                              | Scow - Chd       | 1903                  | New Westminster, B.C.               | 50 0   | 16 0   | 4 0   | 29  | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 116133                             | P. S. Co. XIV                 | Vancouver                              | Scow - Chd       | 1903                  | New Westminster, B.C.               | 56 0   | 17 0   | 4 1   | 35  | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 116134                             | P. S. Co. XV                  | Vancouver                              | Scow - Chd       | 1903                  | New Westminster, B.C.               | 56 0   | 17 0   | 4 1   | 35  | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 116135                             | P. S. Co. XVI                 | Vancouver                              | Scow - Chd       | 1903                  | New Westminster, B.C.               | 66 0   | 18 0   | 4 1   | 42  | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 116136                             | P. S. Co. XVII                | Vancouver                              | Scow - Chd       | 1903                  | New Westminster, B.C.               | 69 0   | 18 0   | 4 2   | 42  | Nord McParlane, Nanaimo, B.C.   |
| 116437                             | P. S. Co. XVIII               | Vancouver                              | Scow - Chd       | 1902                  | Vancouver, B.C.                     | 75 2   | 23 0   | 6 0   | 101                                       | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 116461                             | P. S. Co. XIX                 | Vancouver                              | Scow - Chd       | 1912                  | North Vancouver, B.C.               | 61 0   | 23 5   | 5 0   | 79  | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 130919                             | P. S. Co. XX                  | Vancouver                              | Scow - Chd       | 1913                  | New Westminster, B.C.               | 53 5   | 18 2   | 4 0   | 35  | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 132871                             | P. S. Co. XXI                 | Vancouver                              | Scow - Chd       | 1913                  | New Westminster, B.C.               | 53 5   | 18 2   | 4 0   | 35  | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 134381                             | P. S. Co. XXII                | Vancouver                              | Scow - Chd       | 1915                  | North Vancouver, B.C.               | 67 9   | 24 0   | 5 5   | 186                                       | Packers' Steamship Co., Ltd., Vancouver, B.C.   |
| 150292                             | P. W. D. Dredge No. 1         | Sylvaire, N.S.                         | Dredge - Drague  | 1911                  | Ottawa, Ont.                        | 91 4   | 34 2   | 7 5   | 387                                       | The Minister of Public Works, Ottawa, Ont.  |
| 134187                             | P. W. D. No. 2                | St. John, N.B.                         | Dredge - Drague  | 1906                  | Toronto, Ont.                       | 131 4  | 41 2   | 8 4   | 507                                       | The Minister of Public Works, Ottawa, Ont.  |
| 130346                             | P. W. D. No. 3                | Charlottetown                          | Dredge - Drague  | 1906                  | Toronto, Ont.                       | 90 0   | 36 0   | 8 0   | 308                                       | The Minister of Public Works, Ottawa, Ont.  |
| 130347                             | P. W. D. No. 4                | Charlottetown                          | Dredge - Drague  | 1871                  | Summerside, P.E.I.                  | 81 0   | 24 0   | 7 2   | 241                                       | The Minister of Public Works, Ottawa, Ont.  |
| 130348                             | P. W. D. No. 5                | Charlottetown                          | Dredge - Drague  | 1911                  | Pugwash, N.S.                       | 64 7   | 24 9   | 6 2   | 192                                       | The Minister of Public Works, Ottawa, Ont.  |
| 132759                             | P. W. D. No. 6                | St. John, N.B.                         | Dredge - Drague  | 1913                  | St. John, N.B.                      | 110 0  | 32 0   | 8 1   | 435                                       | The Minister of Public Works, Ottawa, Ont.  |
| 132760                             | P. W. D. No. 7                | Ottawa, Ont.                           | Dredge - Drague  | 1913                  | Ottawa, Ont.                        | 90 0   | 35 0   | 7 8   | 401                                       | The Minister of Public Works, Ottawa, Ont.  |
| 132761                             | P. W. D. No. 8                | Ottawa, Ont.                           | Dredge - Drague  | 1913                  | Ottawa, Ont.                        | 90 0   | 35 0   | 7 8   | 401                                       | The Minister of Public Works, Ottawa, Ont.  |
| 134531                             | P. W. D. No. 9                | Ottawa                                 | Scow - Chd       | 1914                  | St. Joseph de Lévis, Que.           | 106 0  | 30 0   | 9 0   | 560                                       | The Minister of Public Works, Ottawa, Ont.  |

SESSIONAL PAPER No. 22

| No.    | Name                          | Type          | Home            | Agent                     | Tonnage | Capacity | Engine | Notes   |
|--------|-------------------------------|---------------|-----------------|---------------------------|---------|----------|--------|---|
| 134532 | L. W. D. No. 62               | Scow—Chd.     | Ottawa          | St. Joseph de Lévis, Que. | 106 0   | 30 0     | 0      | The Minister of Public Works, Ottawa, Ont.                            |
| 134533 | L. W. D. No. 53               | Scow—Chd.     | Ottawa          | St. Joseph de Lévis, Que. | 106 0   | 30 0     | 0      | The Minister of Public Works, Ottawa, Ont.                            |
| 134534 | L. W. D. No. 54               | Scow—Chd.     | Ottawa          | St. Joseph de Lévis, Que. | 106 0   | 30 0     | 0      | The Minister of Public Works, Ottawa, Ont.                            |
| 134535 | L. W. D. No. 55               | Scow—Chd.     | Ottawa          | St. Joseph de Lévis, Que. | 106 0   | 30 0     | 0      | The Minister of Public Works, Ottawa, Ont.                            |
| 134536 | L. W. D. No. 56               | Scow—Chd.     | Ottawa          | St. Joseph de Lévis, Que. | 106 0   | 30 0     | 0      | The Minister of Public Works, Ottawa, Ont.                            |
| 134537 | L. W. D. No. 102              | Dredge—Drague | Ottawa          | Buckingham, Que.          | 60 6    | 22 1     | 3 6    | The Minister of Public Works, Ottawa, Ont.                            |
| 134538 | L. W. D. No. 103              | Dredge—Drague | Ottawa          | Ottawa, Ont.              | 60 6    | 22 1     | 3 6    | The Minister of Public Works, Ottawa, Ont.                            |
| 138078 | L. W. D. No. 106              | Dredge—Drague | Montreal        | Ottawa, Ont.              | 54 8    | 24 1     | 4 9    | Alphonse A. Larocque, Montreal, Que.                                  |
| 131123 | L. W. D. No. 109              | Dredge—Drague | Ottawa          | Duluth, Minn., U.S.A.     | 133 6   | 43 4     | 8 7    | The Minister of Public Works, Ottawa, Ont.                            |
| 131128 | L. W. D. No. 110              | Dredge—Drague | Ottawa          | Kingston, Ont.            | 109 4   | 40 6     | 8 4    | The Minister of Public Works, Ottawa, Ont.                            |
| 138066 | L. W. D. No. 112              | Dredge—Drague | Ottawa          | Sturgeon Falls, Ont.      | 66 6    | 24 9     | 7 2    | The Minister of Public Works, Ottawa, Ont.                            |
| 134942 | L. W. D. No. 115              | Dredge—Drague | Ottawa          | Ottawa, Ont.              | 95 3    | 35 6     | 9 7    | The Minister of Public Works, Ottawa, Ont.                            |
| 131129 | L. W. D. No. 116              | Dredge—Drague | Ottawa          | Sorel, Que.               | 91 0    | 34 3     | 8 2    | The Minister of Public Works, Ottawa, Ont.                            |
| 112186 | P. W. D. No. 117              | Dredge—Drague | Toronto         | Toronto, Ont.             | 107 7   | 36 8     | 9 3    | The Minister of Public Works, Ottawa, Ont.                            |
| 138067 | P. W. D. No. 118              | Dredge—Drague | Ottawa          | Toronto, Ont.             | 60 0    | 25 6     | 5 6    | The Minister of Public Works, Ottawa, Ont.                            |
| 138077 | P. W. D. No. 119              | Dredge—Drague | Ottawa          | Marlawa, Ont.             | 70 1    | 22 2     | 4 3    | The Minister of Public Works, Ottawa, Ont.                            |
| 135158 | P. W. D. No. 120              | Dredge—Drague | Ottawa          | St. Johns, Que.           | 79 0    | 28 0     | 6 8    | The Minister of Public Works, Ottawa, Ont.                            |
| 133931 | P. W. D. No. 121              | Dredge—Drague | Ottawa          | Ottawa, Ont.              | 60 6    | 22 1     | 3 6    | The Minister of Public Works, Ottawa, Ont.                            |
| 133932 | P. W. D. No. 122              | Dredge—Drague | Ottawa          | Ottawa, Ont.              | 90 0    | 35 0     | 7 8    | The Minister of Public Works, Ottawa, Ont.                            |
| 134608 | P. W. D. No. 132              | Dredge—Drague | Winnipeg        | Ottawa, Ont.              | 78 0    | 31 0     | 5 0    | The Minister of Public Works, Ottawa, Ont.                            |
| 134609 | P. W. D. No. 133              | Dredge—Drague | Winnipeg        | Selkirk, Man.             | 78 0    | 31 0     | 5 0    | The Minister of Public Works, Ottawa, Ont.                            |
| 134610 | P. W. D. No. 134              | Dredge—Drague | Winnipeg        | Selkirk, Man.             | 78 0    | 31 0     | 5 0    | The Minister of Public Works, Ottawa, Ont.                            |
| 138410 | P. W. D. No. 304              | Dredge—Drague | Winnipeg        | Selkirk, Man.             | 64 5    | 24 3     | 5 0    | The Minister of Public Works, Ottawa, Ont.                            |
| 138411 | P. W. D. No. 305              | Dredge—Drague | Winnipeg        | Selkirk, Man.             | 59 0    | 20 0     | 5 0    | The Minister of Public Works, Ottawa, Ont.                            |
| 134075 | P. W. D. No. 313              | Dredge—Drague | Vancouver       | Nanaimo, B.C.             | 76 0    | 35 0     | 8 0    | The Minister of Public Works, Ottawa, Ont.                            |
| 134539 | P. W. D. Scow No. 117         | Scow—Chd.     | Ottawa          | Kingston, Ont.            | 144 0   | 42 9     | 8 7    | The Minister of Public Works, Ottawa, Ont.                            |
| 134540 | P. W. D. Scow No. 118         | Scow—Chd.     | Ottawa          | Kingston, Ont.            | 144 0   | 42 9     | 8 7    | The Minister of Public Works, Ottawa, Ont.                            |
| 88298  | P. Cormier                    | Barge—Chd.    | Quebec          | St. Michel d'Yanaska      | 105 3   | 22 3     | 8 0    | Mrs. Jeanne C. Cormier, Sorel, Que.                                   |
| 131135 | P. Walters                    | Barge—Chd.    | Ottawa          | Que. Que.                 | 113 0   | 24 2     | 7 8    | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                     |
| 111892 | P. Whelan                     | Barge—Chd.    | Ottawa          | Hull, Que.                | 108 3   | 23 6     | 8 0    | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                     |
| 111639 | Pacific                       | Scow—Glt.     | Lanenburg       | Shelburne, N.S.           | 206 0   | 24 0     | 7 2    | Robert Murray, M.O., Port Richmond, N.S.                              |
| 134069 | Pacific Coast Cable Co. No. 1 | Barge—Chd.    | Vancouver       | New Westminster, B.C.     | 72 4    | 28 0     | 7 4    | Albert Berquist, Vancouver, B.C.                                      |
| 111642 | Palatin                       | Schr—Glt.     | Quebec          | Lanenburg, N.S.           | 80 6    | 24 0     | 9 7    | Jos. P. Guy, Quebec, Que.   |
| 111725 | Palmetto                      | Schr—Glt.     | Yarmouth        | La Have, N.S.             | 89 0    | 24 6     | 9 5    | T. Geddes, Capt. Ltd., 9-11 Broadway, Port of Spain, Trinidad, B.W.I. |
| 129025 | Pan Jam                       | Scow—Chd.     | Sydney, N.S.    | North Sydney, N.S.        | 101 4   | 28 2     | 6 8    | The Dominion Coal Co., Ltd., Sydney, N.S.                             |
| 100678 | Pandora                       | Schr—Glt.     | St. John, N.B.  | Greenwich, N.B.           | 83 6    | 27 0     | 7 2    | Millage Kinnie, et al., Waterford, N.B.                               |
| 100241 | Pansy                         | Schr—Glt.     | Halifax         | Greenwich, N.B.           | 47 0    | 16 8     | 6 8    | Wm. Kennedy, et al., Bay Islands, Nfld.                               |
| 126760 | Paradis                       | Scow—Glt.     | Montreal        | Lebanon, N.S.             | 75 0    | 17 9     | 4 3    | Alphonse Hamel, St. Jean Deschamps, Que.                              |
| 112352 | Paradise Lost                 | Scow—Chd.     | Toronto         | Brookville, Ont.          | 70 0    | 20 6     | 4 0    | Robert Miller & Son, Ltd., Toronto, Ont.                              |
| 100996 | Parisian                      | Schr—Glt.     | Chartham, N.B.  | Shippagan, N.B.           | 34 0    | 12 6     | 4 4    | Jos. W. Bedreau, St. John, N.B.                                       |
| 134598 | Pastime                       | Schr—Glt.     | St. John, N.B.  | St. John, N.B.            | 24 3    | 8 6      | 2 7    | Ed. N. Stearns, St. John, N.B.  |
| 137532 | Patch                         | Schr—Glt.     | Paspébiac       | Grand River, Que.         | 38 5    | 12 9     | 3 6    | Collection Trépanier, Grand River, Que.                               |
| 100776 | Patrick                       | Schr—Glt.     | Chartham, N.B.  | Charcote, N.B.            | 36 0    | 12 2     | 5 0    | P. Eties, Capreol, N.B.   |
| 94857  | Patrol                        | Schr—Glt.     | Port Hawkesbury | Arcaet, N.B.              | 84 5    | 26 1     | 7 0    | Elias Van Breda, Cheticamp, N.S.                                      |
| 126580 | Paul V.                       | Schr—Glt.     | Port Hawkesbury | Pleasant Bay, N.S.        | 43 8    | 16 5     | 6 7    | Christian Iverson, M.O., Lanenburg, N.S.                              |
| 130671 | Pauline B. Musler             | Schr—Glt.     | Lanenburg       | Yarmouth, N.S.            | 113 0   | 26 5     | 12 4   | Harold Ernst, Lanenburg, N.S.   |
| 137974 | Pavillon 1                    | Scow—Chd.     | Lanenburg       | Little Tanook, N.S.       | 43 6    | 10 8     | 6 6    | Joseph O. Gagné, Sherbrooke, Que.                                     |
| 138438 | Pearceland                    | Schr—Glt.     | Annapolis Royal | Annapolis Royal, N.S.     | 57 5    | 23 8     | 1 2    | Mrs. Ida M. Shafner, et al., Annapolis Royal, N.S.                    |
| 112125 | Pearl                         | Schr—Glt.     | Lanenburg       | La Have, N.S.             | 114 0   | 30 0     | 10 6   | Michael Kinch and Parnais Lewis, Alberton, P.E.I.                     |
| 76755  | Pearl                         | Schr—Glt.     | St. John, N.B.  | Rexton, N.B.              | 62 6    | 22 6     | 6 1    | Henry G. McDougall, St. George, N.B.                                  |
| 141236 | Pearl F. Cousins              | Schr—Glt.     | Charlottetown   | Campbellton, P.E.I.       | 39 6    | 15 2     | 5 8    | Russel C. Cousins, et al., J.O., Campbellton, P.E.I.                  |
| 111712 | Peerless                      | Schr—Glt.     | Lanenburg       | Lanenburg, N.S.           | 90 6    | 24 8     | 9 5    | M. P. Carucho, st., Georgetown, British Guiana.                       |
| 103778 | Pelican                       | Schr—Glt.     | Chartham, N.B.  | Shippagan, N.B.           | 36 7    | 12 3     | 5 2    | Robin, Jones & Whitman, Ltd., Halifax, N.S.                           |

\*Recovered wreck.

\*Formerly "Sir Wilfred."

ALPHABETICAL LIST of Sailing Vessels in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless—Muni de la T.S.F.—Abbréviations—Abbreviations: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship.<br>Nom du navire.            | Port of Registry.<br>Port d'enregistrement. | Rig.<br>Gréement. | Built.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|--|---|-------------------|------------------------|---------------------------------------|---|---|--|--|---|
| 103894                              | Pelican.....                               | St. Andrews.....                            | Sloop.....        | 1896                   | Meteghan, N.S.....                    | 40 6  | 14 5  | 7 0  | 21   | La-Col., Martin A. Shee, Sunning Hill, Berks, England.                                |
| 116930                              | Pelly.....                                 | Victoria.....                               | Barge—Chd.....    | 1905                   | White Horse, Y.T.....                 | 106 0   | 34 3  | 5 5  | 169  | British Yukon Navigation Co., Ltd., Vancouver, B.C.                                   |
| 126192                              | Peltier.....                               | Windsor, Ont.....                           | Dredge—Drague     | 1906                   | Sandwich, Ont.....                    | 93 0  | 28 0  | 8 5  | 257  | The Windsor Dredging Co., Ltd., Windsor, Ont.   |
| 133923                              | Pembine.....                               | Chatham, N.B.....                           | Schr—Glt.....     | 1913                   | Lamek, N.B.....                       | 39 0  | 13 4  | 5 0  | 17   | Jean Aclé (son of Sinat), Lamek, N.B.   |
| 130246                              | Peppercell.....                            | Liverpool.....                              | Dredge—Drague     | 1911                   | Liverpool, N.S.....                   | 60 4  | 30 0  | 5 8  | 152  | Atlantic Dredging Co., Ltd., Louisburg, N.S.  |
| 126087                              | Percy C.....                               | Liverpool.....                              | Schr—Glt.....     | 1909                   | Liverpool, N.S.....                   | 91 0  | 23 7  | 9 9  | 99   | The "Percy C." Navigation Co., Ltd., 35 Bedford Row, Halifax, N.S.                    |
| 130790                              | Perouche.....                              | Port Hawkesbury.....                        | Schr—Glt.....     | 1915                   | Grand Etang, N.S.....                 | 38 3  | 11 0  | 5 0  | 12   | Simon P. Cormier, Grand Etang, N.S.   |
| 85451                               | Perseverance.....                          | Quebec.....                                 | Schr—Glt.....     | 1873                   | St. Croix, Que.....                   | 65 8  | 20 6  | 5 8  | 48   | Herménégilde Caron, Tadoussac, Que.   |
| 97013                               | Pestia.....                                | Montreal.....                               | Barge—Chd.....    | 1910                   | St. Catharines, Ont.....              | 141 0   | 25 4  | 10 7   | 284  | The Atlas Sand Co., Ltd., 77 Common St., Montreal, Que.                               |
| 107799                              | Perrin.....                                | St. John, N.B.....                          | Sloop.....        | 1887                   | St. John, N.B.....                    | 25 2  | 8 0   | 3 1  | 4  | G. D. Coyle, St. John, N.B.   |
| 92386                               | Peruvian.....                              | Kingston.....                               | Sloop.....        | 1888                   | Seely's Bay, Ont.....                 | 37 0  | 18 0  | 4 5  | 54   | Mathew Ryan, Smith's Falls, Ont.  |
| 116958                              | Pescauid.....                              | Matthland.....                              | Schr—Glt.....     | 1909                   | Noel Shore, N.S.....                  | 83 8  | 26 0  | 7 9  | 113  | Theodore Densmore, et al., Noel Shore, N.S.   |
| 122500                              | Peser England.....                         | Chatham, N.B.....                           | Dredge—Drague     | 1902                   | Chatham, N.B.....                     | 37 0  | 12 0  | 2 5  | 10   | Miramichi Dredging Co., Ltd., Newcastle, N.B.   |
| 121899                              | Petite.....                                | Lunenburg.....                              | Schr—Glt.....     | 1906                   | Malbone Bay, N.S.....                 | 65 6  | 20 4  | 7 8  | 61   | Alexander Poirier, Poirierville, N.S. and Leon N. Poirier, Desoussac, N.S.            |
| 103764                              | Petrel.....                                | Chatham, N.B.....                           | Schr—Glt.....     | 1896                   | Shippigan, N.B.....                   | 36 0  | 12 0  | 4 8  | 12   | T. Ahier, Shippigan, N.B.   |
| 92588                               | Petrol.....                                | Gaspé.....                                  | Schr—Glt.....     | 1894                   | Grand River, Que.....                 | 36 6  | 12 0  | 5 2  | 13   | J. W. Leblanc, Grand River, Ont.  |
| 100870                              | Philip Kearney.....                        | Quebec.....                                 | Barge—Chd.....    | 1881                   | Northumberland, N.Y., U.S.A.....      | 94 8  | 18 4  | 8 2  | 119  | Wm. Price, Quebec, Que.   |
| 116804                              | Philippe.....                              | Sorel.....                                  | Barge—Chd.....    | 1905                   | Sorel, Que.....                       | 97 0  | 21 7  | 5 0  | 87   | D. B. Smith, Montreal, Que.   |
| 130838                              | Philoncar C.....                           | Montreal.....                               | Sloop.....        | 1913                   | St. Almé, Que.....                    | 54 1  | 15 9  | 4 4  | 25   | Phillipe Gauhier, Three Rivers, Que.  |
| 131214                              | Phoebe Lydon.....                          | Sydney, N.S.....                            | Schr—Glt.....     | 1911                   | South Ingonish, N.S.....              | 40 6  | 11 8  | 7 8  | 15   | John C. Williams, South Ingonish, N.S.  |
| 130828                              | Phyllis L., Westha-<br>Lunenburg, N.S..... | Lunenburg, N.S.....                         | Schr—Glt.....     | 1912                   | Lunenburg, N.S.....                   | 106 8   | 26 3  | 10 4   | 99   | Mathon Rodenhiser, M.O., Lunenburg, N.S.  |
| 121947                              | Pic X.....                                 | Sorel.....                                  | Sloop.....        | 1907                   | Yamaska, Que.....                     | 109 1   | 23 3  | 7 8  | 130  | Alehard Beaudet, St. Jean des Châtillons, Que.  |
| 72593                               | Ploc.....                                  | Kingston.....                               | Schr—Glt.....     | 1806                   | Alison, N.Y., U.S.A.....              | 63 0  | 15 5  | 5 8  | 64   | James Mahoney, Kingston, Ont.   |
| 138168                              | Pioneer S., & G. Co.<br>No. 11.....        | Kingston.....                               | Scow—Chd.....     | 1911                   | Seattle, Wash., U.S.A.....            | 133 7   | 40 0  | 12 6   | 343  | Coastwise Steamship & Barge Co., Ltd., 718 Granville St., Vancouver, B.C.             |
| 80801                               | Plymouth.....                              | Windsor, N.S.....                           | Bk—Bq.....        | 1879                   | Hantsport, N.S.....                   | 108 0   | 40 0  | 23 3   | 1312                                       | Gypsum Packet Co., Ltd., Windsor, N.S.  |
| 138284                              | Polasudie Belle.....                       | Chatham, N.B.....                           | Schr—Glt.....     | 1917                   | Carriquet, N.B.....                   | 49 0  | 12 0  | 3 3  | 13   | John Mitchem, Carriquet, N.B.   |
| 107315                              | Polypork.....                              | Halifax.....                                | Sloop.....        | 1899                   | Dartmouth, N.S.....                   | 23 7  | 6 5   | 3 4  | 2  | Fredrick H. Wagnorn, Halifax, N.S.  |
| 102822                              | Potalloch.....                             | Victoria.....                               | Bk—Bq.....        | 1853                   | Belfast, G.B.....                     | 284 4   | 42 0  | 21 4   | 2139                                       | Ship Potalloch Co., Ltd., Victoria, B.C.  |



SESSIONAL PAPER No. 22

| No.    | Name                                     | Type          | Home Port       | Tonnage | Net Tonnage                  | Length | Breadth | Depth | Speed | Agent   |
|--------|--|---------------|-----------------|---------|------------------------------|--------|---------|-------|-------|---|
| 107731 | Pontiac                                  | Dredge-Drague | Kingston        | 1890    | Morrisburg, Ont.             | 82 7   | 26 0    | 6 8   | 135   | W. J. Poupore, Montreal, Que.   |
| 126844 | Pontion No. 1                            | Scow—Chd.     | Quebec          | 1910    | Levis, Que.                  | 90 3   | 46 2    | 6 2   | 233   | Levis Ferry, Ltd., Levis, Que.  |
| 126845 | Pontion No. 2                            | Scow—Chd.     | Quebec          | 1910    | Levis, Que.                  | 90 3   | 46 2    | 6 2   | 231   | Levis Ferry, Ltd., Levis, Que.  |
| 83473  | Port Nelson                              | Schr—Glt.     | S. Andrews      | 1880    | Levis, Que.                  | 53 7   | 17 3    | 6 0   | 904   | Thomas B. Spear, Seelleys Cove, N.B.  |
| 129448 | Port Nelson                              | Dredge-Drague | Toronto         | 1913    | Levis, Que.                  | 180 0  | 43 0    | 9 0   | 904   | The Minister of Railways and Canals, Ottawa, Ont.                                 |
| 138289 | Portoamate                               | Sloop         | St. John, N.B.  | 1899    | Toronto, Ont.                | 36 0   | 10 3    | 5 4   | 11    | Harold B. Robinson, St. John, N.B.  |
| 80055  | Prescott                                 | Schr—Glt.     | St. John, N.B.  | 1917    | Carleton Place, N.Y., U.S.A. | 25 0   | 12 3    | 5 0   | 13    | W. S. Loggie, Co., Ltd., Chatham, N.B.  |
| 129293 | Pride of the Fleet                       | Schr—Glt.     | St. John, N.B.  | 1881    | Carleton, N.B.               | 25 0   | 12 3    | 6 5   | 23    | Charles and John Sears, J. O. Parrison, N.S.                                      |
| 134627 | Pride of the North                       | Schr—Glt.     | St. John, N.B.  | 1908    | Carleton, N.B.               | 44 0   | 14 7    | 6 5   | 74    | Robert Moss & Whitman, Ltd., Halifax, N.S.  |
| 125989 | Prince Guy                               | Dredge-Drague | Montreal        | 1903    | Montreal, Que.               | 90 5   | 35 0    | 7 2   | 261   | George McDonald, Ingham Ferry, N.S., and Angus Hines, Ingham Ferry, N.S.          |
| 125990 | Prince Louis                             | Dredge-Drague | Montreal        | 1902    | Montreal, Que.               | 72 6   | 38 6    | 6 6   | 263   | William P. Poupore, Westmount, Que.   |
| 126150 | Prince Willie                            | Dredge-Drague | Montreal        | 1908    | Sorel, Que.                  | 90 6   | 35 3    | 7 1   | 258   | The W. J. Poupore Co., Ltd., Montreal, Que.                                       |
| 78044  | Princess Louise                          | Schr—Glt.     | Chatham, N.B.   | 1879    | Chatham, N.B.                | 49 0   | 16 2    | 6 3   | 21    | Paul Blais, Seven Islands, Que.   |
| 72683  | Princess Louise                          | Barge—Chd.    | Vancouver       | 1869    | New York, N.Y., U.S.A.       | 154 0  | 30 0    | 13 0  | 754   | Whitton Pub. & Paper Mills, Limited, Merchants Bank Bldg., Vancouver, B.C.        |
| 116935 | Princess Victoria                        | Schr—Glt.     | Victoria        | 1905    | Masset, B.C.                 | 55 0   | 16 0    | 6 0   | 17    | Standard Fish & Fertilizer Co., Ltd., Vancouver, B.C.                             |
| 96740  | Providence                               | Schr—Glt.     | Chatham, N.B.   | 1890    | Carleton, N.B.               | 38 5   | 12 4    | 5 8   | 13    | T. H. Boothillier, Carleton, N.B.   |
| 116974 | Providence                               | Schr—Glt.     | Chatham, N.B.   | 1905    | Carleton, N.B.               | 40 4   | 13 8    | 5 8   | 18    | M. Lantierne, Carleton, N.B.  |
| 130838 | Province                                 | Scow—Chd.     | Port Arthur     | 1911    | Fort William, Ont.           | 162 0  | 40 0    | 10 0  | 580   | The Canadian Towing & Wrecking Co., Ltd., Port Arthur, Ont.                       |
| 131001 | Provincial No. 1                         | Dredge-Drague | St. John, N.B.  | 1912    | St. John, N.B.               | 70 1   | 26 6    | 6 1   | 168   | James S. Gregory, St. John, N.B.  |
| 133564 | Puget No. 11                             | Scow—Chd.     | Vancouver       | 1903    | Seattle, Wash., U.S.A.       | 82 2   | 24 0    | 8 0   | 127   | The Pacific Construction Co., Ltd., 1412/510 Hastings St. W., Vancouver, B.C.     |
| 134061 | Puget Sound                              | Dredge-Drague | Vancouver       | 1900    | U.S.A.                       | 107 0  | 41 0    | 12 0  | 616   | Pacific Dredging Co., Ltd., 1412 Standard Bank Bldg., Vancouver, B.C.             |
| 122766 | Pump Scow No. 1                          | Scow—Chd.     | Montreal        | 1906    | Montreal, Que.               | 49 5   | 22 8    | 4 3   | 79    | The Montreal Sand & Gravel Co., Ltd., Montreal, Que.                              |
| 122765 | Pump Scow No. 2                          | Scow—Chd.     | Montreal        | 1906    | Montreal, Que.               | 49 8   | 22 8    | 4 3   | 73    | The Montreal Sand & Gravel Co., Ltd., Montreal, Que.                              |
| 126739 | Pyrites                                  | Barge—Chd.    | Vancouver       | 1910    | North Vancouver, B.C.        | 80 0   | 28 2    | 9 3   | 207   | The Barnet Lighters Co., Ltd., Barnet, B.C.                                       |
| 134442 | Q.H.C., No. 51                           | Scow—Chd.     | Quebec          | 1914    | Toronto, Ont.                | 108 0  | 28 0    | 8 7   | 241   | Quebec Harbour Commissioners, Quebec, Que.  |
| 134443 | Q.H.C., No. 52                           | Scow—Chd.     | Quebec          | 1914    | Toronto, Ont.                | 108 0  | 28 0    | 8 7   | 241   | Quebec Harbour Commissioners, Quebec, Que.  |
| 134444 | Q.H.C., No. 53                           | Scow—Chd.     | Quebec          | 1914    | Toronto, Ont.                | 108 0  | 28 0    | 8 7   | 241   | Quebec Harbour Commissioners, Quebec, Que.  |
| 134445 | Q.H.C., No. 54                           | Scow—Chd.     | Quebec          | 1914    | Toronto, Ont.                | 144 0  | 31 0    | 11 1  | 434   | Quebec Harbour Commissioners, Quebec, Que.  |
| 134446 | Q.H.C., No. 55                           | Scow—Chd.     | Quebec          | 1914    | Toronto, Ont.                | 144 0  | 31 0    | 11 1  | 434   | Quebec Harbour Commissioners, Quebec, Que.  |
| 134447 | Q.H.C., No. 56                           | Scow—Chd.     | Quebec          | 1914    | Toronto, Ont.                | 144 0  | 31 0    | 11 1  | 434   | Quebec Harbour Commissioners, Quebec, Que.  |
| 134233 | Q. & R. No. 1                            | Dredge-Drague | Montreal        | 1914    | Montreal, Que.               | 110 1  | 35 1    | 6 8   | 431   | The Minister of Public Works, Ottawa, Ont.  |
| 122198 | Qualla                                   | Barge—Chd.    | New Westminster | 1908    | New Westminster, B.C.        | 96 0   | 32 0    | 7 0   | 188   | Vancouver Croissing Co., Ltd., 1508 Standard Bank Bldg., Vancouver, B.C.          |
| 111063 | Quebec                                   | Schr—Glt.     | Montreal        | 1901    | Levis, Que.                  | 206 2  | 40 0    | 14 6  | 989   | Montreal Transportation Co., Ltd., 14 Place Royale, Montreal, Que.                |
| 123977 | Queensboro One                           | Barge—Chd.    | New Westminster | 1913    | New Westminster, B.C.        | 59 7   | 20 0    | 4 0   | 43    | Marsh Hutton Powers Co., Ltd., 506 Westminster Trust Bldg., New Westminster, B.C. |
| 133978 | Queensboro Two                           | Barge—Chd.    | New Westminster | 1913    | New Westminster, B.C.        | 60 4   | 16 0    | 4 3   | 38    | Walter A. Gilley, New Westminster, B.C.   |
| 109057 | Quick                                    | Schr—Glt.     | St. John, N.B.  | 1891    | St. John, N.B.               | 94 4   | 26 2    | 7 5   | 123   | Charles C. LeBlanc, et al., Belliveau's Cove, N.S.                                |
| 85564  | Quick Step                               | Schr—Glt.     | Sydney, N.S.    | 1883    | Lingan, N.S.                 | 40 0   | 13 0    | 5 9   | 15    | John P. Shannon, Whiteside, N.S.  |
| 111471 | Quickstep                                | Schr—Glt.     | Dirby           | 1889    | Essex, Mass., U.S.A.         | 91 0   | 24 0    | 10 2  | 146   | David Sproule, Dirby, N.S.  |
| 131215 | Quincy                                   | Schr—Glt.     | Sydney, N.S.    | 1905    | Sydney, N.S.                 | 71 2   | 30 1    | 7 7   | 83    | Atlantic Dredging Co., Ltd., Louisburg, N.S.                                      |
| 138264 | Quinlan & Robertson Ltd., No. 2 (No. 43) | Dredge-Drague | Quebec          | 1916    | Limoilou, Que.               | 105 6  | 32 0    | 8 2   | 489   | Quinlan & Robertson, Ltd., 601 Bank of Toronto Bldg., Montreal, Que.              |
| 126129 | Quinto Chief                             | Drillboat     | Kingston        | 1908    | Trenton, Ont.                | 89 6   | 30 0    | 6 4   | 210   | Robert Weddell, Trenton, Ont.   |
| 131185 | R. No. 1                                 | Scow—Chd.     | Peterborough    | 1914    | Peterborough, Ont.           | 80 0   | 28 0    | 5 4   | 104   | Claude H. Rogers, Peterborough, Ont.  |
| 121186 | R. No. 2                                 | Scow—Chd.     | Peterborough    | 1914    | Peterborough, Ont.           | 80 0   | 28 0    | 5 4   | 104   | Claude H. Rogers, Peterborough, Ont.  |

Formerly a steamer.

ALPHABETICAL List of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

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| Official No.<br>N <sup>o</sup> officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Rig.<br>Gréement. | Build.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|--|---------------------------------|---|-------------------|------------------------|---------------------------------------|---|---|--|--|---|
| 141116                                   | R. P. 2.                        | Vancouver.                                  | Scow—Chd.         | 1909                   | Vancouver, B.C.                       | 85 3  | 28 0  | 6 3  | 356  | Robert Bailey, Vancouver, B.C.  |
| 138729                                   | R. F. No. 3                     | New Westminster.                            | Scow—Chd.         | 1912                   | New Westminster, B.C.                 | 80 0  | 26 0  | 6 2  | 110  | Robert Fenton, New Westminster, B.C.  |
| 138730                                   | R. F. No. 4                     | New Westminster.                            | Scow—Chd.         | 1912                   | New Westminster, B.C.                 | 80 0  | 26 0  | 6 2  | 110  | Robert Fenton, New Westminster, B.C.  |
| 134172                                   | R. F. No. 5                     | Vancouver.                                  | Barge—Chd.        | 1913                   | New Westminster, B.C.                 | 86 0  | 30 0  | 8 1  | 84   | Robert Fenton, New Westminster, B.C.  |
| 138731                                   | R. F. No. 6                     | New Westminster.                            | Scow—Chd.         | 1913                   | New Westminster, B.C.                 | 80 0  | 30 0  | 7 9  | 175  | Robert Fenton, New Westminster, B.C.  |
| 138285                                   | R. J. W.                        | Chatham, N.B.                               | Scow—Chd.         | 1917                   | Carazquet, N.B.                       | 46 0  | 14 8  | 6 8  | 29   | Robin Jones & Whitman, Ltd., Halifax, N.S.  |
| 122566                                   | R. M. Co., Dredge No. 8         | Peterboro.                                  | Dredge—Drague     | 1909                   | Hastings, Ont.                        | 79 0  | 28 6  | 6 7  | 151  | The Randolph Macdonald Co., Ltd., Toronto, Ont.                                       |
| 134457                                   | R. M. Co., Dredge No. 10        | Toronto.                                    | Dredge—Drague     | 1914                   | Welland, Ont.                         | 107 0   | 36 0  | 8 0  | 386  | The Randolph Macdonald Co., Ltd., Toronto, Ont.                                       |
| 130319                                   | R. M. & S. No. 1.               | Toronto.                                    | Scow—Chd.         | 1902                   | Toronto, Ont.                         | 100 0   | 38 0  | 7 5  | 174  | Roger Miller & Sons, Ltd., Toronto, Ont.  |
| 130320                                   | R. M. & S. No. 4                | Toronto.                                    | Scow—Chd.         | 1912                   | Toronto, Ont.                         | 100 0   | 38 0  | 7 5  | 187  | Roger Miller & Sons, Ltd., Toronto, Ont.  |
| 131081                                   | R. M. & S. No. 5                | Toronto.                                    | Scow—Chd.         | 1912                   | Toronto, Ont.                         | 100 0   | 38 0  | 7 5  | 187  | Roger Miller & Sons, Ltd., Toronto, Ont.  |
| 131082                                   | R. M. & S. No. 6                | Toronto.                                    | Scow—Chd.         | 1912                   | Toronto, Ont.                         | 100 0   | 38 0  | 7 5  | 187  | Roger Miller & Sons, Ltd., Toronto, Ont.  |
| 131083                                   | R. M. & S. No. 7                | Toronto.                                    | Scow—Chd.         | 1912                   | Toronto, Ont.                         | 100 0   | 38 0  | 7 5  | 187  | Roger Miller & Sons, Ltd., Toronto, Ont.  |
| 134453                                   | R. M. & S. No. 9                | Toronto.                                    | Scow—Chd.         | 1914                   | Toronto, Ont.                         | 76 0  | 23 0  | 5 6  | 89   | Roger Miller & Sons, Ltd., Toronto, Ont.  |
| 133749                                   | R. M. & S. No. 14.              | Toronto.                                    | Scow—Chd.         | 1914                   | Toronto, Ont.                         | 100 0   | 38 0  | 7 5  | 185  | Roger Miller & Sons, Ltd., Toronto, Ont.  |
| 133743                                   | R. M. & S. Dredge 2             | Toronto.                                    | Dredge—Drague     | 1913                   | Morrisburg, Ont.                      | 57 2  | 21 5  | 6 8  | 210  | Roger Miller & Sons, Ltd., Toronto, Ont.  |
| 130315                                   | R. M. & S. Scow No. 2.          | Toronto.                                    | Scow—Chd.         | 1912                   | Morrisburg, Ont.                      | 70 0  | 20 2  | 4 3  | 44   | The Minister of Public Works, Ottawa, Ont.  |
| 130316                                   | R. M. & S. Scow No. 3.          | Toronto.                                    | Scow—Chd.         | 1912                   | Morrisburg, Ont.                      | 70 0  | 20 2  | 4 3  | 44   | Roger Miller & Sons, Ltd., Toronto, Ont.  |
| 141719                                   | R. P. 2.                        | Vancouver.                                  | Scow—Chd.         | 1920                   | Vancouver, B.C.                       | 80 0  | 30 0  | 7 1  | 147  | The Rat Portage Lumber Co., Ltd., St. Boniface, Man.                                  |
| 140909                                   | R. P. L. No. 1.                 | Vancouver.                                  | Scow—Chd.         | 1912                   | Vancouver, B.C.                       | 74 4  | 26 0  | 5 5  | 85   | The Rat Portage Lumber Co., Ltd., St. Boniface, Man.                                  |
| 141720                                   | R. P. L. No. 11.                | Vancouver.                                  | Scow—Chd.         | 1920                   | Vancouver, B.C.                       | 80 0  | 30 0  | 7 1  | 147  | The Rat Portage Lumber Co., Ltd., St. Boniface, Man.                                  |
| 107564                                   | R. P. S.                        | Charlottetown.                              | Schr—Glt.         | 1899                   | Lower Economy, N.S.                   | 70 8  | 23 0  | 8 0  | 73   | The Minister of the Naval Service, Ottawa, Ont.                                       |
| 134418                                   | R. & H. No. 1.                  | Windsor, Ont.                               | Scow—Chd.         | 1910                   | Vancouver, B.C.                       | 59 2  | 24 0  | 5 7  | 73   | James W. Haeked, Vancouver, B.C.  |
| 74064                                    | R. A. Smith.                    | Quebec, Ont.                                | Scow—Chd.         | 1877                   | River-Thomas, Ont.                    | 40 0  | 12 6  | 3 2  | 71   | Horace Bartlett, Sarnia, Ont.   |
| 141004                                   | R. E. Sullivan.                 | Yarmouth.                                   | Barge—Chd.        | 1891                   | Whitehall, N.Y. U.S.A.                | 92 3  | 18 3  | 8 2  | 115  | Auger & Son, Limited, 132 St. Peter St., Quebec, Que.                                 |
| 122183                                   | R. G. Hervey.                   | Barrington Passage.                         | Stoop.            | 1906                   | Cape Island, N.S.                     | 35 0  | 11 7  | 6 0  | 13   | Mrs. Kosuna Neville, Halifax, N.S.  |
| 122233                                   | R. H. Milford.                  | Ottawa.                                     | Stoop.            | 1907                   | Clarke's Harbour, N.S.                | 33 0  | 11 7  | 5 6  | 43   | Samuel S. Newell, Clarke's Harbour, N.S.  |
| 129020                                   | R. L. Blackburn.                | Ottawa.                                     | Barge—Chd.        | 1907                   | Hull, Que.                            | 62 1  | 24 1  | 8 6  | 208  | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                                     |
| 130317                                   | R. L. Borden.                   | Lanenburg.                                  | Schr—Glt.         | 1911                   | Liverpool, N.S.                       | 115 4   | 26 1  | 10 3   | 99   | Wellhead Alvin Himmelfan, M.O., Koss Bay, N.S.  |
| 130506                                   | R. L. MacKenzie.                | Skelburne.                                  | Schr—Glt.         | 1912                   | East Jordan, N.S.                     | 56 8  | 17 6  | 6 9  | 83   | Alph MacKenzie, M.O., East Jordan, N.S.   |
| 116649                                   | R. M. Cox.                      | Ottawa.                                     | Barge—Chd.        | 1904                   | Hull, Que.                            | 112 8   | 24 0  | 8 2  | 168  | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                                     |

SESSIONAL PAPER No. 22

| 141655 | R. M. Symons         | Sehr-Glt.          | 1920 | Bridgewater, N.S.          | 115 2 | 27 3 | 10 6 | 97   | Wm. Duff, M.O., Lunenburg, N.S.                                       |
|--------|----------------------|--------------------|------|----------------------------|-------|------|------|------|---|
| 141739 | R. P. La Brosse      | Sehr-Glt.          | 1918 | Tadoussac, Que.            | 68 6  | 21 5 | 6 6  | 57   | Hypolite Bouchard, Tadoussac, Que.                                    |
| 100474 | R. Beatrice          | Sehr-Glt.          | 1892 | Malone Bay, N.S.           | 41 6  | 14 4 | 6 4  | 145  | John Pelham, Jannvis Cove, N.S.                                       |
| 122294 | Rachel               | Dredge             | 1905 | Prince Albert, Sask.       | 108 0 | 28 0 | 4 5  | 145  | International Gold Dressing Co., Ltd., Ottawa, Ont.                   |
| 122528 | Rainbow              | Sehr-Glt.          | 1906 | Campbell Island, B.C.      | 51 6  | 16 2 | 3 4  | 54   | Narutoo Sakakawa, Vancouver, B.C.                                     |
| 116936 | Rainbow No. 2        | Barge-Chd.         | 1905 | Victoria, B.C.             | 70 0  | 26 3 | 3 4  | 54   | Narutoo Sakakawa, Vancouver, B.C.                                     |
| 134633 | Rainbow              | Barge-Chd.         | 1915 | North Vancouver, B.C.      | 83 0  | 26 0 | 3 7  | 61   | The Western Transport Co., Ltd., Nanaimo, B.C.                        |
| 96593  | Ralph                | Sehr-Glt.          | 1885 | Pette Vivere, N.S.         | 60 8  | 19 7 | 7 7  | 51   | A. Wry, Buetouche, N.B.   |
| 130256 | Ralph S. Parsons     | Sehr-Glt.          | 1917 | Cherryton, N.S.            | 155 2 | 33 8 | 12 0 | 394  | Grace & Co., Ltd., 145 St. James St., Montreal, Que.                  |
| 100820 | Ranget               | Barrington Passage | 1895 | Barrington, N.S.           | 36 0  | 11 6 | 4 2  | 11   | Andrew Dincaen, Clarke's Harbour, N.S.                                |
| 41568  | Ranget               | Sehr-Glt.          | 1860 | Sandy Beach, Que.          | 55 8  | 18 0 | 7 3  | 42   | Joshua Galland, Grandigne, N.B.                                       |
| 103287 | Raven                | Sehr-Glt.          | 1895 | Shippigan, N.B.            | 35 0  | 12 3 | 4 8  | 11   | F. Aher, Shippigan, N.B.  |
| 122469 | Raymond C.           | Sloop              | 1907 | Cape Island, N.S.          | 33 0  | 11 0 | 6 0  | 18   | Robert L. Newell, Cape Island, N.S.                                   |
| 122596 | Ready Now            | Sehr-Glt.          | 1859 | Boston, Mass., U.S.A.      | 50 5  | 15 8 | 5 3  | 11   | Johnson Denton, Westport, N.S.  |
| 133367 | Rebecca L. Macdonald | Sehr-Glt.          | 1918 | Meteghan, N.S.             | 187 0 | 36 0 | 16 0 | 762  | Bank of British West Africa, Ltd., 17-18 Leadenhall St., London, G.R. |
| 96888  | Red Island           | Light-Ship         |      |                            | 102 0 | 22 0 | 10 6 | 152  | The Minister of Marine and Fisheries, Ottawa, Ont.                    |
| 103272 | Red Wasel            | Sehr-Glt.          | 1893 | Tracadie, N.B.             | 35 2  | 12 0 | 4 8  | 11   | J. Young, Tracadie, N.B.  |
| 109775 | Red Gambel           | Sehr-Glt.          | 1890 | Carriquet, N.B.            | 33 5  | 12 0 | 4 6  | 11   | P. Rive, Carriquet, N.B.  |
| 88821  | Redoubtable          | Sehr-Glt.          | 1886 | St. Alexis, Que.           | 61 0  | 20 4 | 5 3  | 67   | A. W. Dolbel, Grand Greve, Que.                                       |
| 130674 | Reggie P. P.         | Sehr-Glt.          | 1910 | Eastern Point, N.S.        | 40 0  | 10 5 | 5 6  | 11   | Epiphane Kalsbe, Marquis Point, N.S.                                  |
| 103735 | Regim.               | Sehr-Glt.          | 1898 | Port Greenville, N.S.      | 76 0  | 23 7 | 5 5  | 74   | James E. George, Parrsboro, N.S.                                      |
| 85748  | Regina               | Sehr-Glt.          | 1883 | Ste. Anne des Monts, Que.  | 71 5  | 22 4 | 7 9  | 79   | Alfred Parnant, et al; Cap Chat, Que.                                 |
| 122481 | Regina               | Sehr-Glt.          | 1907 | St. Fagance, Que.          | 79 8  | 23 4 | 7 0  | 81   | Alfred Parnant, et al; Cap Chat, Que.                                 |
| 107059 | Reginald R           | Sloop              | 1903 | Baccaro, N.S.              | 43 0  | 14 8 | 5 1  | 16   | Allen Ackinson, Cape Island, N.S., and Wm. McMillan, Lockeport, N.S.  |
| 103706 | Regine               | Sloop              | 1896 | Pubnico, N.S.              | 35 7  | 12 5 | 5 8  | 10   | S. E. Goodwin, Oak Park, N.S.   |
| 122968 | Regine C.            | Sehr-Glt.          | 1890 | Meteghan River, N.S.       | 56 0  | 17 8 | 7 0  | 37   | Ambrose T. Conica, Meteghan River, N.S.                               |
| 137914 | Reine Marie          | Sehr-Glt.          | 1915 | Carriquet, N.B.            | 43 0  | 13 0 | 6 0  | 29   | Patrick E. Lantaigne, Carriquet, N.B.                                 |
| 42707  | Reine Victoria       | Sehr-Glt.          | 1859 | Batisseau, Que.            | 96 0  | 22 5 | 6 4  | 57   | Omer Laitien, Ste. Croix, Que.  |
| 77599  | Reine des Anges      | Sloop              | 1879 | St. Marcel, Que.           | 87 5  | 21 0 | 5 4  | 75   | A. Hamel, Dolbuetere, Que.  |
| 116749 | Reliance             | Sehr-Glt.          | 1905 | Tancook, N.S.              | 43 0  | 11 8 | 5 0  | 14   | Geo. Stanwick, Tenenes Bay, N.S.                                      |
| 122128 | Reliance             | Sehr-Glt.          | 1907 | Dartmouth, N.S.            | 45 0  | 12 8 | 5 9  | 18   | Robin, Jones, & Whitman, Ltd., Halifax, N.S.                          |
| 134322 | Remon.               | Sehr-Glt.          | 1916 | Carriquet, N.B.            | 40 0  | 11 8 | 5 0  | 14   | John G. Robb, Shippigan, N.B., and Joseph Therian, Carriquet, N.B.    |
| 103586 | Remus                | Sehr-Glt.          | 1896 | Shippigan, N.B.            | 39 3  | 13 0 | 5 6  | 17   | W. Carriquet, N.B. Ltd., Chatham, N.B.                                |
| 141491 | Rena I.              | Sloop              | 1905 | Shippigan, N.B.            | 39 7  | 12 7 | 5 0  | 14   | W. S. Logan, Co., Ltd., Chatham, N.B.                                 |
| 107806 | Rena F.              | Sloop              | 1898 | Harbourville, N.S.         | 48 0  | 13 5 | 5 0  | 12   | Geo. W. Mullin, St. John, N.B.  |
| 138613 | Reno Duguay          | Sehr-Glt.          | 1917 | Shippigan, N.B.            | 30 0  | 12 3 | 5 0  | 10   | W. Main Duguay, Shippigan, N.B.                                       |
| 106952 | Replevin             | Sehr-Glt.          | 1890 | Carriquet, N.B.            | 40 0  | 12 3 | 4 2  | 10   | W. S. Logan, Co., Ltd., Chatham, N.B.                                 |
| 107347 | Reta & Rhoda         | Sloop              | 1895 | St. John, N.B.             | 38 4  | 12 0 | 4 2  | 11   | W. S. Logan, Grand Harbour, Grand Manan, N.B.                         |
| 112024 | Reta S.              | Sehr-Glt.          | 1903 | Queensport, N.S.           | 36 6  | 12 4 | 6 2  | 14   | J. N. B. Reid, Conso, N.S.  |
| 441638 | Retraction           | Sehr-Glt.          | 1920 | Conquerall Bank, N.S.      | 116 0 | 26 0 | 15 0 | 148  | J. N. B. Reid & Sons, Ltd., Conquerall Bank, N.S.                     |
| 111521 | Retia E.             | Sehr-Glt.          | 1895 | Cape St. Mary's, N.S.      | 52 5  | 20 5 | 6 9  | 10   | John A. Desette, Cape St. Mary's, N.S.                                |
| 130478 | Reviaw               | Sehr-Glt.          | 1911 | La Have, N.S.              | 57 6  | 12 0 | 5 8  | 13   | Langs Hyslop, et al; Allport, N.B.                                    |
| 86900  | Reviaw               | Sehr-Glt.          | 1894 | Shippigan, N.B.            | 56 4  | 23 5 | 6 5  | 58   | Langs Hyslop, et al; Allport, N.B.                                    |
| 103978 | Reviaw               | Sehr-Glt.          | 1893 | St. Martins, N.B.          | 57 0  | 23 5 | 6 5  | 58   | Langs Hyslop, et al; Allport, N.B.                                    |
| 467907 | Rhoda G.             | Sloop              | 1891 | St. John, N.B.             | 94 0  | 4 4  | 5 6  | 46   | Robert Ransome, North Sydney, N.S.                                    |
| 92529  | Rialto               | Sehr-Glt.          | 1888 | Marine, N.S.               | 60 0  | 20 0 | 7 5  | 46   | Robert Ransome, North Sydney, N.S.                                    |
| 111967 | Rickarton            | Sehr-Glt.          | 1890 | Marine City, Mich., U.S.A. | 222 0 | 36 0 | 22 0 | 1114 | Canada Steamship Lines, Ltd., 9 Victoria Square, Montreal, Que.       |
| 141412 | Richard B. Silver    | Sehr-Glt.          | 1919 | Malone Bay, N.S.           | 123 3 | 27 7 | 11 2 | 224  | Henry W. Adams, M.O., Lunenburg, N.S.                                 |
| 37172  | Richard Vinous       | Sehr-Glt.          | 1861 | Portland, N.B.             | 70 2  | 19 8 | 7 5  | 45   | Res. L. Cleward, Margaretsville, N.S.                                 |
| 141055 | Rickets V. C.        | Sehr-Glt.          | 1913 | Conquerall Bank, N.S.      | 119 0 | 26 0 | 11 4 | 155  | William Forsy, Grand Bank, Nfld.                                      |
| 106922 | Rideau               | Dredge             | 1889 | Wellington, Ont.           | 70 8  | 25 4 | 4 4  | 137  | The Minister of Railways and Canals, Ottawa, Ont.                     |
| 48288  | Ripple               | Sehr-Glt.          | 1884 | Indian Harbour, N.S.       | 46 0  | 15 0 | 5 5  | 21   | W. R. Cutler, Arichat, N.S.   |
| 107537 | Ripple               | Sehr-Glt.          | 1898 | Gannac, N.B.               | 56 9  | 21 3 | 5 7  | 41   | A. E. Flower, Gannac, N.B.  |
| 97191  | Rita                 | Sehr-Glt.          | 1890 | Carriquet, N.B.            | 35 4  | 12 3 | 5 0  | 12   | Robin, Jones & Whitman, Ltd., Halifax, N.S.                           |

\*Foreign name "Effort." †Formerly "Chippewa."

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless—uni de la T.S.F.—Abbreviations—M.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel | Name of Ship<br>Nom du navire | Port of Registry<br>Port d'enregistrement | Rig.<br>Gréement | Build.<br>Construction | Where Built.<br>Lieu de construction | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|------------------------------------|-------------------------------|---|------------------|------------------------|--------------------------------------|---|---|--|--|---|
| 111470                             | River Branch                  | Chatham, N.B.                             | Sch—Glt.         | 1901                   | Shippigan, N.B.                      | 36 9  | 12 6  | 4 3  | 11   | Robin Jones & Whitman, Ltd., Halifax, N.S.  |
| 57688                              | River Dale                    | Halifax                                   | Sch—Glt.         | 1868                   | La Have, N.S.                        | 59 6  | 19 3  | 7 4  | 48   | Thomas Adams, sr., Gaspe, Que.  |
| 75847                              | River Rose                    | Barrington Passage                        | Sch—Glt.         | 1878                   | Port Clyde, N.S.                     | 37 0  | 14 4  | 5 9  | 13   | Walter Coggins, Westport, N.S.  |
| 12972                              | River Swan                    | Archad.                                   | Sch—Glt.         | 1901                   | Tor Bay, N.S.                        | 33 0  | 11 4  | 5 0  | 11   | John J. McKenzie, Canso, N.S.   |
| 35540                              | Riverdale                     | St. John, N.B.                            | Sch—Glt.         | 1883                   | Waterborough, N.B.                   | 75 3  | 25 3  | 7 0  | 84   | T. W. Parker, Cumberland, N.B.  |
| 111446                             | Riviera                       | Halifax                                   | Sch—Glt.         | 1901                   | Shelburne, N.S.                      | 88 0  | 21 0  | 9 4  | 96   | Thomas Gagnon, Arichat, N.S.  |
| 104566                             | Rlob S.                       | Halifax                                   | Sch—Glt.         | 1882                   | Malbone Bay, N.S.                    | 42 0  | 14 6  | 6 4  | 21   | W. W. Lewis, Louisburg, N.S.  |
| 134398                             | Robert J. Dale                | Lanenburg                                 | Sch—Glt.         | 1914                   | Liverpool, N.S.                      | 113 2   | 28 6  | 10 4   | 198  | David Ritey, M.O., La Have, N.S.  |
| 126093                             | Robert H. Christian           | St. Catharines                            | Barge—Chd.       | 1889                   | C.S.A.                               | 93 9  | 17 7  | 8 3  | 107  | George R. Smith, Dunnville, Ont.  |
| 103944                             | Robin                         | Chatham, N.B.                             | Sch—Glt.         | 1899                   | Caraque, N.B.                        | 38 0  | 12 8  | 5 0  | 12   | Robin, Jones & Whitman, Ltd., Halifax, N.S.   |
| 130874                             | Robson                        | New Westminster                           | Dredge—Drague    | 1901                   | Portland, Ore., U.S.A.               | 133 0   | 29 0  | 6 0  | 245  | Pacific Construction Co., Ltd., 510 Hastings St., Vancouver, B.C.                     |
| 122508                             | Rock Breaker No. 1            | Peterboro                                 | Seaw—Chd.        | 1908                   | Campbellford, Ont.                   | 99 0  | 29 0  | 5 1  | 146  | Fredrick D. Brown, Toronto, Ont., and John A. Aylmer, Peterboro, Ont., J.O.           |
| 130895                             | Rock Cutter P. W. D. No. 1    | Victoria                                  | Dredge—Drague    | 1911                   | Victoria, B.C.                       | 100 0   | 36 5  | 7 6  | 222  | The Minister of Public Works, Ottawa, Ont.  |
| 122418                             | Rock King                     | Midland                                   | Dredge—Drague    | 1909                   | Welland, Ont.                        | 101 0   | 30 0  | 8 0  | 401  | The Canadian Dredge & Construction Co., Ltd., Midland, Ont.                           |
| 116805                             | Roland                        | Sorel                                     | Sloop            | 1906                   | Sorel, Que.                          | 103 2   | 23 0  | 7 0  | 121  | Hector Paul, Sorel, Que.  |
| 130480                             | Roland, A. T.                 | Lanenburg                                 | Sch—Glt.         | 1909                   | Fancook, N.S.                        | 41 0  | 10 3  | 3 2  | 51   | Milton and Henry Tanner, Lanenburg, N.S.  |
| 112326                             | Rolf                          | Parrshoro                                 | Sch—Glt.         | 1902                   | Port Greenville, N.S.                | 65 0  | 20 1  | 6 9  | 54   | Leonard A. Rowe, Parrshoro, N.S.  |
| 103358                             | Romco                         | Quebec                                    | Sch—Glt.         | 1869                   | Buc, Que.                            | 38 5  | 13 4  | 5 1  | 22   | G. F. Gibson, Quebec, Que.  |
| 100073                             | Romah                         | St. John, N.B.                            | Sloop            | 1891                   | Cambridge, N.B.                      | 84 4  | 28 9  | 7 4  | 111  | Peter Melnyre, St. John, N.B.   |
| 103887                             | Romah                         | Chatham, N.B.                             | Sch—Glt.         | 1899                   | Shippigan, N.B.                      | 39 0  | 13 7  | 5 7  | 19   | W. S. Loggie Co., Ltd., Chatham, N.B.   |
| 121856                             | Ronald                        | Lanenburg                                 | Sch—Glt.         | 1889                   | Lanenburg, N.S.                      | 100 0   | 25 0  | 10 3   | 100  | Arthur S. Kendall, St. John, Nfld.  |
| 92404                              | Rosa                          | Chatham, N.B.                             | Sch—Glt.         | 1899                   | Shippigan, N.B.                      | 36 2  | 13 4  | 4 0  | 17   | J. V. Lanteigne, Caraque, N.B.  |
| 100108                             | Rossello                      | Durby                                     | Sch—Glt.         | 1895                   | Caraque, N.B.                        | 35 5  | 12 5  | 5 0  | 10   | Philip River, Caraque, N.B.   |
| 116227                             | Rosalia                       | Quebec                                    | Sch—Glt.         | 1892                   | Cape St. Mary's, N.S.                | 42 4  | 13 6  | 5 0  | 18   | John A. Doucette, Cape St. Mary's, N.S.   |
| 107536                             | Rose                          | St. John, N.B.                            | Sch—Glt.         | 1893                   | Isle aux Coudres, Que.               | 33 0  | 10 0  | 3 0  | 5  | Noel Dufour, Isle aux Coudres, Quo  |
| 14744                              | Rose Armee                    | Quebec                                    | Sloop            | 1910                   | St. John, N.B.                       | 55 0  | 15 0  | 5 0  | 28   | Alder Evans, St. John, N.B.   |
| 141230                             | Rose Anne Belliveau           | Weymouth                                  | Sch—Glt.         | 1919                   | Bellevue's Cove, N.S.                | 130 5   | 30 8  | 10 3   | 282  | Edmund Thiverge, Aux au Grues, Que.   |
| 34529                              | Rose Eileen                   | Sydney, N.S.                              | Sch—Glt.         | 1915                   | Bellevue's Cove, N.S.                | 17 1  | 10 6  | 6 0  | 10   | Benjamin Belliveau, et al., Bellevue's Cove, N.S.                                     |
| 103978                             | Rose Mystereuse               | Quebec                                    | Sch—Glt.         | 1896                   | Les Escoules, Que.                   | 55 8  | 17 0  | 5 9  | 39   | Amable Poirnier, Montmagny, Que.  |
| 111790                             | Rosie G.                      | Port Hawkesbury                           | Sch—Glt.         | 1908                   | Little Louane, N.S.                  | 38 7  | 12 4  | 6 2  | 10   | Joseph O'Toole, Louisburg, N.S.   |

SESSIONAL PAPER No. 22

| No.     | Name               | Home             | Agent      | Tonnage | Registered | Class | Remarks  |
|---------|--------------------|------------------|------------|---------|------------|-------|--|
| 126823  | Rosie L.           | Lanenburg        | Sehr—Glt.  | 47 6    | 13 2       | 7 6   | 20 Angus J. Hines, <i>et al.</i> , Ingonish, N.S.                        |
| 116272  | Rosie M. B.        | Halifax          | Sehr—Glt.  | 70 8    | 21 7       | 4 0   | 73 William Henderson, <i>et al.</i> , North Sydney, N.S.                 |
| 141860  | Rouge.             | Montreal         | Barge—Chd. | 70 2    | 17 4       | 2 2   | 46 Round Pup and Paper Co., Ltd., 335 Beaver Hall Square, Montreal, Que. |
| 100668  | Round Islander.    | Kingston         | Barge—Chd. | 40 8    | 12 7       | 3 6   | 14 Henry Baender, Verona, Ont.   |
| 103291  | Rover.             | Desaronto        | Sehr—Glt.  | 42 0    | 15 0       | 3 6   | 12 John Royford Kingston, Ont.   |
| 126816  | Roxby.             | Lanenburg        | Stoop.     | 24 6    | 7 8        | 3 6   | 4 Francis P. Waz, Halifax, N.S.  |
| 79934   | Roxham.            | St. John, N. B.  | Sehr—Glt.  | 72 6    | 25 6       | 5 6   | 84 Maurice H. Tufts, Sackville, N. B.                                    |
| 111833  | Roxton.            | Dieppe           | Stoop.     | 32 0    | 10 0       | 5 5   | 11 Almside T. W. Westport, N.S.  |
| 141464  | Roy Bruce.         | Shelburne        | Sehr—Glt.  | 108 9   | 27 0       | 10 8  | 150 Robert F. Hollett, <i>et al.</i> , Burnt, Nfld.                      |
| 107500  | Ruby.              | Chartham, N. B.  | Barge—Chd. | 59 8    | 22 0       | 6 2   | 53 A. and R. Legee, Co., Ltd., Goggsville, N. B.                         |
| 107500  | Ruby.              | Quebec           | Stoop.     | 37 2    | 15 5       | 4 4   | 14 Henry Shantz, St. Augustin, Que.                                      |
| 107500  | Ruby.              | St. John, N. B.  | Sehr—Glt.  | 40 5    | 14 7       | 4 4   | 15 H. O'Leary, Summersville, N.S.  |
| 141414  | Ruby and Dorothy   | Lanenburg        | Sehr—Glt.  | 120 6   | 26 0       | 11 0  | 160 Ephraim Lambert, Burnt, Nfld.  |
| 141286  | Ruby L. Pentz.     | Halifax          | Sehr—Glt.  | 123 5   | 12 6       | 4 8   | 133 Wallace Corbett, <i>et al.</i> , N. S.                               |
| 100773  | Rupert.            | Chartham, N. B.  | Sehr—Glt.  | 36 4    | 12 6       | 4 8   | 12 P. Rice, Carleton, N. B.  |
| 141627  | Rupert K.          | Parrshoro, N. B. | Sehr—Glt.  | 147 6   | 33 9       | 12 1  | 378 Alvaro O. Scafont, <i>et al.</i> , Parrshoro, N. S.                  |
| 103273  | Russel             | Chartham, N. B.  | Sehr—Glt.  | 36 2    | 12 4       | 4 8   | 10 J. M. Ward, Missou, N. B.   |
| 141139  | Russel S. Zinck.   | La Have.         | Sehr—Glt.  | 109 1   | 26 5       | 10 8  | 121 Willis R. Zinck, M.O., Rose Bay, N. S.                               |
| 94796   | Russel T.          | Charlottetown    | Seh—Glt.   | 80 7    | 22 3       | 8 9   | 79 Wm. Trenholm, Louisburg, N.S.   |
| 122924  | Rustic.            | Chartham, N. B.  | Sehr—Glt.  | 33 0    | 10 0       | 4 6   | 10 Jacob M. Hebert, Shediac, N. B.                                       |
| 107772  | Ruth.              | Chartham, N. B.  | Barge—Chd. | 33 0    | 30 0       | 17 0  | 448 The Dominion Coal Co., Ltd., Sydney, N.S.                            |
| 138550  | Ruth D. Adams.     | Lanenburg        | Sehr—Glt.  | 108 4   | 26 2       | 10 4  | 100 William Duff, M.O., Lanenburg, N.S.                                  |
| 96727   | Ryke.              | Chartham, N. B.  | Sehr—Glt.  | 36 2    | 12 3       | 4 6   | 11 Simai Ache, Shippigan, N. B.  |
| 116771  | S. 1.              | Vancouver        | Seow—Chd.  | 43 0    | 22 7       | 3 7   | 28 Albert E. Stevens, Moodyville, B.C.                                   |
| 122441  | S. 2.              | Vancouver        | Seow—Chd.  | 50 0    | 19 0       | 3 0   | 21 Albert E. Stevens, Moodyville, B.C.                                   |
| 116773  | S. 3.              | Vancouver        | Seow—Chd.  | 47 0    | 22 2       | 3 7   | 38 Albert E. Stevens, Moodyville, B.C.                                   |
| 107909  | S. D.              | St. Andrews      | Stoop.     | 30 0    | 11 3       | 5 0   | 12 Shadreck Baneroff, Grand Manan, N. B.                                 |
| 1334109 | S. E. W. No. 1.    | Vancouver        | Seow—Chd.  | 55 0    | 23 0       | 4 6   | 114 The Vulcan Iron Works, Ltd., Granville Isd., Vancouver, B.C.         |
| 141798  | S. L. C. No. 3.    | New Westminster. | Barge—Chd. | 82 2    | 29 1       | 7 3   | 155 Straits Lumber Co., Ltd., Red Gap, B.C.                              |
| 116952  | S. O. Co. No. 41.  | Sarnia           | Barge—Chd. | 156 6   | 30 0       | 12 0  | 481 The Imperial Oil Ltd., Sarnia, Ont.                                  |
| 140974  | S. P. R. No. 1.    | New Westminster. | Seow—Chd.  | 85 0    | 28 1       | 6 9   | 142 Mrs. Isabella Steud and Robert Parsons, New Westminster, B.C.        |
| 141824  | S. S. M. No. 1.    | New Westminster. | Seow—Chd.  | 60 7    | 20 0       | 4 8   | 48 Geralt Fitz Roy, Payne, Satarua, B.C.                                 |
| 140975  | S. S. P. No. 3.    | New Westminster. | Seow—Chd.  | 79 0    | 25 8       | 6 9   | 121 Robert Parsons and Mrs. Isabella Steud, New Westminster, B.C.        |
| 133355  | S. S. & G. No. 1.  | Vancouver        | Seow—Chd.  | 94 0    | 32 9       | 8 0   | 212 Vancouver Gas Co., Ltd., 425 Carrall St., Vancouver, B.C.            |
| 122441  | S. T. Co. No. 1.   | St. John, N. B.  | Sehr—Glt.  | 170 6   | 38 3       | 12 6  | 565 Maurice H. Tufts, Salmon River, N. B.                                |
| 126281  | S. T. Co. No. 3.   | St. John, N. B.  | Sehr—Glt.  | 175 3   | 38 5       | 12 6  | 623 Maurice H. Tufts, Salmon River, N. B.                                |
| 130357  | S. D. Coudrook.    | Arlabat.         | Sehr—Glt.  | 34 0    | 12 0       | 5 6   | 11 Amie C. Boudrot, Paduamond, N.S.                                      |
| 126134  | S. M. Columbia.    | Halifax          | Sehr—Glt.  | 72 0    | 21 0       | 9 6   | 63 The Minister of Marine and Fisheries, Ottawa, Ont.                    |
| 133459  | S. McN. L. Derrick | Montreal         | Seow—Chd.  | 96 5    | 27 6       | 4 0   | 84 The Sincennes-McNaughton Linc, Ltd., 75 Common St., Montreal, Que.    |
| 138828  | Sadie A. Knickle.  | Lanenburg        | Sehr—Glt.  | 113 2   | 25 8       | 10 4  | 97 Roland Knickle, M.O., Lanenburg, N.S.                                 |
| 122307  | Sadie H.           | Lanenburg        | Sehr—Glt.  | 45 8    | 12 8       | 6 6   | 17 H. J. Balcorn, Port Dufferin, N.S.                                    |
| 92608   | Sadie M.           | Sydney, N. S.    | Sehr—Glt.  | 32 0    | 12 9       | 5 3   | 11 D. McLeod, Ingonish, N.S.   |
| 130000  | Sadie No. 1.       | Victoria         | Barge—Chd. | 90 0    | 32 0       | 8 0   | 133 Victoria Tug Co., Ltd., Victoria, B.C.                               |
| 133681  | Sadie No. 2.       | Victoria         | Barge—Chd. | 90 0    | 32 0       | 8 0   | 183 Victoria Tug Co., Ltd., Victoria, B.C.                               |
| 111771  | Sadie No. 3.       | Victoria         | Barge—Chd. | 90 0    | 28 0       | 6 6   | 108 Victoria Tug Co., Ltd., 1003 Government St., Victoria, B.C.          |
| 131637  | Sadie No. 4.       | Victoria         | Barge—Chd. | 90 0    | 28 0       | 6 6   | 183 Victoria Tug Co., Ltd., Victoria, B.C.                               |
| 116910  | Sadie No. 5.       | Victoria         | Barge—Chd. | 90 0    | 28 0       | 6 6   | 108 Victoria Tug Co., Ltd., Victoria, B.C.                               |
| 133682  | Sadie No. 6.       | Victoria         | Barge—Chd. | 98 0    | 32 0       | 8 0   | 206 Victoria Tug Co., Ltd., Victoria, B.C.                               |
| 141612  | Sadie No. 7.       | Victoria         | Seow—Chd.  | 90 0    | 34 0       | 9 6   | 234 Victoria Tug Co., Ltd., Victoria, B.C.                               |
| 133684  | Sadie No. 8.       | Victoria         | Barge—Chd. | 92 0    | 32 0       | 8 0   | 183 Victoria Tug Co., Ltd., Victoria, B.C.                               |

<sup>1</sup>Foreign name "Beaver." <sup>2</sup>Formerly "Forest Belle." <sup>3</sup>Formerly "Raeburn." <sup>4</sup>Foreign name, "Standard."

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless Mimi de la T.S.F. — Abbreviations — Abréviations: J.O., Joint owners — propriétaires conjoints; M.O., Managing owner — propriétaire gérant.

| Official Number<br>Numéro officiel | Name of Ship<br>Nom du navire | Port of Registry<br>Port d'enregistrement | Rig.<br>Gréement | Build.<br>Construction | Where Built<br>Lieu de construction       | Length in feet and 10ths.<br>Longueur en pieds et 10ths. | Breadth in feet and 10ths.<br>Largeur en pieds et 10ths. | Depth in feet and 10ths.<br>Profondeur en pieds et 10ths. | Registered Tonnage<br>Tonnage enregistré | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|------------------------------------|-------------------------------|---|------------------|------------------------|---|--|--|---|--|---|
| 132655                             | Stadio No. 9                  | Victoria                                  | Barge—Chd.       | 1911                   | Victoria, B.C.                            | 90 0   | 32 0   | 8 0   | 183                                      | Victoria Tug Co., Ltd., Victoria, B.C.  |
| 132691                             | Stadio No. 10                 | Victoria                                  | Barge—Chd.       | 1911                   | Victoria, B.C.                            | 90 0   | 32 0   | 8 0   | 183                                      | Victoria Tug Co., Ltd., Victoria, B.C.  |
| 132692                             | Stadio No. 11                 | Victoria                                  | Barge—Chd.       | 1911                   | Victoria, B.C.                            | 90 0   | 32 0   | 8 0   | 183                                      | Sir John Jackson (Canada) Ltd., Westminster, G.B.                                     |
| 132777                             | Stadio No. 12                 | Victoria                                  | Barge—Chd.       | 1913                   | Victoria, B.C.                            | 90 0   | 32 0   | 8 0   | 183                                      | Victoria Tug Co., Ltd., Victoria, B.C.  |
| 134658                             | Stadio No. 14                 | Victoria                                  | Barge—Chd.       | 1912                   | Edmore, B.C.                              | 83 6   | 32 0   | 7 5   | 164                                      | Victoria Tug Co., Ltd., 1003 Government St., Victoria, B.C.                           |
| 124743                             | Stadio No. 15                 | Victoria                                  | Barge—Chd.       | 1909                   | Vancouver, B.C.                           | 77 3   | 28 7   | 7 7   | 161                                      | Victoria Tug Co., Ltd., Victoria, B.C.  |
| 423361                             | Stadio O. Holmes              | Amquiopolis Royal                         | Sloop—Glt.       | 1887                   | Gibson, N.B.                              | 80 6   | 26 8   | 8 0   | 48                                       | A. W. Peitzsch, M.O., Isaac's Harbour, N.S.   |
| 100193                             | Sudie Turpie                  | Victoria                                  | Schr—Glt.        | 1892                   | Victoria, B.C.                            | 76 0   | 20 5   | 7 4   | 35                                       | Mrs. J. A. Ball, Heriot Bay, B.C.   |
| 73335                              | Sudie                         | Halifax                                   | Schr—Glt.        | 1877                   | Tusket, N.S.                              | 60 5   | 18 2   | 6 1   | 56                                       | David Doucette, Cheticamp, N.S.   |
| 116234                             | Surgemay                      | Quebec                                    | Schr—Glt.        | 1903                   | Les Escoumains, Que.                      | 74 4   | 22 9   | 7 7   | 81                                       | Alfred Wolfart, Les Escoumains, Que.  |
| 121928                             | St. Adolphe, B. B.            | Quebec                                    | Schr—Glt.        | 1906                   | Île-aux-Contres, Que.                     | 47 2   | 15 8   | 5 7   | 25                                       | Alphonse Desgagné, Île aux Contres, Que.  |
| 69082                              | Saint Agnes                   | Halifax                                   | Schr—Glt.        | 1874                   | Chicoutcook, N.S.                         | 49 8   | 16 9   | 7 3   | 38                                       | W. H. Mitchell, Jeddore, N.S.   |
| 438133                             | St. Albert                    | Quebec                                    | Schr—Glt.        | 1915                   | Petite Rivière, Que.                      | 74 6   | 23 4   | 6 3   | 67                                       | David Tremblay, Mille Vaches, Que.  |
| 121921                             | St. Alexis                    | Quebec                                    | Schr—Glt.        | 1906                   | Grande Baie, Que.                         | 68 0   | 21 0   | 6 6   | 52                                       | David St. Gelais, Escoumains, Que.  |
| 103515                             | St. Alfred                    | Quebec                                    | Sloop—Glt.       | 1906                   | Pornicau, Que.                            | 55 8   | 17 0   | 4 6   | 26                                       | Blot Pedault, Île aux Contres, Que.   |
| 103515                             | St. Alphonse                  | Quebec                                    | Sloop—Glt.       | 1904                   | St. Alphonse, Que.                        | 38 6   | 13 2   | 5 3   | 19                                       | Wm. Fraim & Co., Ltd., Jersey, C.I.   |
| 103515                             | St. Anne                      | Quebec                                    | Sloop—Glt.       | 1894                   | Larnock, N.B.                             | 39 0   | 13 2   | 5 3   | 15                                       | Onésime Claisson, Shippagan, N.B.   |
| 116173                             | St. Antoine                   | Chatham, N.B.                             | Schr—Glt.        | 1904                   | Shippagan, N.B.                           | 44 0   | 12 9   | 5 8   | 14                                       | B. Charland, St. Jean Deschaillons, Que.  |
| 100363                             | St. Antoine                   | Quebec                                    | Schr—Glt.        | 1891                   | St. Croix, Que.                           | 85 6   | 22 4   | 6 6   | 83                                       | Antoine Morneau, Leclercville, Que.   |
| 102026                             | St. Antoine                   | Quebec                                    | Barge—Chd.       | 1901                   | Chatham, N.B.                             | 83 4   | 23 3   | 7 2   | 98                                       | Wilfred Vézina, Cranio Island, Que.   |
| 107699                             | St. Antoine                   | Quebec                                    | Barge—Chd.       | 1899                   | Grano Island, Que.                        | 39 8   | 16 4   | 5 4   | 22                                       | Solomon Tremblay, Les Eboullements, Que.  |
| 116214                             | St. Antoine                   | Quebec                                    | Schr—Glt.        | 1902                   | Les Eboullements, Que.                    | 59 4   | 18 0   | 5 2   | 52                                       | J. T. Alexis, et al., St. Anne de Chocomaui, Que.                                     |
| 114888                             | St. Antoine                   | Quebec                                    | Schr—Glt.        | 1906                   | St. Fulgence, Que.                        | 72 0   | 20 6   | 6 8   | 34                                       | Arthur Tremblay, Les Eboullements, Que.   |
| 116763                             | St. Antoine                   | Quebec                                    | Schr—Glt.        | 1906                   | Les Eboullements, Que.                    | 58 0   | 18 1   | 5 4   | 25                                       | Charles Mercier, Montmagny, Que.  |
| 121667                             | St. Antoine                   | Quebec                                    | Sloop—Glt.       | 1906                   | L'Isle, Que.                              | 51 0   | 17 8   | 4 9   | 31                                       | Alfred Bouchard, Petite Rivière, Co. Charlevoix, Que.                                 |
| 107679                             | St. Antoine de                | Quebec                                    | Schr—Glt.        | 1906                   | Petite Rivière, St. François Xavier, Que. | 71 4   | 22 0   | 6 4   | 58                                       | Alfred Bouchard, Petite Rivière, Co. Charlevoix, Que.                                 |
|                                    | Padone                        | Quebec                                    | Schr—Glt.        | 1906                   | Chicoutamp, N.S.                          | 37 8   | 22 1   | 5 9   | 15                                       | Robin, Jones & Whitman, Ltd., Halifax, N.S.   |
| 111792                             | Saint Aubin                   | Port Hawkesbury                           | Schr—Glt.        | 1903                   | Chicoutamp, N.S.                          | 70 0   | 23 9   | 7 2   | 65                                       | Arthur Ducloux, St. Irénée, Que.  |
| 111886                             | St. Cécile                    | Port Hawkesbury                           | Schr—Glt.        | 1900                   | Île aux Contres, Que.                     | 70 0   | 23 9   | 7 2   | 65                                       | Adolphe Fraser, Green Island, Que.  |
| 107676                             | St. Charles                   | Quebec                                    | Sloop—Glt.       | 1889                   | Green Island, Que.                        | 38 0   | 14 8   | 4 4   | 16                                       | Philéas Morneau, L'Islet, Que.  |
| 103131                             | St. Charles                   | Quebec                                    | Sloop—Glt.       | 1883                   | L'Islet, Que.                             | 30 8   | 14 6   | 4 2   | 16                                       | Philéas Morneau, L'Islet, Que.  |
| 134140                             | St. Charles de la             | Quebec                                    | Yawl—Yawl        | 1914                   | Malbato, Que.                             | 75 4   | 24 0   | 6 7   | 51                                       | Charles Gagnon, Malbato, Que.   |
|                                    | Malbato                       | Quebec                                    | Yawl—Yawl        | 1914                   | Malbato, Que.                             | 75 4   | 24 0   | 6 7   | 51                                       | Charles Gagnon, Malbato, Que.   |
| 71210                              | St. Clair                     | Chatham, Ont.                             | Schr—Glt.        | 1875                   | Sophiasburg, Ont.                         | 82 0   | 24 0   | 8 0   | 101                                      | Peter Haggblom, Port Burwell, Ont.  |
| 141223                             | St. Clair-Therault            | Weymouth                                  | Schr—Glt.        | 1919                   | Belliveau's Cove, N.S.                    | 135 5  | 31 6   | 11 3  | 347                                      | Peter A., and St. Clair-Therault, Belliveau's Cove, N.S.                              |

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| 130756 | St. Clements             | Port, Hawkesbury | Schr—Glt      | 1912 | Eastern Harbour, N.S.                        | 47 0  | 12 3 | 6 4  | 12  | Robin, Jones & Whitman, Ltd., Halifax, N.S.                     |
|--------|--------------------------|------------------|---------------|------|--|-------|------|------|-----|---|
| 116880 | Saint Dominique          | Archat           | Schr—Glt      | 1903 | Perit de Grat, N.S.                          | 47 0  | 13 0 | 6 9  | 25  | Charles Fongara and Huret Dorion, J.O., Port Felix, N.S.        |
| 100893 | St. Edouard              | Quebec           | Schr—Glt      | 1894 | St. Siméon, Que.                             | 58 6  | 18 0 | 7 0  | 21  | C. Gagnon, St. Siméon, Qué. Deschailhons, Que.                  |
| 100388 | St. Edouard              | Quebec           | Schr—Glt      | 1892 | Gentilly, Que.                               | 105 6 | 22 9 | 7 3  | 134 | Philippe Darré, St. Jean Deschailhons, Que.                     |
| 122448 | St. Edouard              | Quebec           | Sloop         | 1907 | St. Famille, Que.                            | 68 6  | 23 5 | 7 0  | 57  | Maurice Darré, Les Minimes, Que.                                |
| 141501 | St. Fidèle               | Quebec           | Schr—Glt      | 1917 | St. Fidèle, Que.                             | 77 0  | 24 4 | 7 5  | 81  | Joséph and Paul Dufour, J.O., St. Fidèle, Quebec.               |
| 97135  | St. François             | Quebec           | Schr—Glt      | 1890 | La Petite Rivière, Que.                      | 48 0  | 16 8 | 4 6  | 19  | E. Dumoulin, Tadoussac, Que.                                    |
| 107240 | St. François             | Quebec           | Sloop         | 1898 | St. Siméon, Que.                             | 41 6  | 14 3 | 4 6  | 17  | J. Foster, St. Siméon, Que.                                     |
| 80747  | St. François Xavier      | Quebec           | Schr—Glt      | 1873 | Mille Vaches, Que.                           | 56 1  | 17 5 | 6 0  | 34  | Alfred Bernard, Les Petites Rivières, St. François Xavier, Que. |
| 121927 | St. François Xavier      | Quebec           | Sloop         | 1906 | Rivière François, Que.                       | 63 4  | 22 9 | 5 4  | 49  | Thomas Lavigne, St. O. Rivière St. François, Que.               |
| 116221 | St. George               | Quebec           | Schr—Glt      | 1900 | Nicolet, Que.                                | 97 2  | 22 8 | 7 2  | 216 | Achille Lavigne, St. Paul Véronais, Que.                        |
| 97123  | St. George               | Quebec           | Sloop         | 1886 | St. Thomas, Que.                             | 52 8  | 16 4 | 5 4  | 26  | Narcisse Collin, Montigny, Que.                                 |
| 116701 | St. George               | Quebec           | Sloop         | 1901 | St. Jean Deschailhons, Que.                  | 63 6  | 16 9 | 4 8  | 30  | Alexandre Hamel, St. Jean Deschailhons, Que.                    |
| 111612 | St. George               | Quebec           | Sloop         | 1901 | La Petite Rivière, St. François Xavier, Que. | 54 0  | 18 6 | 5 2  | 37  | Eugène Dufour, Petite Rivière, St. François Xavier, Que.        |
| 103361 | St. George               | Quebec           | Sloop         | 1891 | Chateau Richer, Que.                         | 60 0  | 20 6 | 5 7  | 43  | P. Simard, Chateau Richer, Que.                                 |
| 88258  | St. George               | St. John, N.B.   | Schr—Glt      | 1879 | Westfield, N.B.                              | 55 5  | 17 0 | 3 5  | 26  | C. E. Belyea, St. John, N.B.                                    |
| 126934 | St. Gregoire             | Quebec           | Schr—Glt      | 1911 | Baie St. Paul, Que.                          | 75 3  | 24 4 | 6 7  | 68  | Théodore Gagné, Cap Chat, Que.                                  |
| 103500 | St. Helena               | Lanenburg        | Schr—Glt      | 1896 | Lanenburg, N.S.                              | 97 8  | 23 8 | 9 0  | 99  | Richard T. Sainthill, North Sydney, N.S.                        |
| 107491 | St. Hilaire              | Quebec           | Sloop         | 1898 | Baie St. Paul, Que.                          | 42 6  | 13 0 | 6 5  | 29  | P. Tremblay, Isle aux Coudres, Que.                             |
| 111623 | St. Hilaire              | Quebec           | Schr—Glt      | 1901 | Grandes Bergeronnes, Que.                    | 70 4  | 20 3 | 6 0  | 58  | Jules Tremblay, Les Eboulements, Que.                           |
| 53817  | St. Jean                 | Quebec           | Barge—Glt     | 1865 | Patiacan, Que.                               | 83 0  | 22 6 | 5 6  | 68  | Jean Lemay, St. Jean Deschailhons, Que.                         |
| 121926 | St. Jean Baptiste        | Quebec           | Schr—Glt      | 1906 | Les Ecoureuls, Que.                          | 70 2  | 20 6 | 6 4  | 62  | Joseph A. Rouleau, Matane, Que.                                 |
| 111469 | St. John                 | Chatham, N.B.    | Schr—Glt      | 1901 | Shippigan, N.B.                              | 40 7  | 13 0 | 5 2  | 13  | John Aché, Shippigan, N.B.                                      |
| 112167 | St. Joseph               | Chatham, N.B.    | Schr—Glt      | 1903 | Caracquet, N.B.                              | 33 0  | 11 8 | 5 0  | 10  | R. Gionet, Caracquet, N.B.                                      |
| 103008 | St. Joseph               | Chatham, N.B.    | Schr—Glt      | 1916 | Shippigan, N.B.                              | 39 0  | 12 3 | 5 0  | 14  | Eugène H. Gauvin, Shippigan, N.B.                               |
| 83254  | St. Joseph               | Quebec           | Schr—Glt      | 1881 | Isle Verte, Que.                             | 45 5  | 15 1 | 3 5  | 13  | J. Perron, Les Eboulements, Que.                                |
| 106867 | St. Joseph               | Quebec           | Schr—Glt      | 1888 | Isle aux Coudres, Que.                       | 47 6  | 15 6 | 4 8  | 19  | A. Boily, St. Louis, Isle aux Coudres, Que.                     |
| 103353 | St. Joseph               | Quebec           | Sloop         | 1893 | St. Jean Deschailhons, Que.                  | 56 4  | 17 2 | 5 2  | 22  | A. Hamel, St. Jean Deschailhons, Que.                           |
| 103626 | St. Joseph               | Quebec           | Schr—Glt      | 1895 | Les Ecoureuls, Que.                          | 98 9  | 22 9 | 7 2  | 111 | A. Bois, Les Ecoureuls, Que.                                    |
| 103840 | St. Joseph               | Quebec           | Schr—Glt      | 1896 | Chateau Richer, Que.                         | 98 0  | 23 2 | 6 9  | 99  | E. Himbeault, Chateau Richer, Que.                              |
| 107232 | St. Joseph               | Quebec           | Schr—Glt      | 1897 | St. Siméon, Que.                             | 64 6  | 20 5 | 5 6  | 48  | Elzéar Gagnon, M.O., St. Fulgence, Que.                         |
| 114481 | St. Joseph               | Quebec           | Sloop         | 1900 | La Petite Rivière, St. François Xavier, Que. | 59 4  | 20 4 | 5 0  | 36  | Thomas Tremblay, Rivière St. François, Que.                     |
| 107234 | St. Joseph Trois Saumons | Quebec           | Sloop         | 1898 | St. Jean Port Joli, Que.                     | 49 8  | 18 2 | 5 6  | 28  | Nelson Blanchette, Cap St. Ignace, Que.                         |
| 85467  | St. Laurent              | Quebec           | Schr—Glt      | 1882 | Rimouski, Que.                               | 75 2  | 21 0 | 7 1  | 70  | Joseph Ouellet, St. Germain de Rimouski, Que.                   |
| 107737 | St. Lawrence             | Kingston         | Dredge—Drague | 1890 | Corwall, Ont.                                | 90 2  | 30 1 | 6 0  | 125 | Edward Manley, et al., J.O., Thorold, Ont.                      |
| 103461 | St. Lidwin               | Archat           | Schr—Glt      | 1896 | L'Ardoise, N.S.                              | 35 9  | 10 2 | 5 3  | 11  | Alexander Peters, L'Ardoise, N.S.                               |
| 75636  | Saint Louis              | Kingston         | Bkrg—Bklt     | 1877 | St. Catharines, Ont.                         | 127 7 | 26 2 | 11 9 | 334 | Miss Jane Thompson Patterson, Kingston, Ont.                    |
| 107496 | St. Louis                | Quebec           | Sloop         | 1897 | St. Siméon, Que.                             | 37 0  | 13 0 | 4 0  | 13  | L. Dufour, St. Siméon, Que.                                     |
| 100362 | St. Louis                | Quebec           | Sloop         | 1891 | Isle aux Coudres, Que.                       | 53 4  | 15 4 | 5 8  | 23  | Alphé Bergeron, M.O., Isle aux Coudres, Que.                    |
| 121661 | St. Louis                | Quebec           | Schr—Glt      | 1905 | Baie St. Paul, Que.                          | 77 0  | 24 6 | 6 8  | 34  | Joseph Bouillon, Rimouski, Que.                                 |
| 121670 | St. Michel               | Quebec           | Sloop         | 1906 | La Petite Rivière, Que.                      | 59 0  | 18 8 | 5 4  | 64  | Éloi Bouchard, La Petite Rivière St. François, Que.             |
| 100453 | St. Nicolas              | Quebec           | Schr—Glt      | 1891 | Chateau Richer, Que.                         | 70 0  | 23 8 | 6 4  | 36  | Timothy Harvey, M.O., Baie St. Paul, Que.                       |
| 134139 | St. Omer                 | Quebec           | Schr—Glt      | 1908 | Trois Pistoles, Que.                         | 67 6  | 20 2 | 5 7  | 40  | Timothy Harvey, Baie St. Paul, Que.                             |
| 108400 | St. Patrick              | Canso            | Schr—Glt      | 1901 | Port Felix, N.S.                             | 43 0  | 13 2 | 7 6  | 18  | R. Belfontaine, Port Felix, N.S.                                |
| 83096  | Saint Patriek            | Chatham, N.B.    | Schr—Glt      | 1884 | Margaree, N.S.                               | 41 2  | 13 9 | 5 7  | 16  | J. White, Alberton, P.E.I.                                      |
| 122065 | St. Paul                 | Montreal         | Sloop         | 1894 | Thomases de Pierreville, Que.                | 83 5  | 20 3 | 5 1  | 65  | Paul Joly, Ste. Anne de Sorel, Que.                             |
| 111620 | St. Paul                 | Quebec           | Sloop         | 1901 | Baie St. Paul, Que.                          | 66 6  | 24 6 | 6 2  | 56  | Cyrille Lévesque, Green Island, Que.                            |
| 107776 | St. Peter                | Chatham, N.B.    | Schr—Glt      | 1900 | Shippigan, N.B.                              | 39 0  | 12 6 | 5 0  | 12  | Adolphe Aché, Shippigan, N.B.                                   |

\*Formerly "XII." †Formerly "Genesta."

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

©Equipped with Wireless—Muni de la T. S. F.—*Abbreviations*: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Rig.<br>Gréement. | Built.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10 <sup>es</sup> . | Breadth in feet and 10ths.<br>Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths.<br>Profondeur en pieds et 10 <sup>es</sup> . | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|---------------------------------|---|-------------------|------------------------|---------------------------------------|--|--|---|--|---|
| 88297                               | St. Philippe                    | Quebec                                      | Barge—Clud.       | 1884                   | St. Thomas de Pierre-Verte, Que.      | 100 0  | 22 5   | 7 4   | 121  | Jos. Durand, Champlain, Que.  |
| 107899                              | St. Pierre                      | Montreal                                    | Dredge—Drague     | 1899                   | Pierre Rivers, Que.                   | 79 2   | 28 0   | 8 1   | 180  | Stimpson Brothers Co., Ltd., 232 St. James St., Montreal, Que.                        |
| 103564                              | St. Roch                        | Montreal                                    | Sloop             | 1891                   | Pierreville, Que.                     | 107 9  | 22 8   | 7 9   | 110  | Alcide Charland, Montreal, Que.   |
| 103987                              | St. Roch                        | Quebec                                      | Sloop             | 1897                   | Grandes Bergeronnes, Que.             | 57 0   | 19 0   | 4 8   | 32   | A. Tremblay, Grandes Bergeronnes, Que.  |
| 122062                              | St. Romuald                     | Montreal                                    | Sloop             | 1906                   | Navig. Duque de Pierre-Verte, Que.    | 109 7  | 23 6   | 7 7   | 138  | Ernest Lizotte, Pierreville, Que.   |
| 130660                              | St. Sauveur                     | Chatham, N.B.                               | Schr—Glt.         | 1912                   | Lambé, N.B.                           | 37 5   | 14 0   | 6 5   | 18   | Isaac Chiasson, Lamack, N.B.  |
| 134338                              | St. Simon                       | Chatham, N.B.                               | Schr—Glt.         | 1914                   | St. Simon, N.B.                       | 38 5   | 13 8   | 5 6   | 16   | Philomene Chiasson, St. Simon, N.B.   |
| 131019                              | St. Stanislas                   | Quebec                                      | Schr—Glt.         | 1907                   | Lotbinière, Que.                      | 76 7   | 23 2   | 6 5   | 51   | Xavier Marion, Lotbinière, Que.   |
| 107318                              | St. Stephen                     | Tulitac                                     | Schr—Glt.         | 1899                   | Port Folie, N.S.                      | 47 5   | 12 7   | 6 8   | 19   | Edgar M. Peters, et al., Port Morien, N.S.  |
| 111902                              | St. Thomas                      | Arletac                                     | Schr—Glt.         | 1901                   | Rockdale, N.S.                        | 39 0   | 11 0   | 5 0   | 10   | Thomas Pottier, Rockdale, N.S.  |
| 119011                              | St. Thomas                      | Quebec                                      | Sloop             | 1902                   | Montmayeur, Que.                      | 62 4   | 19 5   | 5 7   | 37   | Emile Fournier, L'Islet, Que.   |
| 138514                              | St. Zéphir                      | Quebec                                      | Schr—Glt.         | 1917                   | Petite Rivière St. Francois, Que.     | 75 0   | 25 0   | 6 8   | 81   | Louis Roy, St. Ulric, Que.  |
| 107225                              | Ste. Apollonsine                | Quebec                                      | Schr—Glt.         | 1897                   | Château Richer, Que.                  | 59 0   | 18 6   | 8 1   | 41   | F. Simard, Château Richer, Que.   |
| 117187                              | Ste. Anne                       | Chatham, N.B.                               | Schr—Glt.         | 1906                   | Shippigan Island, N.B.                | 37 0   | 13 0   | 5 4   | 13   | Jean P. Noel, Shippigan Island, N.B.  |
| 88319                               | Ste. Anne                       | Quebec                                      | Schr—Glt.         | 1883                   | St. Antoine, Que.                     | 31 6   | 13 5   | 5 3   | 14   | C. Vézina, Crane Island, Que.   |
| 73026                               | Ste. Anne                       | Quebec                                      | Schr—Glt.         | 1878                   | Beauceville, Que.                     | 45 0   | 16 2   | 6 5   | 20   | Lazare Michaud, Isle Verte, Que.  |
| 92765                               | Ste. Anne                       | Quebec                                      | Schr—Glt.         | 1886                   | Bon Desir, Que.                       | 48 8   | 16 8   | 6 4   | 28   | J. Truchon, Bon Desir, Que.   |
| 116216                              | Ste. Anne                       | Quebec                                      | Schr—Glt.         | 1901                   | Montmayeur, Que.                      | 51 6   | 18 2   | 6 8   | 40   | Ren. E. Goudreau, Montmayeur, Que.  |
| 103149                              | Ste. Anne                       | Quebec                                      | Schr—Glt.         | 1891                   | Isle aux Coudres, Que.                | 55 6   | 17 4   | 6 0   | 36   | Adelard Fournier, St. Jean Port Joli, Que.  |
| 107651                              | Ste. Anne                       | Quebec                                      | Schr—Glt.         | 1898                   | St. Irénée, Que.                      | 83 4   | 23 7   | 9 2   | 102  | Celestin Lafloie, St. Irénée, Que.  |
| 107670                              | Ste. Anne                       | Quebec                                      | Schr—Glt.         | 1895                   | Missis River, Que.                    | 41 2   | 13 6   | 5 5   | 18   | Cleophas Pelletier, Little Matano, Que.   |
| 107677                              | Ste. Anne                       | Quebec                                      | Barge—Clud.       | 1895                   | St. Antoine de Tilley, Que.           | 96 6   | 25 1   | 7 2   | 122  | Jean Collin, St. Antoine de Tilley, Que.  |
| 103532                              | Ste. Anne                       | Quebec                                      | Schr—Glt.         | 1895                   | Les Etchemonts, Que.                  | 50 8   | 17 8   | 6 0   | 31   | A. Tremblay, Les Etchemonts, Que.   |
| 107291                              | Ste. Anne                       | Quebec                                      | Schr—Glt.         | 1897                   | Manticougan, Que.                     | 35 6   | 12 4   | 5 4   | 13   | M. Chouinard, Manticougan, Que.   |
| 122235                              | Ste. Anne                       | Quebec                                      | Schr—Glt.         | 1906                   | Ste. Anne de la Pocatière, Que.       | 49 6   | 16 5   | 6 4   | 28   | Auguste Lafrance, Ste. Anne de la Pocatière, Que.                                     |
| 103073                              | Ste. Augustine                  | Quebec                                      | Schr—Glt.         | 1896                   | Sandy Bay, Que.                       | 35 4   | 12 8   | 5 0   | 12   | Joseph Harvey, et al., Isle aux Coudres, Que.   |
| 117189                              | Ste. Cecilia                    | Chatham, N.B.                               | Schr—Glt.         | 1902                   | Shippigan Island, N.B.                | 37 0   | 12 8   | 5 4   | 13   | Mrs. Gelas Aehlé, Lamack, N.B.  |
| 119037                              | Ste. Croix                      | Quebec                                      | Sloop             | 1906                   | Le Petite Rivière, Que.               | 65 4   | 20 2   | 5 5   | 41   | Stanley Gauthier, St. Irénée, Que.  |
| 107667                              | Ste. Croix                      | Quebec                                      | Schr—Glt.         | 1899                   | Ste. Croix, Que.                      | 77 2   | 21 4   | 6 2   | 63   | Eugène Bossé, Lotbinière, Que.  |
| 122601                              | Ste. Julie                      | Chatham, N.B.                               | Schr—Glt.         | 1906                   | Shippigan Island, N.B.                | 37 0   | 13 0   | 5 3   | 12   | Octave P. Noel, Shippigan Island, N.B.  |



|        |                   |                    |                |      |                                      |       |      |      |     |  |
|--------|-------------------|--------------------|----------------|------|--------------------------------------|-------|------|------|-----|--|
| 12031  | St. Marie         | Schr—Glt           | Quebec         | 1902 | Manicouagan, Que.                    | 58 8  | 18 4 | 7 0  | 47  | Etienne Landry, Manicouagan, Que.  |
| 92334  | St. Marie         | Schr—Glt           | Quebec         | 1886 | Moisie, Que.                         | 60 0  | 20 6 | 7 8  | 53  | Wilfrid Guinard, St. Jérôme de Matane, Que.  |
| 107508 | St. Marie         | Barge—Chd.         | Quebec         | 1898 | St. Siméon, Que.                     | 95 0  | 23 2 | 5 4  | 107 | Arthur Talon, St. Siméon, Que.   |
| 134010 | St. Urbain        | Schr—Glt           | Quebec         | 1898 | St. Siméon, Que.                     | 64 0  | 20 2 | 5 4  | 41  | Wm. Savard, St. Siméon, Que.   |
| 441100 | Sakamoto No. 1    | Schr—Glt           | Chatham, N.B.  | 1914 | Lamek, N.B.                          | 44 0  | 14 3 | 6 5  | 91  | Joseph F. and Adolphe Ahié, J.O., Lamek, N.B.  |
| 126442 | San Lucas         | New Westminster    | Quebec         | 1918 | Steveston, B.C.                      | 40 0  | 21 9 | 3 5  | 20  | Bunji Hisoaka, Vancouver, B.C.   |
| 138515 | San Pedro         | Barrington Passage | Quebec         | 1908 | Clarke's Harbour, N.S.               | 33 0  | 12 0 | 5 7  | 11  | Benjamin Newell, West Head, Cape Island, N.S.  |
| 130763 | Sand Bay          | Sloop              | Quebec         | 1915 | Padouac, Que.                        | 82 1  | 26 7 | 6 6  | 83  | Grant Pike, Wolfe Island, Ont.   |
| 97015  | Sand Pile         | Schr—Chd.          | Kingston, Ont. | 1912 | Kingston, Ont.                       | 45 2  | 22 8 | 6 0  | 92  | W. Hand, Port Dalhousie, Ont.  |
| 140952 | Sand Washer No. 4 | Schr—Chd.          | St. Catharines | 1885 | U.S.A.                               | 82 8  | 20 0 | 3 1  | 28  | Canadian Sand & Gravel Co., Ltd., 468 William St., Montreal, Que.                                    |
| 126039 | Sangle            | Schr—Glt           | Charlottetown  | 1910 | River John, N.S.                     | 50 0  | 13 7 | 4 9  | 13  | John L. and Gordon Robison, River John, N.S.   |
| 150270 | Sanitary No. 1    | Schr—Chd.          | Vancouver      | 1915 | Anacortes, Wash., U.S.A.             | 42 0  | 17 0 | 3 6  | 24  | The Granby Consolidated Mining, Smelting and Power Co., Ltd., 813-718 Granville St., Vancouver, B.C. |
| 58296  | Sara              | Yawl—Yole          | Quebec         | 1884 | St. Laurent, Island of Orleans, Que. | 28 5  | 11 2 | 4 0  | 8   | Adélaïde Parry, Beaumont, Que.   |
| 71136  | Sarah             | Schr—Glt           | Port Burwell   | 1871 | Port Dover, Ont.                     | 73 3  | 19 4 | 6 6  | 65  | C. Grahau, Kincairdine, Ont.   |
| 61511  | Sarah             | Schr—Glt           | St. John, N.B. | 1891 | U.S.A.                               | 47 0  | 15 0 | 6 7  | 23  | James Cosman, Meteghan River, N.S.   |
| 103010 | Sarah D           | Schr—Glt           | Chatham, N.B.  | 1889 | Caraquet, N.B.                       | 36 5  | 12 2 | 4 5  | 10  | J. Le Bouthiller, Caraquet, N.B.   |
| 101907 | Sarah M           | Schr—Glt           | Liverpool      | 1870 | Black River, N.B.                    | 69 0  | 13 5 | 5 3  | 17  | R. F. Hawbolt, Chester, N.S.   |
| 103255 | Sarah M           | Schr—Glt           | St. John, N.B. | 1894 | Liverpool, N.B.                      | 69 0  | 23 0 | 5 8  | 77  | R. P. & W. F. Starr, Ltd., St. John, N.B.  |
| 100218 | Sarsfield         | Schr—Glt           | Halifax        | 1892 | St. Margaret's Bay, N.B.             | 38 2  | 12 7 | 5 5  | 14  | Lezekiah Wamboul, Indian Harbour, N.S.   |
| 122257 | Saskatchewan      | Barge—Chd.         | Quebec         | 1907 | Bay St. Paul, Que.                   | 121 6 | 32 0 | 7 6  | 248 | Hezekiah Limitee, 99 Dalhousie St., Quebec, Que.   |
| 88495  | Saskatchewan      | Winnipeg           | Quebec         | 1882 | Winnipeg, Man.                       | 146 4 | 24 5 | 7 2  | 219 | Manitoba Transport Co., Ltd., Winnipeg, Man.   |
| 141005 | Saskatchewan      | Schr—Glt           | Quebec         | 1917 | St. Anne des Monts, Que.             | 77 5  | 22 1 | 7 2  | 58  | James Richardson, Co., Ltd., St. Jérôme de Matane, Que.  |
| 88287  | Satellite         | Schr—Glt           | Quebec         | 1890 | Kennebec, Me., U.S.A.                | 48 8  | 15 9 | 5 8  | 20  | Reed Brown, Grand Manan, N.B.  |
| 117190 | Satum             | Schr—Glt           | Chatham, N.B.  | 1906 | New Brandon, N.B.                    | 33 6  | 12 3 | 5 0  | 11  | Domine Blanehard, New Brandon, N.B.  |
| 122948 | Saucy Imp         | Sloop              | St. Andrews    | 1905 | West Isles, N.B.                     | 28 0  | 11 7 | 6 0  | 11  | Charles Green, West Isles, N.B.  |
|        | Saucy Jack        | Schr—Glt           | Port Dover     | 1864 | Sandusky Creek, O., U.S.A.           | 72 0  | 16 0 | 6 7  | 68  | J. H. McDonald, Toronto, Ont.  |
| 126157 | Sault au Mouton   | Schr—Glt           | Montreal       | 1907 | Les Escoumains, Que.                 | 102 5 | 26 7 | 6 3  | 71  | W. R. Clarton, Sault au Mouton, Que.   |
| 103070 | Savitur           | Sloop              | St. John, N.B. | 1895 | Boston, Mass., U.S.A.                | 26 3  | 10 0 | 2 9  | 3   | Frank W. Armstrong, et al., St. John, N.B.   |
| 103534 | Saxon             | Schr—Glt           | Chatham, N.B.  | 1896 | Shippagan, N.B.                      | 37 2  | 12 2 | 4 8  | 13  | Philip Rive, Caraquet, N.B.  |
| 141224 | Scotia Maiden     | Schr—Glt           | Weymouth       | 1919 | Church Point, N.S.                   | 149 0 | 37 4 | 12 8 | 108 | "Scotia Maiden" Co., Ltd., 33 Bedford Row, Halifax, N.S.   |
| 112328 | Scotia Queen      | Schr—Glt           | Parsboro'      | 1903 | Fox River, N.S.                      | 87 0  | 23 0 | 8 8  | 108 | Hendry, Ltd., Halifax, N.S.  |
| 122119 | Scout             | Sloop              | Sydney, N.S.   | 1907 | Port Hawkesbury, N.S.                | 24 0  | 6 9  | 3 0  | 3   | Lionel O. Walsh, Sydney, N.S.  |
| 122171 | Scow No. 1        | Sloop              | Port Arthur    | 1903 | Port Arthur, Ont.                    | 96 0  | 19 0 | 7 0  | 87  | The Great Lakes Dredging & Contracting Co., Ltd., Ottawa, Ont.                                       |
| 122268 | Scow No. 2        | Sloop              | Montreal       | 1906 | Montreal, Que.                       | 109 0 | 28 0 | 7 1  | 172 | The Montreal Sand & Gravel Co., Ltd., Montreal, Que.   |
| 122172 | Scow No. 2        | Sloop              | Port Arthur    | 1903 | Port Arthur, Ont.                    | 93 0  | 22 0 | 7 0  | 119 | The Great Lakes Dredging & Contracting Co., Ltd., Ottawa, Ont.                                       |
| 122269 | Scow No. 3        | Sloop              | Montreal       | 1903 | Montreal, Que.                       | 77 2  | 25 1 | 6 0  | 119 | The Montreal Sand & Gravel Co., Ltd., Montreal, Que.   |
| 107947 | Scow No. 4        | Sloop              | St. Catharines | 1901 | Buffalo, N.Y., U.S.A.                | 89 5  | 34 2 | 10 3 | 282 | Michael J. Hogan, Quebec, Que.   |
| 122270 | Scow No. 6        | Sloop              | Montreal       | 1906 | Grenville, Que.                      | 103 7 | 30 0 | 6 4  | 165 | The Montreal Sand & Gravel Co., Ltd., Montreal, Que.   |
| 122101 | Scow No. 7        | Sloop              | Montreal       | 1906 | Montreal, Que.                       | 107 4 | 30 6 | 6 4  | 171 | The Montreal Sand & Gravel Co., Ltd., Montreal, Que.   |
| 122402 | Scow No. 8        | Sloop              | Montreal       | 1907 | Montreal, Que.                       | 109 2 | 29 4 | 6 8  | 174 | The Montreal Sand & Gravel Co., Ltd., Montreal, Que.   |
| 122403 | Scow No. 9        | Sloop              | Montreal       | 1907 | Montreal, Que.                       | 109 6 | 29 0 | 6 9  | 175 | The Montreal Sand & Gravel Co., Ltd., Montreal, Que.   |
| 138510 | Scow No. 10       | Sloop              | Montreal       | 1911 | Montreal, Que.                       | 108 2 | 27 6 | 5 9  | 135 | The Montreal Sand & Gravel Co., Ltd., 270 Ottawa St., Montreal, Que.                                 |
| 140451 | Scow No. 11       | Sloop              | Montreal       | 1911 | Montreal, Que.                       | 108 1 | 27 9 | 6 0  | 137 | The Montreal Sand & Gravel Co., Ltd., 270 Ottawa St., Montreal, Que.                                 |
| 112011 | Scow No. 28       | Sloop              | Port Arthur    | 1891 | Duluth, Minn., U.S.A.                | 104 0 | 26 5 | 11 0 | 230 | The Great Lakes Dredging & Contracting Co., Ltd., Ottawa, Ont.                                       |
| 112012 | Scow No. 29       | Sloop              | Port Arthur    | 1891 | Duluth, Minn., U.S.A.                | 104 0 | 26 5 | 11 0 | 230 | The Great Lakes Dredging & Contracting Co., Ltd., Ottawa, Ont.                                       |
| 112013 | Scow No. 31       | Sloop              | Port Arthur    | 1891 | Duluth, Minn., U.S.A.                | 72 0  | 22 0 | 6 0  | 82  | The Great Lakes Dredging & Contracting Co., Ltd., Ottawa, Ont.                                       |

\*Formerly "Larca Emma." †Foreign name "Rooup."

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

⊙ Equipped With Wireless—Muni de la T.S.F.—Abbreviations—Abréviations: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Rig.<br>Gréement. | Built.<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10 <sup>es</sup> . | Breadth in feet and 10ths.<br>Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths.<br>Profondeur en pieds et 10 <sup>es</sup> . | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|------------------------------------|---------------------------------|---|-------------------|------------------------|---------------------------------------|--|--|---|--|---|
| 121710                             | Scow No. 36.....                | Port Arthur.....                            | Scow—Chd.....     | 1905                   | Toronto, Ont.....                     | 124 5  | 32 2   | 10 5  | 421  | The Great Lakes Dredging & Contracting Co., Ltd., Ottawa, Ont.                        |
| 121841                             | Scow No. 37.....                | Port Arthur.....                            | Scow—Chd.....     | 1905                   | Toronto, Ont.....                     | 124 5  | 32 2   | 10 5  | 421  | The Great Lakes Dredging & Contracting Co., Ltd., Ottawa, Ont.                        |
| 109959                             | Sea Bird.....                   | Chatham, N.B.....                           | Schr—Glt.....     | 1892                   | Stippigan, N.B.....                   | 34 0   | 12 1   | 5 0   | 10   | W. S. Lozgie, Co., Ltd., Chatham, N.B.  |
| 97042                              | Sea Boy.....                    | Hullfax.....                                | Schr—Glt.....     | 1869                   | Chezzetcook, N.S.....                 | 38 2   | 13 7   | 5 8   | 17   | Louis Murphy, Ship Harbour, N.S.  |
| 141164                             | Sea Duck.....                   | Parrsboro.....                              | Schr—Glt.....     | 1918                   | Spencers Island, N.S.....             | 48 0   | 17 0   | 6 8   | 29   | Gordon J. Pratt, Somerville, N.S.   |
| 126251                             | Sea Fish.....                   | Chatham, N.B.....                           | Schr—Glt.....     | 1908                   | Bathurst, N.B.....                    | 38 0   | 12 6   | 5 6   | 16   | Edward P. Roy, Bathurst, N.B.   |
| 133055                             | Sea Flower.....                 | Chatham, N.B.....                           | Schr—Glt.....     | 1916                   | Lower Caraquet, N.B.....              | 35 0   | 12 4   | 4 7   | 10   | Joseph D. Dorton, Caraquet, N.B.  |
| 100901                             | Sea Flower.....                 | Chatham, N.B.....                           | Schr—Glt.....     | 1892                   | Caraquet, N.B.....                    | 37 0   | 12 7   | 5 0   | 12   | Mrs. Sarah Young and F. P. B. Young, J.O., Caraquet, N.B.                             |
| 100914                             | Sea Foam.....                   | Barrington Passage.....                     | Schr—Glt.....     | 1892                   | Caraquet, N.B.....                    | 36 0   | 12 2   | 5 3   | 11   | Robt. Jones & Whitman, Ltd., Hullfax, N.S.  |
| 96926                              | Sea Foam.....                   | Chatham, N.B.....                           | Schr—Glt.....     | 1878                   | Salmon River, N.S.....                | 70 7   | 23 0   | 8 0   | 75   | Percy T. Pearson, Montague, P.E.I.  |
| 82281                              | Sea Foam.....                   | St. Andrews.....                            | Schr—Glt.....     | 1890                   | Malpeque, P.E.I.....                  | 37 5   | 13 6   | 6 0   | 13   | M. Jantaigne, Caraquet, N.B.  |
| 122013                             | Sea Fox.....                    | Yarmouth.....                               | Sloop.....        | 1874                   | Bear Island, N.S.....                 | 33 4   | 12 0   | 5 3   | 15   | Daniel Leavitt, St. George, N.B.  |
| 51969                              | Sea Hound.....                  | Liverpool.....                              | Schr—Glt.....     | 1898                   | West Isles, N.B.....                  | 28 0   | 12 8   | 6 0   | 14   | Mulford C. Kent, Grand Manan, N.B.  |
| 92513                              | Sea Pearl.....                  | Charlottetown.....                          | Schr—Glt.....     | 1899                   | Tusket Wedge, N.S.....                | 74 5   | 15 8   | 5 8   | 19   | W. C. Newcombe, Hopewell Cape, N.B.   |
| 107189                             | Sea Pink.....                   | St. Andrews.....                            | Schr—Glt.....     | 1866                   | Lower Montague, P.E.I.....            | 51 0   | 16 6   | 5 9   | 32   | Mrs. Sophia McKenzie, Jordan Bay, N.S.  |
| 92513                              | Sea Queen.....                  | St. Andrews.....                            | Schr—Glt.....     | 1878                   | Brear Island, N.S.....                | 33 9   | 12 6   | 5 9   | 11   | Augustine Boudreau, Lower Montague, P.E.I.  |
| 112300                             | Sea Star.....                   | Sydney, N.S.....                            | Schr—Glt.....     | 1891                   | Stippigan, N.B.....                   | 29 0   | 10 0   | 7 0   | 8  | Alfred W. Wilcox, West Isles, N.B.  |
| 96731                              | Sea Star.....                   | Chatham, N.B.....                           | Schr—Glt.....     | 1899                   | Stippigan, N.B.....                   | 60 2   | 19 4   | 8 0   | 36   | Murdoch N. McKee, Nyanza, N.S.  |
| 72680                              | Sea View.....                   | Quebec.....                                 | Schr—Glt.....     | 1891                   | Stippigan, N.B.....                   | 55 7   | 12 8   | 8 0   | 13   | Joseph Savoy, Stippigan, N.B.   |
| 122082                             | Sea View.....                   | Charlottetown.....                          | Schr—Glt.....     | 1877                   | Bethouan, Que.....                    | 57 4   | 19 2   | 5 0   | 52   | Achille Gagnon, Malbars, Que.   |
| 121654                             | Seaton L.....                   | Yarmouth.....                               | Schr—Glt.....     | 1905                   | Sea View, P.E.I.....                  | 37 4   | 13 7   | 6 0   | 13   | Stanford Picturing, M.O., Sea View, P.E.I.  |
| 143517                             | Seannan, A.O.....               | Parrsboro.....                              | Schr—Glt.....     | 1904                   | Clarks's Harbour, N.S.....            | 33 0   | 11 4   | 6 0   | 12   | Nathaniel M. Smith, Clarke's Harbour, N.S.  |
| 106967                             | Selkirk.....                    | Montreal.....                               | Schr—Glt.....     | 1919                   | Capo d'Or, N.S.....                   | 152 0  | 34 5   | 12 7  | 435  | Alphon O. Seaman, d'ar, Parrsboro, N.S.   |
| 121878                             | Selma.....                      | Yarmouth.....                               | Sloop.....        | 1894                   | Kingsthor, Ont.....                   | 183 3  | 34 5   | 14 5  | 719  | The Smeadens-McNaughton Line, Ltd., 75 Comm on St., Montreal, Que.                    |
| 123642                             | Selma Creaser.....              | La Have.....                                | Sloop.....        | 1906                   | Tusket Wedge, N.S.....                | 95 0   | 11 3   | 7 0   | 14   | Angus Cotreau, M.O., Tusket Wedge, N.S.   |
| 133913                             | Selonia.....                    | Chatham, N.B.....                           | Schr—Glt.....     | 1918                   | Shelburne, N.S.....                   | 109 3  | 26 2   | 16 8  | 99   | Arthur Green, M.O., La Have, N.S.   |
| 109771                             | Senator Snowball.....           | Toronto.....                                | Sarge—Chd.....    | 1913                   | Lunarke, N.B.....                     | 82 0   | 30 2   | 5 0   | 11   | Anthony M. Chisano, Stippigan, N.B.   |
| 83447                              | Senecal.....                    | Chatham, N.B.....                           | Schr—Glt.....     | 1873                   | New Jerusalem, O., U.S.A.....         | 169 9  | 37 7   | 17 2  | 491  | James H. Mills, d'ar, Toronto, Ont.   |
| 100923                             | Senor.....                      | Yarmouth.....                               | Sloop.....        | 1897                   | Chatham, N.B.....                     | 33 2   | 10 0   | 5 7   | 31   | Mrs. Wm. Dieks, d'ar, Sydney, N.S.  |
| 122108                             | Seretha.....                    | Yarmouth.....                               | Sloop.....        | 1883                   | Quebec, Que.....                      | 70 2   | 22 8   | 8 4   | 55   | Paul Barette, Jr., Mile Vaches, Que.  |
|                                    |                                 |   |                   | 1893                   | Yamouco, N.S.....                     | 79 2   | 22 8   | 8 4   | 55   | Simon Roulet, Seargent, N.S.  |
|                                    |                                 |   |                   | 1905                   | Shelburne, N.S.....                   | 30 0   | 10 0   | 6 0   | 10   | Samuel N. Atkinson, Cape Island, N.S.   |

SESSIONAL PAPER No. 22

| No.    | Name                 | Tonnage | Owner            | Agent         | Home Port                         | Destination | Date | Day  | Month | Year |
|--------|----------------------|---------|------------------|---------------|-----------------------------------|-------------|------|------|-------|------|
| 126582 | Sesame               | 120     | Lunenburg        | Schr—Glt      | LaHave, N.S.                      | 37 2        | 11 2 | 6 2  |       |      |
| 134454 | Seventy-four         | 120     | Toronto          | Seow—Chd      | Toronto, Ont.                     | 64 0        | 24 0 | 5 5  |       |      |
| 134456 | Seventy-six          | 120     | Toronto          | Seow—Chd      | Toronto, Ont.                     | 83 0        | 31 0 | 4 4  |       |      |
| 100762 | Shamrock             | 120     | Charlottetown    | Schr—Glt      | Albion, P.E.I.                    | 59 0        | 17 7 | 6 7  |       |      |
| 100740 | Shamrock             | 120     | Charlottetown    | Schr—Glt      | Albion, P.E.I.                    | 58 0        | 20 3 | 7 6  |       |      |
| 122011 | Shamrock             | 120     | Quebec           | Schr—Glt      | Montreal, Que.                    | 68 3        | 26 3 | 5 4  |       |      |
| 122016 | Shamrock             | 120     | Quebec           | Schr—Glt      | Montreal, Que.                    | 68 3        | 26 3 | 5 4  |       |      |
| 122017 | Shamrock             | 120     | Quebec           | Schr—Glt      | Montreal, Que.                    | 68 3        | 26 3 | 5 4  |       |      |
| 122836 | Shamrock             | 120     | Sydney, N.S.     | Schr—Glt      | Halifax, N.S.                     | 38 0        | 12 0 | 4 6  |       |      |
| 107334 | Shamrock             | 120     | St. John, N.B.   | Schr—Glt      | Halifax, N.S.                     | 38 0        | 12 0 | 4 6  |       |      |
| 115556 | She Said No          | 120     | St. John, N.B.   | Schr—Glt      | Halifax, N.S.                     | 38 0        | 12 0 | 4 6  |       |      |
| 135334 | Shepherd King        | 120     | Lunenburg        | Schr—Glt      | Pembroke, N.S.                    | 117 8       | 26 8 | 10 6 |       |      |
| 117118 | Shimay Man           | 120     | Vancouver        | Schr—Glt      | Rowan Island, B.C.                | 66 0        | 16 5 | 6 0  |       |      |
| 134618 | Shimpan No. 4        | 120     | Sault Ste. Marie | Schr—Glt      | Warton, Ont.                      | 100 0       | 24 4 | 7 0  |       |      |
| 133914 | Shippagan Pearl      | 120     | Charlton, N.B.   | Schr—Glt      | Shippagan, N.B.                   | 36 0        | 9 6  | 4 0  |       |      |
| 130334 | Shrub                | 120     | Charlton, N.B.   | Schr—Glt      | Richibucto, N.B.                  | 34 0        | 9 4  | 4 0  |       |      |
| 129671 | Shuniah              | 120     | Port Arthur      | Dredge—Dredge | Toronto, Ont.                     | 125 0       | 40 1 | 8 4  |       |      |
| 126179 | Sidney No. 2         | 120     | New Westminster  | Barge—Chd     | Seattle, Wash., U.S.A.            | 160 0       | 31 0 | 8 9  |       |      |
| 111413 | Sigdrifa             | 120     | Lunenburg        | Sloop         | Boston, Mass., U.S.A.             | 35 7        | 11 6 | 6 5  |       |      |
| 112023 | Silver Ball          | 120     | Canso            | Schr—Glt      | Tor Bay, N.S.                     | 37 0        | 13 6 | 6 0  |       |      |
| 100961 | Silver Moon          | 120     | Charlton, N.B.   | Schr—Glt      | Shippagan, N.B.                   | 37 4        | 13 0 | 5 0  |       |      |
| 116656 | Silver Spray         | 120     | Yarmouth         | Sloop         | Yarmouth, N.S.                    | 39 0        | 12 0 | 5 6  |       |      |
| 116884 | Silver Swan          | 120     | Arichat          | Schr—Glt      | Larry's River, N.S.               | 40 0        | 14 6 | 6 6  |       |      |
| 135388 | Silver Thread        | 120     | Lunenburg        | Schr—Glt      | LaHave, N.S.                      | 77 4        | 23 5 | 9 7  |       |      |
| 88272  | Simeon H. Bell       | 120     | St. Andrews      | Schr—Glt      | Eastport, Me., U.S.A.             | 31 0        | 12 2 | 5 8  |       |      |
| 135289 | Sir J. J. Ld. No. 7  | 120     | New Westminster  | Barge—Chd     | Vancouver, B.C.                   | 90 0        | 32 7 | 9 9  |       |      |
| 135290 | Sir J. J. Ld. No. 8  | 120     | New Westminster  | Barge—Chd     | Vancouver, B.C.                   | 90 0        | 32 7 | 9 9  |       |      |
| 135291 | Sir J. J. Ld. No. 9  | 120     | New Westminster  | Barge—Chd     | Vancouver, B.C.                   | 90 0        | 32 7 | 9 9  |       |      |
| 136650 | Sir J. J. Ld. No. 28 | 120     | New Westminster  | Barge—Chd     | Vancouver, B.C.                   | 90 0        | 31 5 | 9 6  |       |      |
| 100788 | Sir Charles          | 120     | Chatham, N.B.    | Schr—Glt      | Caracquet, N.B.                   | 36 5        | 12 3 | 4 5  |       |      |
| 141056 | Sir Donald           | 120     | Lunenburg        | Schr—Glt      | Malone Bay, N.S.                  | 142 5       | 33 0 | 12 6 |       |      |
| 107433 | Sir John             | 120     | St. Andrews      | Sloop         | Grand Manan, N.B.                 | 31 2        | 11 3 | 5 0  |       |      |
| 85102  | Sir Wilfrid          | 120     | Amherst          | Schr—Glt      | Magdalen Islands, Que.            | 63 6        | 19 9 | 7 3  |       |      |
| 42987  | Sir Wilfrid          | 120     | Pictou, N.S.     | Schr—Glt      | Murray Harbour, P.E.I.            | 53 8        | 17 1 | 7 4  |       |      |
| 85645  | Sissio Belle         | 120     | Halifax          | Schr—Glt      | Conquerall, N.S.                  | 53 0        | 17 8 | 7 5  |       |      |
| 133469 | Skinner No. 11       | 120     | Montreal         | Schr—Glt      | Pierreville, Que.                 | 94 0        | 18 8 | 6 0  |       |      |
| 100733 | Skoda                | 120     | Sault Ste. Marie | Seow—Chd      | Gouais River, Ont.                | 37 6        | 16 0 | 3 3  |       |      |
| 126223 | Skookum I.           | 120     | Vancouver        | Bktn—Bkgt.    | Kingsport, N.S.                   | 168 0       | 37 0 | 16 0 |       |      |
| 134597 | Sloc                 | 120     | Pasapebiac       | Seow—Chd      | Vancouver, B.C.                   | 80 6        | 30 1 | 7 5  |       |      |
| 78035  | Snow Ball            | 120     | Chatham, Ont.    | Schr—Glt      | Grand River, Que.                 | 31 6        | 11 0 | 3 6  |       |      |
| 122284 | Snow Maiden          | 120     | Digby            | Schr—Glt      | Chatham, Ont.                     | 60 0        | 9 0  | 3 0  |       |      |
| 100982 | Snowdrop             | 120     | Chatham, N.B.    | Schr—Glt      | Meteghan, N.S.                    | 55 6        | 17 8 | 6 9  |       |      |
| 116078 | Soltaire             | 120     | St. Andrews      | Schr—Glt      | Caracquet, N.B.                   | 35 0        | 12 2 | 5 0  |       |      |
| 116956 | Sophia Minch.        | 120     | Sarnia           | Sloop         | North Head, N.B.                  | 27 0        | 12 2 | 6 0  |       |      |
| 85743  | Souvenir             | 120     | Quebec           | Schr—Glt      | St. Jean, Island of Orleans, Que. | 180 0       | 32 0 | 12 0 |       |      |
| 75606  | Sovereign            | 120     | Halifax          | Schr—Glt      | Digby, N.S.                       | 40 3        | 15 2 | 5 4  |       |      |
| 126442 | Spark                | 120     | Kemora           | Seow—Chd      | Kegwain, Ont.                     | 55 7        | 17 7 | 6 0  |       |      |
| 122060 | Spark                | 120     | Chatham, N.B.    | Schr—Glt      | New Brandon, N.B.                 | 75 0        | 20 0 | 5 6  |       |      |
| 69383  | Speedwell            | 120     | Gaspé            | Schr—Glt      | Corner of Beach, Que.             | 32 0        | 12 0 | 10 0 |       |      |

†Formerly "Uranus" †Formerly "Daxial." †Formerly "W. F. I." †Formerly "Haines Bros."

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| Official Number<br>Numéro officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Rig.<br>Gréement. | Built.<br>Construit en | Where Built.<br>Lieu de construction | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|---------------------------------|---|-------------------|------------------------|--------------------------------------|---|---|--|--|---|
| 85596                               | Speedwell                       | St. John, N.B.                              | Schr—Glt          | 1883                   | Chapman, N.B.                        | 78 4  | 26 4  | 6 9  | 83   | Mrs. Ellen G. Driscoll, St. John, N.B.  |
| 42438                               | Speedy                          | Gaspé                                       | Schr—Glt          | 1872                   | Point St. Peter, Que.                | 69 7  | 20 4  | 8 6  | 65   | Robin, Jones & Whitman, Ltd., Halifax, N.S.   |
| 141563                              | Spraydrift                      | Vancouver                                   | Sloop             | 1912                   | Vancouver, B.C.                      | 30 0  | 8 9   | 3 3  | 5  | Gordon B. Warren, Vancouver, B.C.   |
| 116746                              | Spindrift                       | Halifax                                     | Schr—Glt          | 1905                   | Magbone Bay, N.S.                    | 44 2  | 12 3  | 6 0  | 15   | Albert Conrad, M.O., Rose Bay, N.S.   |
| 111529                              | Spray                           | Digby                                       | Schr—Glt          | 1920                   | Digby, N.S.                          | 34 5  | 10 3  | 5 5  | 12   | Edward C. Campbell, Digby, N.S.   |
| 411644                              | Spencer Lake                    | Liverpool                                   | Schr—Glt          | 1920                   | Allandale, N.S.                      | 106 4   | 26 4  | 10 3   | 148  | H. B. Clyde Lake, Fortune, Nfld.  |
| 112025                              | Squanto                         | Canso                                       | Schr—Glt          | 1903                   | Spry Harbour, N.S.                   | 40 0  | 12 2  | 6 2  | 13   | Frank H. Hawes, Canso, N.S.   |
| 121060                              | Squanto                         | Yarmouth                                    | Sloop             | 1904                   | Capo Island, N.S.                    | 33 0  | 11 4  | 6 0  | 11   | Howard B. Calder, Campobello, N.B.  |
| 72950                               | Stadacona                       | Quebec                                      | Schr—Glt          | 1875                   | Les Eboulements, Que.                | 55 1  | 24 0  | 10 4   | 132  | V. Bouchard, Isle aux Coudres, Que.   |
| 100963                              | Stanley                         | Charlham, N.B.                              | Schr—Glt          | 1892                   | Carraquet, N.B.                      | 34 0  | 12 3  | 4 4  | 10   | A. D. Gionst, Carraquet, N.B.   |
| 103087                              | Stanley                         | Charlham, N.B.                              | Schr—Glt          | 1893                   | Carraquet, N.B.                      | 34 0  | 12 3  | 4 4  | 10   | A. D. Gionst, Carraquet, N.B.   |
| 111744                              | Stanley                         | Lunenburg                                   | Schr—Glt          | 1907                   | Chester Basin, N.S.                  | 94 8  | 24 2  | 9 6  | 71   | Parbhu Sawh, Georgetown, Demerara, B.G.   |
| 125992                              | Stanley                         | Quebec                                      | Schr—Glt          | 1902                   | St. Alexis, Que.                     | 106 0   | 22 5  | 7 8  | 161  | Lachane Limitco, 99 Dalhousie St., Quebec, Que.                                       |
| 53600                               | Starlight                       | Halifax                                     | Barge—Chd         | 1865                   | Chezestock, N.S.                     | 47 7  | 16 0  | 6 3  | 29   | Philip P. Lake, Grand Bank, Nfld.   |
| 88465                               | Stella                          | Richibucto                                  | Schr—Glt          | 1893                   | River Bourgeois, N.S.                | 64 3  | 18 3  | 7 3  | 46   | John B. Girroir, West Arichat, N.S.   |
| 107188                              | Stella                          | Charlottetown                               | Schr—Glt          | 1899                   | Rollo Bay, P.E.I.                    | 40 0  | 13 9  | 5 4  | 15   | Frank W. Leslie, Grandston, Magdalen Islands, Que.                                    |
| 83500                               | Stella                          | Liverpool                                   | Schr—Glt          | 1883                   | Port Mouton, N.S.                    | 31 5  | 11 4  | 6 0  | 80   | Napoléon Martin, Les Escourels, Que.  |
| 111491                              | Stella Marie                    | Quebec                                      | Schr—Glt          | 1899                   | Les Escourels, Que.                  | 80 0  | 22 6  | 6 9  | 80   | George Thibedo, Ebbisfloat, P.E.I.  |
| 103767                              | Stella Maris                    | Charlottetown                               | Schr—Glt          | 1896                   | Carraquet, N.B.                      | 38 3  | 14 0  | 4 8  | 19   | Joseph Dussault, Les Escourels, Que.  |
| 73976                               | Stella Maris                    | Quebec                                      | Schr—Glt          | 1867<br>(1896)         | St. Antoine, Que.                    | 62 4  | 20 8  | 5 9  | 44   | Joseph Dussault, Les Escourels, Que.  |
| 112038                              | Stella Maris                    | Quebec                                      | Schr—Glt          | 1902                   | Manoougan, Que.                      | 35 8  | 17 0  | 6 0  | 32   | Faushe Godreau, Manoougan, Que.   |
| 100444                              | Stella May                      | Canso                                       | Schr—Glt          | 1895                   | Canso, N.S.                          | 59 0  | 11 4  | 6 1  | 12   | James Mougher, Canso, N.S.  |
| 116750                              | Stella R.                       | Halifax                                     | Schr—Glt          | 1905                   | Ship Harbour, N.S.                   | 71 4  | 23 6  | 5 4  | 13   | David T. Leslie, Spry Bay, N.S.   |
| 126841                              | Stephon P.                      | Quebec                                      | Dredge—Dreuge     | 1904                   | Levis, Que.                          | 45 5  | 19 0  | 6 1  | 211  | La Compagnie Générale d'Entreprises Publiques, Lévis, Que.                            |
| 22487                               | Stephen P. Grogan               | Quebec                                      | Barge—Chd         | 1907                   | St. Alexis, Que.                     | 106 0   | 22 5  | 7 8  | 162  | Lachane Limitco, 99 Dalhousie St., Quebec, Que.                                       |
| 219856                              | Stewart                         | Victoria                                    | Barge—Chd         | 1907                   | White Horse, Y.T.                    | 105 5   | 34 5  | 5 5  | 166  | The British Yukon Navigation Co., Ltd., Vancouver, B.C.                               |
| 141262                              | Stewart T. Saiter               | Parrsboro                                   | Schr—Glt          | 1919                   | Parrsboro, N.S.                      | 115 5   | 30 7  | 10 2   | 226  | Stewart T. Saiter, et al., Parrsboro, N.S.  |
| 137981                              | Stone Bay                       | Kingston                                    | Scow—Chd          | 1915                   | Kingston, Ont.                       | 80 9  | 19 9  | 6 0  | 227  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 113550                              | Stone Lifter No. 4              | Ottawa                                      | Scow—Chd          | 1910                   | Sorel, Que.                          | 100 0   | 36 0  | 9 3  | 185  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 41351                               | Stone Lifter No. 5              | Ottawa                                      | Scow—Chd          | 1912                   | Sorel, Que.                          | 100 0   | 32 0  | 10 2   | 20   | Fred. J. Ogilvie, Parrsboro, N.S.   |
| 90648                               | Stranger                        | Barrington Passage                          | Schr—Glt          | 1885                   | Argyle, N.S.                         | 46 0  | 14 3  | 5 9  | 34   | The Dominion Towing & Wrecking Co., Ltd., Grain Exchange Bldg., Fort William, Ont.    |
| 138842                              | Stratbobby                      | Port Arthur                                 | Scow—Chd          | 1911                   | Fort William, Ont.                   | 110 0   | 37 0  | 9 7  | 334  | The Dominion Towing & Wrecking Co., Ltd., Grain Exchange Bldg., Fort William, Ont.    |
| 111407                              | Stratloona                      | Charlottetown                               | Schr—Glt          | 1900                   | Lunenburg, N.S.                      | 90 4  | 24 3  | 9 3  | 89   | Benj. C. Prowee, Charlottetown, P.E.I.  |

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| No.    | Name              | Type          | Home             | Agent                    | Tonnage | Length | Breadth | Depth | Speed | Remarks   |
|--------|-------------------|---------------|------------------|--------------------------|---------|--------|---------|-------|-------|---|
| 103940 | Stuart L.         | Schr—Glt      | Chatham, N.B.    | Chatham, N.B.            | 58 5    | 19 9   | 5 2     | 6 2   | 19 9  | W. S. Loggia Co., Ltd., Chatham, N.B.   |
| 122561 | Sultana           | Barge—Chd     | Peterboro        | Gore's Landing, Ont.     | 62 5    | 16 0   | 3 9     | 3 9   | 16 0  | Wm. Huller, Peterboro, Ont.   |
| 137916 | Sumner Home       | Schr—Glt      | Chatham, N.B.    | Upper Lameck, N.B.       | 40 5    | 13 5   | 6 0     | 6 0   | 13 5  | Clément Lamoignon, Upper Lameck, N.B.   |
| 122056 | Sunbeam           | Schr—Glt      | Chatham, N.B.    | Shippagan Island, N.B.   | 38 6    | 13 2   | 5 3     | 5 3   | 13 2  | Robin Jones and Whitman, Ltd., Halifax, N.S.  |
| 107076 | Sunol             | Sloop         | St. John, N.B.   | St. John, N.B.           | 27 0    | 10 5   | 3 9     | 3 9   | 10 5  | W. G. Stratton, et al., St. John, N.B.  |
| 108826 | Superior          | Schr—Glt      | Paspobiac        | Petit Rocher, N.B.       | 39 5    | 10 9   | 4 3     | 4 3   | 10 9  | H. L. Godin, and Wm. Blanchard, J.O., Mizomette, N.B.                               |
| 111845 | Superbe           | Schr—Glt      | Chatham, N.B.    | Caraquet, N.B.           | 40 0    | 13 1   | 5 5     | 5 5   | 13 1  | Robin Jones and Whitman, Ltd., Halifax, N.S.  |
| 133995 | Supple Jack       | Schr—Glt      | Chatham, N.B.    | Caraquet, N.B.           | 34 0    | 10 0   | 4 5     | 4 5   | 10 0  | Thaddeus C. Russell, Shippagan, N.B.  |
| 121814 | Surge             | Sloop         | Digby            | Gilbert's Cove, N.S.     | 37 0    | 14 6   | 5 4     | 5 4   | 14 6  | Joseph D. White, Gilbert's Cove, N.S.   |
| 100448 | Surprise          | Sloop         | Canso, N.S.      | Canso, N.S.              | 40 8    | 13 8   | 6 7     | 6 7   | 13 8  | John J. Mesgher, Canso, N.S.  |
| 103772 | Surprise          | Schr—Glt      | Chatham, N.B.    | Caraquet, N.B.           | 36 0    | 11 9   | 4 8     | 4 8   | 11 9  | J. Blanchard, Caraquet, N.B.  |
| 75453  | Susan             | Schr—Glt      | Windsor, N.S.    | Kempt, N.S.              | 165 7   | 36 3   | 13 1    | 13 1  | 36 3  | Jeremiah Dexter, Cheverie, N.S.   |
| 138656 | Susan Cameron     | Schr—Glt      | Pictou, N.S.     | Tuskent, N.S.            | 163 7   | 36 3   | 13 1    | 13 1  | 36 3  | Walter McNeil, New Glasgow, N.S.  |
| 69433  | Susan King        | Schr—Glt      | Charlottetown    | Tatanaigouche, N.S.      | 53 6    | 16 9   | 5 3     | 5 3   | 16 9  | S. Vanamber, et al., North Port, N.S.   |
| 92367  | Susie Pearl       | Schr—Glt      | St. John, N.B.   | Port Eileen, N.B.        | 75 8    | 24 7   | 6 8     | 6 8   | 24 7  | Joshua Prescott, Sussex, N.B.   |
| 100066 | Swallow           | Schr—Glt      | Chatham, N.B.    | Waterborough, N.B.       | 54 0    | 12 2   | 4 6     | 4 6   | 12 2  | T. Ahler, Shippagan, N.B.   |
| 103947 | Swallow           | Schr—Glt      | Chatham, N.B.    | Shippagan, N.B.          | 37 0    | 12 6   | 5 0     | 5 0   | 12 6  | The C. Robin Collins Co., Ltd., Halifax, N.S.                                       |
| 83093  | Swallow           | Schr—Glt      | Port Hawkesbury  | Margaree, N.S.           | 36 0    | 12 0   | 5 6     | 5 6   | 12 0  | Duncan McDonald, Margaree, N.S.   |
| 106069 | Swan              | Schr—Glt      | Digby            | Shelburne, N.S.          | 73 0    | 19 2   | 7 3     | 7 3   | 19 2  | George Morrell, Sandy Cove, N.S.  |
| 122075 | Swan              | Sloop         | Toronto          | Huntsville, Ont.         | 48 0    | 18 3   | 5 3     | 5 3   | 18 3  | The Huntsville, Lake of Bays & Lake Simcoe Nav. Co., Ltd., Huntsville, Ont.         |
| 122111 | Sweet Home        | Schr—Glt      | Sydney, N.S.     | Sydney, N.S.             | 38 8    | 13 5   | 5 1     | 5 1   | 13 5  | H. John Marshall, Sydney, N.S.  |
| 90493  | Swift Current     | Schr—Glt      | Charlottetown    | St. Margaret's Bay, N.S. | 64 8    | 22 0   | 7 4     | 7 4   | 22 0  | Charles Humann, Baddeck, N.S.   |
| 126052 | Sydenham (The)    | Dredge—Draque | Owen Sound       | Welland, Ont.            | 100 0   | 36 0   | 7 4     | 7 4   | 36 0  | Canadian Dredging Co., Ltd., Midland, Ont.  |
| 131442 | T. 4.             | Scow—Chd.     | Vancouver        | New Westminster, B.C.    | 60 0    | 22 0   | 6 2     | 6 2   | 22 0  | Charles A. Thompson, Vancouver, B.C.  |
| 134008 | T. H. B.          | Schr—Glt      | Chatham, N.B.    | Caraquet, N.B.           | 43 8    | 15 0   | 4 4     | 4 4   | 15 0  | Theodorus H. LeBouthillier, Caraquet, N.B.  |
| 138461 | T. H. D. No. 1.   | Scow—Chd.     | Sault Ste. Marie | Garden River, Ont.       | 27 5    | 12 0   | 4 9     | 4 9   | 12 0  | Thomas H. DeCew, Sault Ste. Marie, Ont.   |
| 139705 | T. H. 28.         | Scow—Chd.     | Vancouver        | New Westminster, B.C.    | 61 3    | 20 0   | 6 9     | 6 9   | 20 0  | Stanley S. McKew, Vancouver, B.C.   |
| 141806 | T. L. B. I.       | Scow—Chd.     | Vancouver        | Vancouver, B.C.          | 50 2    | 18 0   | 4 0     | 4 0   | 18 0  | Geo. G. Bushby, Victoria, B.C.  |
| 141807 | T. L. B. II.      | Scow—Chd.     | Vancouver        | Vancouver, B.C.          | 50 2    | 18 0   | 4 0     | 4 0   | 18 0  | Geo. G. Bushby, Victoria, B.C.  |
| 141808 | T. L. B. III.     | Scow—Chd.     | Vancouver        | Vancouver, B.C.          | 50 2    | 18 0   | 4 0     | 4 0   | 18 0  | Geo. G. Bushby, Victoria, B.C.  |
| 141809 | T. L. B. IV.      | Scow—Chd.     | Vancouver        | Vancouver, B.C.          | 50 2    | 18 0   | 4 0     | 4 0   | 18 0  | Geo. G. Bushby, Victoria, B.C.  |
| 116460 | T. J. K. No. 2.   | Scow—Chd.     | Victoria         | Vancouver, B.C.          | 98 0    | 30 0   | 5 7     | 5 7   | 30 0  | The Vancouver Portland Cement Co., Ltd., Toronto, Ont.                              |
| 138286 | T. N. G.          | Schr—Glt      | Chatham, N.B.    | Caraquet, N.B.           | 45 0    | 14 6   | 6 3     | 6 3   | 14 6  | Martin N. Garnet, Caraquet, N.B.  |
| 141031 | T. R. N. No. 1.   | Scow—Chd.     | Vancouver        | New Westminster, B.C.    | 81 2    | 26 0   | 6 9     | 6 9   | 26 0  | Vancouver Gas Co., Ltd., (Liability), 425 Carrall St., Vancouver, B.C.              |
| 133816 | T. R. N. No. 2.   | Scow—Chd.     | Vancouver        | Vancouver, B.C.          | 64 3    | 26 1   | 6 5     | 6 5   | 26 1  | Gulf of Georgia Towing Co., Ltd., (1920) 1190 Sixth Ave. W., Vancouver, B.C.        |
| 135725 | T. T. I.          | Scow—Chd.     | New Westminster  | New Westminster, B.C.    | 81 0    | 26 0   | 6 8     | 6 8   | 26 0  | The Pacific Construction Co., Ltd., 510 Hastings St., Vancouver, B.C.               |
| 134449 | T. & C.           | Barge—Chd.    | Toronto          | Buffalo, N.Y., U.S.A.    | 113 0   | 22 0   | 11 0    | 11 0  | 22 0  | The Lake Simcoe Ice Supply & Cold Storage Co., Ltd., Toronto, Ont.                  |
| 141628 | T. K. Bentley     | Schr—Glt      | Parrsboro        | Advocate Harbour, N.S.   | 160 0   | 35 5   | 13 1    | 13 1  | 35 5  | Thos. K. Bentley and Jas. N. Pugsley, Parrsboro, N.S.                               |
| 126567 | T. W. J. Whittier | Schr—Glt      | Sydney, N.S.     | Ingonish, N.S.           | 39 0    | 12 4   | 6 4     | 6 4   | 12 4  | Charles Meurer, Ingonish Ferry, N.S.  |
| 110355 | T. Lilly          | Schr—Glt      | Archoat          | Port Felix, N.S.         | 33 8    | 10 9   | 5 2     | 5 2   | 10 9  | Charles Boudrot, Poulamou, N.S.   |
| 103614 | Tadoussac         | Sloop         | Quebec           | Tadoussac, Que.          | 53 5    | 17 9   | 4 9     | 4 9   | 17 9  | Charles Lajoie, St. Fulgence, Que.  |
| 121965 | Tahkeena          | Sloop—Chd     | Victoria         | White Horse, Y.T.        | 106 0   | 34 5   | 5 6     | 5 6   | 34 5  | The British Yukon Navigation Co., Ltd., Victoria, B.C.                              |
| 110417 | Taku              | Barge—Chd     | Victoria         | Caribou, Y.T.            | 60 0    | 15 0   | 4 0     | 4 0   | 15 0  | The British Yukon Navigation Co., Ltd., Victoria, B.C.                              |
| 118500 | Talimnase         | Schr—Glt      | Port Hawkesbury  | Cheticamp, N.S.          | 34 5    | 10 0   | 5 0     | 5 0   | 10 0  | Simon Belfontaine, Cheticamp, N.S.  |
| 103754 | Talmouth          | Schr—Glt      | Port Hawkesbury  | La Haye, N.S.            | 92 8    | 24 4   | 10 0    | 10 0  | 24 4  | Charles O. Maguire, Guysboro, N.S.  |
| 135701 | Tango             | Sloop—Chd     | Port Arthur      | Midland, Ont.            | 138 0   | 36 5   | 9 2     | 9 2   | 36 5  | Geo. H. Fineout, Port Arthur, Ont.  |
| 122382 | Tanilua           | Barge—Chd     | St. John, N.B.   | St. John, N.B.           | 33 3    | 9 9    | 4 2     | 4 2   | 9 9   | William B. McVeigh, Saint John, N.B.  |
| 122382 | Tanilua           | Barge—Chd     | Toronto          | White Horse, Y.T.        | 120 0   | 38 7   | 5 6     | 5 6   | 38 7  | The British Yukon Navigation Co., Ltd., Victoria, B.C.                              |
| 126743 | Tanawana          | Dredge—Draque | St. John, N.B.   | Upper Gasquetown, N.B.   | 66 4    | 25 1   | 5 1     | 5 1   | 25 1  | St. John River Dredging & Construction Co., Ltd., 221 George St., Fredericton, N.B. |

\*Formerly "D. 79." †Formerly "The Main". ‡Formerly "Beatrice."

ALPHABETICAL LIST of Selling Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless—Muni de la T.S.F.—*Abbréviations—Abbreviations: J.O.* Joint owners—propriétaires conjoints; *M.O.* Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship<br>Nom du navire. | Port of Registry<br>Port d'enregistrement. | Rig.<br>Gréement. | Build.<br>Cons-<br>truit<br>en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse.     |
|-------------------------------------|--------------------------------|--|-------------------|--------------------------------|---------------------------------------|---|---|--|--|---|
| 58887                               | Telephone                      | St. Andrews                                | Schr—Glt.         | 1877                           | St. Andrews, N.B.                     | 43 0  | 15 2  | 6 1  | 19   | A. Stanley and Claude H. Ingersoll, Grand Maman, N.B.                                     |
| 121707                              | Temeraire                      | Toronto                                    | Sloop.            | 1905                           | Oakville, Ont.                        | 50 0  | 10 0  | 6 0  | 18   | E. Nicholls, Toronto, Ont.  |
| 116642                              | Temisamingue No. 1.            | Ottawa                                     | Barge—Chd.        | 1903                           | Ottawa, Ont.                          | 60 0  | 12 0  | 3 6  | 42   | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                                      |
| 116643                              | Temisamingue No. 2.            | Ottawa                                     | Barge—Chd.        | 1903                           | Ottawa, Ont.                          | 60 0  | 12 0  | 3 6  | 42   | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                                      |
| 116644                              | Temisamingue No. 3.            | Ottawa                                     | Barge—Chd.        | 1903                           | Ottawa, Ont.                          | 60 0  | 12 0  | 3 6  | 42   | The Upper Ottawa Improvement Co., Ltd., Ottawa, Ont.                                      |
| 126943                              | Tenderfoot                     | Vancouver                                  | Schr—Glt.         | 1910                           | Victoria, B.C.                        | 33 0  | 10 5  | 5 8  | 9  | Frederick O. Mills, Vancouver, B.C.   |
| 122135                              | 10 U. S.                       | Yarmouth                                   | Sloop.            | 1906                           | Shelburne, N.S.                       | 36 6  | 12 3  | 7 8  | 16   | Wilson Rankin, Yarmouth, N.S.   |
| 90784                               | Teres                          | Victoria                                   | Schr—Glt.         | 1853                           | San Salvador, C.A.                    | 80 0  | 22 3  | 7 2  | 63   | Prince Rupert Black Cod Fisheries, Ltd., 211-212 Metropo-<br>litan Bldg., Vancouver, B.C. |
| 121972                              | Teslin                         | Victoria                                   | Barge—Chd.        | 1906                           | White Horse, Y.T.                     | 105 7   | 34 5  | 5 5  | 150  | The British Yukon Navigation Co., Ltd., Victoria, B.C.                                    |
| 106973                              | Tethys                         | St. Andrews                                | Schr—Glt.         | 1806                           | West Isles, N.B.                      | 38 0  | 13 2  | 4 6  | 20   | George Thompson, Chatham Harbour, N.B.  |
| 106974                              | Teton                          | Chatham, N.B.                              | Schr—Glt.         | 1802                           | Cape Cod, N.S.                        | 30 0  | 13 0  | 4 0  | 10   | W. S. Loggie Co., Ltd., Chatham, N.B.   |
| 117130                              | Triad D.                       | Yarmouth                                   | Sloop.            | 1902                           | Cape Island, N.S.                     | 31 0  | 11 0  | 6 0  | 10   | J. L. Goughier, Yarmouth, N.S.  |
| 119273                              | Triad H.                       | Montreal                                   | Sloop.            | 1902                           | Dorval, Que.                          | 24 0  | 7 0   | 5 5  | 5  | James J. Welch, Jr., Montreal, Que.   |
| 100015                              | Trietta                        | Montreal                                   | Schr—Glt.         | 1892                           | Granville, Que.                       | 68 5  | 20 6  | 7 4  | 49   | Clément A. Robitaille, St. Charles, N.S.  |
| 117065                              | Trietta                        | Chatham, N.B.                              | Schr—Glt.         | 1906                           | Canso, N.S.                           | 30 0  | 13 0  | 7 0  | 15   | Alvanor M. Roberts, Chatham, N.S.   |
| 116895                              | Thelma E.                      | Shelburne                                  | Sloop.            | 1903                           | Clarke's Harbour, N.S.                | 35 0  | 11 8  | 6 0  | 11   | E. C. Acker, Harris Point, N.S., and R. T. Acker, Shelburne, N.S.                         |
| 130253                              | Thelma G.                      | Windsor, N.S.                              | Schr—Glt.         | 1916                           | Kingsport, N.S.                       | 38 2  | 12 6  | 4 6  | 11   | Albert C. Brown, Advocate Harbour, N.S.   |
| 167462                              | Thelma H.                      | Quebec                                     | Schr—Glt.         | 1898                           | Haarlem, St. Paul, Que.               | 40 8  | 13 0  | 4 8  | 17   | A. H. Stuard, Baie St. Paul, Que.   |
| 129320                              | Thelma J.                      | Kingston                                   | Schr—Glt.         | 1876                           | Becke, Uverve O., U.S.A.              | 103 2   | 24 1  | 7 9  | 123  | John Cowan, Deseronto, Ont.   |
| 137920                              | Thelma K.                      | Kingston                                   | Schr—Glt.         | 1915                           | Windsor, N.B.                         | 103 2   | 24 1  | 7 9  | 123  | Alexandro Firuzault, Carleton Place, Ont.   |
| 107545                              | Thelma L.                      | St. John, N.B.                             | Schr—Glt.         | 1898                           | St. John, N.B.                        | 28 0  | 11 0  | 5 0  | 10   | Henry R. Mellick, St. John, N.B.  |
| 83074                               | Thelma M.                      | Ottawa                                     | Sloop.            | 1889                           | Kingstons, Ont.                       | 108 0   | 22 3  | 5 5  | 17   | John Elbigh and David Elbigh, I.O. Burritt's Rapids, Ont.                                 |
| 125994                              | Thelma N.                      | Quebec                                     | Barge—Chd.        | 1907                           | Montreal, Que.                        | 94 8  | 26 3  | 5 4  | 80   | The Price Bros. & Co., Ltd., Quebec, Que.   |
| 97145                               | Thistle                        | St. Andrews                                | Schr—Glt.         | 1888                           | Grand Manan, N.B.                     | 27 0  | 12 9  | 5 0  | 12   | Frank Ingersoll, Grand Manan, N.B.  |
| 107174                              | Thistle                        | St. John, N.B.                             | Sloop.            | 1897                           | St. John, N.B.                        | 31 0  | 11 2  | 4 0  | 6  | Cecil F. McLean, St. John, N.B.   |
| 107070                              | Thistle                        | St. John, N.B.                             | Sloop.            | 1880                           | Brooklyn, N.Y., U.S.A.                | 86 0  | 21 1  | 8 6  | 67   | The Minister of Marine and Fisheries, Ottawa, Ont.  |
| 138492                              | Thomas F. Bayard               | Montreal                                   | Barge—Chd.        | 1917                           | Dorval, Que.                          | 128 9   | 27 3  | 7 3  | 219  | St. Maurice Paper Co., Ltd., 42 St. Sacrement, Montreal, Que.                             |
| 131101                              | Thomas McDougall               | Montreal                                   | Sloop.            | 1910                           | Dorval, Que.                          | 39 8  | 8 1   | 2 3  | 4  | G. Ross Hutchins, Montreal, Que.  |
| 117184                              | Three Brothers                 | Chatham, N.B.                              | Schr—Glt.         | 1905                           | Shipigan Island, N.B.                 | 41 7  | 13 4  | 5 4  | 16   | W. S. Loggie Co., Ltd., Chatham, N.B.   |
| 96738                               | Three Brothers                 | Chatham, N.B.                              | Schr—Glt.         | 1890                           | Shippigan, N.B.                       | 35 2  | 12 5  | 4 8  | 12   | John Young, Tracadie, N.B.  |

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|        |                            |                  |               |      |                             |       |      |      |      |   |
|--------|----------------------------|------------------|---------------|------|-----------------------------|-------|------|------|------|---|
| 131062 | Three Cousins              | Lanenburg        | Schr—Glt      | 1909 | Tancook, N.S.               | 41 21 | 10 2 | 5 6  | 13   | R. Lowe and R. P. Scott, North Sydney, N.S.   |
| 132773 | Schr—Glt                   | Richibucto, N.B. | Schr—Glt      | 1911 | Richibucto, N.B.            | 30 0  | 11 9 | 5 0  | 10   | W. E. Forbes, Richibucto, N.B.  |
| 107440 | Sloop                      | St. Andrews      | Sloop         | 1899 | Grand Manan, N.B.           | 30 0  | 11 0 | 6 0  | 12   | Robert A. Mann, Grand Manan, N.B.   |
| 126022 | Three Swallows             | Sydney, N.S.     | Schr—Glt      | 1897 | Glace Bay, N.S.             | 30 2  | 12 0 | 5 0  | 7    | Benj. Gracie, Little Bras d'Or, N.S.  |
| 117052 | Thrush                     | Canso            | Schr—Glt      | 1899 | Beckettown, N.S.            | 31 6  | 11 4 | 5 7  | 10   | David Myers, Canso, N.S.  |
| 131060 | Thunder Bay                | Montreal         | Barge—Chd     | 1895 | Cleveland, O., U.S.A.       | 302 0 | 40 2 | 25 0 | 1951 | Montreal Transportation Co., Ltd., 286 St. James St., Montreal, Que. and The Collingwood, Shipbuilding Co., Ltd., Collingwood, Ont. |
| 134599 | Toad                       | Paspébiac        | Schr—Glt      | 1916 | Grand River, Que.           | 36 3  | 12 5 | 3 6  | 10   | Robin, Jones & Whitman, Limited, Halifax, N.S.  |
| 117086 | Collingwood                | Collingwood      | Dredge—Drague | 1907 | Lachine, Que.               | 85 2  | 27 0 | 6 6  | 269  | Robert and Rob. G. Weddell, Trenton, Ont.   |
| 116532 | Togo                       | Lanenburg        | Schr—Glt      | 1905 | Tancook Island, N.S.        | 43 0  | 11 0 | 7 2  | 14   | Agnes C. Munroe, Canso, N.S.  |
| 116448 | Togo                       | Shelburne        | Schr—Glt      | 1904 | Sable River, N.S.           | 45 5  | 15 4 | 5 9  | 18   | H. R. L. Bell and A. L. Peterson, Lockport, N.S.  |
| 111949 | Tam No. 1                  | New Westminster  | Barge—Chd     | 1901 | New Westcom, Wash., U.S.A.  | 46 7  | 14 5 | 3 0  | 63   | Henry D. Benson, Ladners, B.C.  |
| 92423  | Topsy                      | Prescott         | Scow—Chd      | 1886 | Iroquois, Ont.              | 46 0  | 13 0 | 4 0  | 22   | Mrs. Sarah M. Carman, Iroquois, Ont.  |
| 137895 | Tornado                    | Toronto          | Dredge—Drague | 1914 | Toronto, Ont.               | 170 0 | 42 1 | 12 0 | 737  | St. John Drydock and Shipbuilding Co., Ltd., St. John, N.B.   |
| 107369 | Toronto Harbour Commission | Toronto          | Dredge—Drague | 1896 | Toronto, Ont.               | 90 0  | 27 6 | 4 6  | 180  | The Toronto Harbour Commissioners, Toronto, Ont.  |
| 122214 | Toronto Harbour Commission | Toronto          | Dredge—Drague | 1906 | Toronto, Ont.               | 90 5  | 30 5 | 5 2  | 234  | The Toronto Harbour Commissioners, Toronto, Ont.  |
| 125978 | Toronto Harbour Commission | Toronto          | Dredge—Drague | 1908 | Toronto, Ont.               | 110 1 | 30 1 | 7 3  | 306  | The Toronto Harbour Commissioners, Toronto, Ont.  |
| 134545 | Tot Q                      | Montreal         | Scow—Chd      | 1912 | Montreal, Que.              | 70 2  | 20 0 | 4 3  | 48   | The Minister of Public Works, Ottawa, Ont.  |
| 107145 | Transfer No. 1             | Vancouver        | Scow—Chd      | 1898 | Vancouver, B.C.             | 186 4 | 40 0 | 12 0 | 773  | Canadian Pacific Railway Co., Montreal, Que.  |
| 122931 | Transfer No. 2             | Victoria         | Barge—Chd     | 1907 | Victoria, B.C.              | 233 0 | 40 7 | 12 0 | 973  | Canadian Pacific Railway Co., Montreal, Que.  |
| 130606 | Transfer No. 3             | Victoria         | Barge—Chd     | 1911 | Esquimalt, B.C.             | 250 0 | 42 0 | 10 8 | 927  | Canadian Pacific Railway Co., Montreal, Que.  |
| 134031 | Transfer No. 4             | Victoria         | Barge—Chd     | 1913 | Esquimalt, B.C.             | 260 0 | 42 1 | 12 6 | 895  | Canadian Pacific Railway Co., Montreal, Que.  |
| 134036 | Transfer No. 5             | Victoria         | Barge—Chd     | 1913 | Nelson, B.C.                | 224 1 | 42 5 | 7 9  | 631  | Canadian Pacific Railway Co., Montreal, Que.  |
| 134648 | Transfer No. 6             | Victoria         | Barge—Chd     | 1904 | Iloquois, Wash., U.S.A.     | 142 6 | 42 0 | 12 1 | 622  | Canadian Pacific Railway Co., Montreal, Que.  |
| 138773 | Transfer No. 7             | Victoria         | Barge—Chd     | 1917 | Victoria, B.C.              | 146 8 | 46 4 | 10 5 | 599  | Canadian Pacific Railway Co., Montreal, Que.  |
| 126125 | Trenton                    | Kingston         | Dredge—Drague | 1908 | Trenton, Ont.               | 74 8  | 30 6 | 7 6  | 251  | Robert Weddell, M.O., Trenton, Ont.   |
| 92567  | Trial                      | Halifax          | Schr—Glt      | 1882 | Margaree, N.S.              | 36 0  | 12 8 | 5 6  | 13   | Alexander Cormie, Margaree, N.S.  |
| 112114 | Tribe                      | Halifax          | Schr—Glt      | 1903 | Malbone Bay, N.S.           | 44 6  | 15 0 | 6 5  | 22   | Frederick Field, Mushaboon, N.S.  |
| 103179 | Trilby                     | Digby            | Schr—Glt      | 1895 | Sable River, N.S.           | 53 7  | 16 5 | 7 1  | 31   | F. S. Lent, et al., Freeport, N.S.  |
| 107994 | True Love                  | St. John, N.B.   | Schr—Glt      | 1895 | Canso, N.S.                 | 47 0  | 13 9 | 5 8  | 20   | David Walsh, Canso, N.S.  |
| 88414  | Trumpet                    | St. John, N.B.   | Schr—Glt      | 1837 | Essex, Mass., U.S.A.        | 35 2  | 13 9 | 6 0  | 20   | A. W. Holmes, Beaver Harbour, N.B.  |
| 141162 | Truro Queen                | Parrsboro        | Schr—Glt      | 1918 | Economy, N.S.               | 150 5 | 34 7 | 12 0 | 386  | H. D. McLean and H. C. McKay, J.O., Economy, N.S.   |
| 103998 | Trv Again                  | St. Andrews      | Sloop         | 1898 | Meteghan, N.S.              | 36 1  | 13 0 | 5 0  | 15   | A. W. Ingersoll, Grand Manan, N.B.  |
| 134523 | Tuxedo                     | Chatham, N.B.    | Schr—Glt      | 1914 | Shippigan, N.B.             | 42 0  | 11 5 | 4 8  | 12   | Hector De Grace, Shippigan, N.B.  |
| 138239 | Twin Sisters               | Montreal         | Schr—Glt      | 1889 | East Saginaw, Mich., U.S.A. | 203 8 | 35 3 | 14 5 | 772  | Nova Scotia Steel and Coal Co., Ltd., New Glasgow, N.S.   |
| 122184 | Two Brothers               | Arichat          | Schr—Glt      | 1917 | Sorel, Que.                 | 43 0  | 13 4 | 5 5  | 14   | Jos. P. Troke, Louisburg, N.S.  |
| 107991 | Two Brothers               | Canso            | Schr—Glt      | 1907 | Man-a-Dieu, N.S.            | 40 0  | 13 0 | 6 4  | 19   | Frederick Jello, Port Felix, N.S.   |
| 103583 | Two Brothers               | Chatham, N.B.    | Schr—Glt      | 1895 | Shippigan, N.B.             | 37 0  | 12 4 | 4 8  | 11   | W. S. Logie Co., Ltd., Chatham, N.B.  |
| 80711  | Two Brothers               | Halifax          | Sloop         | 1880 | Paspébiac, Que.             | 49 0  | 15 1 | 6 9  | 30   | Jos. W. Daly, Beech Point, Lot 64, P.E.I.   |
| 80879  | Two Brothers               | Kingston         | Sloop         | 1881 | Battersae, Ont.             | 95 0  | 18 6 | 4 8  | 56   | A. G. Cousins, et al., Belleville, Ont.   |
| 83287  | Two Light                  | Kingston         | Sloop         | 1882 | Dog Lake, Ont.              | 79 0  | 15 8 | 4 5  | 41   | Clement Bell, Belleville, Ont.  |
| 85410  | Typhon                     | Magdalen Islands | Schr—Glt      | 1912 | House Harbour, M.I., Que.   | 69 3  | 19 8 | 7 4  | 58   | Amelet Arsenau, M.O., House Harbour, M.I., Que.   |
| 134479 | U. Marcoite                | Montreal         | Scow—Chd      | 1915 | Montreal, Que.              | 140 3 | 42 2 | 9 7  | 463  | The Minister of Public Works, Ottawa, Ont.  |
| 138109 | U. Paris                   | Montreal         | Sloop         | 1916 | Cape Magdalen, Que.         | 101 7 | 23 3 | 6 6  | 104  | Price Brothers and Company, Ltd., 36 St. Peter St., Quebec, Que.  |

\*Formerly "Daniel Lamb." †Formerly "City Dredge No. 2." ‡Formerly "City Dredge No. 3." §Foreign name "D.L.C. XXIV."

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

©Equipped with Wireless—Muni de la T. S. F.—Abbréviations—Abbreviations: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship<br>Nom du navire. | Port of Registry<br>Port d'enregistrement. | Eig.<br>Créement. | Built<br>Construit | Where Built<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10 <sup>es</sup> . | Breadth in feet and 10ths.<br>Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths.<br>Profondeur en pieds et 10 <sup>es</sup> . | Registered Tonnage<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|--------------------------------|--|-------------------|--------------------|--------------------------------------|--|--|---|---|---|
| 135559                              | Uda R. Corkum                  | Lambourg                                   | Sehr—Ght.         | 1918               | Lambourg, N.S.                       | 112.8  | 26.3   | 10.4  | 100                                       | Freeman Corkum, M.O., Lunenburg, N.S.   |
| 103172                              | Una                            | Guyshorough                                | Sehr—Ght.         | 1894               | Sheburne, N.S.                       | 77.2   | 22.2   | 8.2   | 52  | Mrs. Annie Matthews, Sydney, N.S.   |
| 61946                               | Union                          | Quebec                                     | Sehr—Ght.         | 1870               | Isidore, N.S.                        | 44.0   | 16.4   | 5.6   | 23  | Peter Gagné, Malbato, Que.  |
| 112159                              | United Empire                  | Chartham, N.B.                             | Sehr—Ght.         | 1903               | Caraque, N.B.                        | 43.0   | 14.0   | 5.6   | 17  | Mrs. Sarah Young and F. T. B. Young, J.O., Caraquet, N.B.                             |
| 96890                               | Upper Traverse                 | Ottawa, N.B.                               | Licht Ship        |                    |                                      | 77.0   | 20.0   | 9.5   | 67  | The Minister of Marine and Fisheries, Ottawa, Ont.                                    |
| 97098                               | Uranus                         | Sydney, N.S.                               | Sehr—Ght.         | 1891               | Lunenburg, N.S.                      | 85.9   | 24.5   | 8.8   | 100                                       | George Allen, Montague, P.E.I.  |
| 103417                              | Uranuy                         | Charlottetown                              | Sehr—Ght.         | 1895               | La Have, N.S.                        | 83.0   | 23.5   | 9.3   | 72  | Parthia Sawh, Georgetown, Dominica, B.W.I.  |
| 94694                               | Utah and Eunice                | Digby                                      | Sehr—Ght.         | 1889               | Fredericton, N.S.                    | 50.3   | 18.0   | 6.3   | 43  | Joseph and William Ogilvie, Summerside, N.S.  |
| 117057                              | Utowana                        | Canso                                      | Sehr—Ght.         | 1907               | Tanook, N.S.                         | 42.6   | 12.6   | 6.3   | 15  | Frank C. Lohmes, M.O., Canso, N.S.  |
| 141018                              | V. C. M. No. 2                 | Vancouver                                  | Scow—Chd.         | 1914               | Vancouver, B.C.                      | 80.0   | 30.0   | 6.8   | 139                                       | Vancouver Cedar Mills, Ltd., Comaught Bridge, Vancouver, B.C.                         |
| 111019                              | V. C. M. 1                     | Vancouver                                  | Scow—Chd.         | 1914               | Vancouver, B.C.                      | 94.9   | 29.5   | 7.5   | 180                                       | Vancouver Cedar Mills, Ltd., Comaught Bridge, Vancouver, B.C.                         |
| 130688                              | V. L. T. No. 1                 | Victoria                                   | Barge—Chd.        | 1911               | Victoria, B.C.                       | 90.0   | 32.0   | 8.2   | 193                                       | Vancouver Island Towing Co., Ltd., Victoria, B.C.                                     |
| 130616                              | V. L. T. No. 2                 | Victoria                                   | Barge—Chd.        | 1912               | Victoria, B.C.                       | 85.0   | 25.0   | 7.9   | 185                                       | Vancouver Island Towing Co., Ltd., Victoria, B.C.                                     |
| 130880                              | V. L. 1                        | New Westminster                            | Barge—Chd.        | 1913               | New Westminster, B.C.                | 88.0   | 30.0   | 8.2   | 187                                       | J. Danbury & Co., Ltd., 4th Ave. and Granville St., Vancouver, B.C.                   |
| 141021                              | V. L. Co. No. 2                | Vancouver                                  | Scow—Chd.         | 1907               | Vancouver, B.C.                      | 74.0   | 30.0   | 6.8   | 128                                       | Vancouver Lumber Co., Ltd., Comaught Bridge, Vancouver, B.C.                          |
| 122335                              | V. T. B. 1                     | Vancouver                                  | Scow—Chd.         | 1907               | North Vancouver, B.C.                | 86.2   | 30.2   | 9.0   | 209                                       | Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.                                      |
| 122508                              | V. T. B. 3                     | Vancouver                                  | Scow—Chd.         | 1907               | Vancouver, B.C.                      | 80.4   | 32.1   | 9.0   | 223                                       | Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.                                      |
| 122542                              | V. T. B. 4                     | Vancouver                                  | Scow—Chd.         | 1907               | Vancouver, B.C.                      | 86.5   | 32.0   | 9.1   | 234                                       | Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.                                      |
| 122543                              | V. T. B. 5                     | Vancouver                                  | Scow—Chd.         | 1907               | Vancouver, B.C.                      | 86.4   | 32.0   | 9.1   | 234                                       | Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.                                      |
| 126337                              | V. T. B. 6                     | Vancouver                                  | Scow—Chd.         | 1909               | Vancouver, B.C.                      | 83.6   | 30.4   | 8.2   | 183                                       | Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.                                      |
| 126628                              | V. T. B. 7                     | Vancouver                                  | Scow—Chd.         | 1909               | North Vancouver, B.C.                | 82.7   | 30.1   | 7.5   | 178                                       | Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.                                      |
| 130253                              | V. T. B. 8                     | Vancouver                                  | Scow—Chd.         | 1910               | Vancouver, B.C.                      | 82.0   | 30.1   | 8.0   | 178                                       | Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.                                      |
| 130296                              | V. T. B. 9                     | Vancouver                                  | Scow—Chd.         | 1910               | Vancouver, B.C.                      | 83.5   | 30.1   | 8.0   | 181                                       | Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.                                      |
| 141122                              | V. T. B. No. X                 | Vancouver                                  | Scow—Chd.         | 1913               | Vancouver, B.C.                      | 85.2   | 30.0   | 7.7   | 167                                       | Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.                                      |
| 141023                              | V. T. B. No. XI                | Vancouver                                  | Scow—Chd.         | 1906               | Vancouver, B.C.                      | 90.2   | 29.9   | 7.3   | 162                                       | Vancouver Tug & Barge Co., Ltd., Vancouver, B.C.                                      |
| 130363                              | V. F. Williams                 | Sydney, N.S.                               | Sehr—Ght.         | 1911               | Ingonish, N.S.                       | 35.0   | 12.7   | 6.2   | 13  | Vincent Williams and Chas. Meager, Ingonish Ferry, N.S.                               |
| 130640                              | Vagabond                       | St. John, N.B.                             | Sloop             |                    | U.S.A.                               | 35.9   | 11.1   | 3.1   | 7   | Alfred E. Everett, St. John, N.B.   |
| 1888                                | Valdres                        | Digby                                      | Sehr—Ght.         | 1888               | Cambridge, N.B.                      | 83.4   | 27.6   | 7.0   | 95  | W. G. and W. W. Clarke, Bear River, N.S.  |
| 94743                               | Valdres                        | Digby                                      | Sehr—Ght.         | 1905               | Cambridge, N.B.                      | 83.4   | 27.6   | 7.0   | 95  | W. G. and W. W. Clarke, Bear River, N.S.  |



SESSIONAL PAPER No. 22

|        |                   |                    |      |                                |       |      |      |     |  |
|--------|-------------------|--------------------|------|--------------------------------|-------|------|------|-----|--|
| 116711 | Valdeia           | Quebec             | 1901 | St. Simon, Que.                | 72 0  | 20 2 | 6 0  | 52  | J. B. Brouillard, Dorval, Que.                             |
| 42394  | Valencia          | Montreal           | 1888 | Garden Island, Ont.            | 178 0 | 30 8 | 13 2 | 543 | Wm. Q. Stobo, Quebec, Que.                                 |
| 121651 | Valentina         | Yarmouth           | 1905 | Tusket Wedge, N.S.             | 32 0  | 10 6 | 6 0  | 10  | Mrs. Rosanna Neville, Halifax, N.S.                        |
| 83164  | Valiant           | Yarmouth           | 1881 | La Have, N.S.                  | 76 5  | 22 5 | 8 8  | 80  | Amande Thierro and Gilbert Gurrion, West Arichat, N.S.     |
| 100237 | Valkyrie          | Halifax            | 1893 | Tancook, N.S.                  | 34 4  | 8 6  | 3 6  | 5   | H. F. Marsh, Halifax, N.S.                                 |
| 183852 | Vampire           | Vancouver          | 1887 | Dartmouth, N.S.                | 23 6  | 4 6  | 3 5  | 2   | Wilfred E. Spear, Vancouver, B.C.                          |
| 100851 | Vega              | Quebec             | 1882 | Isle aux Coudres, Que.         | 42 5  | 15 2 | 6 2  | 14  | R. Daly, Quebec, Que.                                      |
| 100434 | Velma A.          | Moncton            | 1882 | Harvey, N.B.                   | 42 5  | 15 2 | 6 2  | 13  | Elijah Chase, Sackville, N.B.                              |
| 103711 | Vemite            | Yarmouth           | 1887 | Mavilleto, N.S.                | 47 0  | 14 1 | 6 0  | 24  | Frederick Wm. Mills and Jos. Berry, Advocate Harbour, N.S. |
| 103651 | Vennie May        | Arichat            | 1910 | Charlo's Cove, N.S.            | 38 8  | 11 4 | 5 2  | 17  | Jos. H. and Theodor Landry, South River Bourgeois, N.S.    |
| 100643 | Vera              | Victoria           | 1887 | San Francisco, Cal.            | 74 0  | 21 2 | 8 5  | 30  | Victoria Sealing Co., Ltd., Victoria, B.C.                 |
|        |                   |                    |      | U.S.A.                         |       |      |      |     |  |
| 131179 | Vera E. Himmelman | Lunenburg          | 1912 | Malbone Bay, N.S.              | 109 2 | 26 2 | 10 6 | 99  | Wm. Duff, M.O., Lunenburg, N.S.                            |
| 141633 | Versailles        | La Have            | 1919 | Bridgewater, N.S.              | 124 0 | 26 7 | 10 1 | 100 | Frederick Gerhardt, M.O., East LaHave, N.S.                |
| 103669 | Vervena           | Sydney, N.S.       | 1898 | Gabarouze, N.S.                | 56 0  | 15 7 | 5 9  | 7   | G. W. Grant, Gabarouse, N.S.                               |
| 131063 | Vernie S.         | Lunenburg          | 1907 | Tancook, N.S.                  | 38 5  | 9 9  | 4 8  | 10  | Abraham Kneikle, Blue Rocks, N.S.                          |
| 121736 | Vernona           | Vancouver          | 1906 | Vancouver, B.C.                | 26 6  | 8 9  | 3 6  | 10  | Spencer P. Judge and Frank P. Judge, I.O., Vancouver, B.C. |
| 103274 | Vesuvius          | Charlton, N.B.     | 1888 | Carleton, N.B.                 | 35 0  | 12 1 | 5 0  | 12  | G. Maillet, Shippagan, N.B.                                |
| 121894 | Vice Reine        | Lunenburg          | 1906 | Sherburne, N.B.                | 41 0  | 13 8 | 5 4  | 12  | Peter Lowe, Mahone Bay, N.S.                               |
| 103775 | Victoria          | Lunenburg          | 1887 | Shippagan, N.B.                | 95 9  | 13 3 | 5 6  | 106 | W. S. Lozgie Co., Ltd., Charlton, N.B.                     |
| 111408 | Victoria          | Lunenburg          | 1900 | LaHave, N.S.                   | 38 6  | 24 6 | 9 8  | 100 | Alexander F. Cameron, Sherbrooke, N.S.                     |
| 107079 | Victoria          | St. Catharines     | 1870 | Welland, Ont.                  | 159 0 | 23 0 | 6 3  | 156 | Allan J. Holloway, Toronto, Ont.                           |
| 107359 | Victoria          | Sydney, N.S.       | 1889 | New Haven, N.S.                | 37 0  | 12 4 | 5 0  | 11  | Daniel Johnson, Louisbourg, N.S.                           |
| 124495 | Victory           | Charlton, N.B.     | 1907 | Pesumic, N.B.                  | 34 8  | 9 8  | 4 5  | 24  | Joseph A. and Livingston Williston, Hardwicke, N.B.        |
| 131210 | Victory Chimes    | Charlottetown      | 1907 | Fundigan, P.E.I.               | 129 7 | 30 2 | 11 5 | 294 | John A. McDonald, et al., Cardigan, P.E.I.                 |
| 104406 | Vie               | Vancouver          | 1902 | Vancouver, B.C.                | 62 0  | 20 2 | 2 0  | 21  | Daniel King, Vancouver, B.C.                               |
| 126328 | Vie No. 3.        | Vancouver          | 1909 | Vancouver, B.C.                | 62 0  | 18 3 | 2 0  | 22  | Daniel King, Vancouver, B.C.                               |
| 127167 | Vieje             | Quebec             | 1889 | Quebec, Que.                   | 70 7  | 19 0 | 8 6  | 59  | Ulrie Gagne, Caribou Island, Que.                          |
| 127687 | Vigie             | Quebec             | 1889 | Quebec, Que.                   | 70 7  | 19 0 | 8 6  | 59  | Ulrie Gagne, Caribou Island, Que.                          |
| 123589 | Vigilant          | Gaspe              | 1894 | Beesete River, Anticosti, Que. | 32 6  | 13 0 | 4 6  | 11  | Lac Cormier, Esquimaux Pt., Que.                           |
|        |                   |                    |      | Que.                           |       |      |      |     |  |
| 100951 | Vigilant          | Halifax            | 1894 | Tancook Island, N.S.           | 34 3  | 9 0  | 3 7  | 5   | Dudley Mills, Halifax, N.S.                                |
| 116970 | Vigilant          | St. Andrews        | 1906 | Clarke's Harbour, N.S.         | 33 7  | 12 1 | 2 8  | 12  | Webster Cassaboom, Grand Manan, N.B.                       |
| 123021 | Vick              | Charlton, N.B.     | 1913 | Lamek, N.B.                    | 47 0  | 14 8 | 7 5  | 29  | Maximin Poudin, Little Lamek, N.B.                         |
| 100921 | Viking            | Port Dover         | 1891 | Port Dover, Ont.               | 62 0  | 16 6 | 7 8  | 39  | D. J. McLeod, Newcastle, Ont.                              |
| 107931 | Viking            | St. John, N.B.     | 1899 | Yarmouth, N.S.                 | 90 3  | 11 6 | 3 0  | 9   | R. H. Bissett, St. John, N.B.                              |
| 121721 | Viking            | Vancouver          | 1913 | Victoria, B.C.                 | 77 8  | 22 6 | 4 3  | 8   | Walter G. Sweet and Lewis H. Evans, Vancouver, B.C.        |
| 132646 | Village Leaf      | Halifax            | 1913 | Malbone Bay, N.S.              | 75 8  | 22 6 | 4 3  | 73  | John Keeping, Ramco, Nfld.                                 |
| 88202  | Villageois        | Quebec             | 1891 | St. Jean Des Mallois, Que.     | 92 4  | 22 6 | 5 0  | 14  | G. Gizme, Portneuf, Que.                                   |
| 117183 | Vina              | Charlton, N.B.     | 1881 | Alma, N.B.                     | 43 4  | 35 3 | 12 8 | 452 | Amedee Noel, Shippagan, N.B.                               |
| 134778 | Vincent A. White  | Yarmouth           | 1913 | Alma, N.B.                     | 43 4  | 35 3 | 12 8 | 452 | A. H. Soley, Toronto, Ont.                                 |
| 121659 | Vincent           | Yarmouth           | 1911 | Tusket Wedge, N.S.             | 53 0  | 11 0 | 6 0  | 10  | Alexander Frontan, Salmon River, N.S.                      |
| 126912 | Vida G. Hartlin   | Halifax            | 1904 | Ydoro, N.S.                    | 71 0  | 19 7 | 6 7  | 25  | Peter Hartin, M.O., Ydoro, N.S.                            |
| 100330 | Vida Pearl        | Yarmouth           | 1914 | Ydoro, N.S.                    | 43 6  | 12 6 | 7 4  | 23  | Schelor, Viola Pearl Co., Ltd., St. John, N.B.             |
| 133673 | Vida Pearl        | Halifax            | 1914 | Ydoro, N.S.                    | 43 6  | 12 6 | 7 4  | 23  | Schelor, Viola Pearl Co., Ltd., St. John, N.B.             |
| 94726  | Violet N. Hunt    | Dialux             | 1888 | Ydoro, N.S.                    | 58 6  | 17 8 | 6 4  | 32  | Neville Cagman, Ltd. 119 Lower St., N.S.                   |
| 40455  | Violet West       | Halifax            | 1885 | Souda, N.S.                    | 44 6  | 17 8 | 6 4  | 32  | Neville Cagman, et al., Westport, N.S.                     |
| 122238 | Violet and Annie  | Halifax            | 1908 | Peabody, N.S.                  | 41 5  | 15 8 | 7 0  | 32  | John L. Abried, Hope's Harbour, N.S.                       |
| 100548 | Violet and Annie  | Dialux             | 1888 | Hillsboro, N.S.                | 41 5  | 15 8 | 7 0  | 32  | John L. Abried, Hope's Harbour, N.S.                       |
| 130423 | Vira Evelyn       | St. Andrews        | 1894 | St. John's Field, Me., U.S.A.  | 37 6  | 13 4 | 5 4  | 12  | Robt. Jones & Whitman, Ltd., Halifax, N.S.                 |
| 122452 | Virgin            | Barrington Passage | 1907 | Tusket Wedge, N.S.             | 37 6  | 13 4 | 5 4  | 12  | A. W. Longmire, Hillsboro, N.S.                            |
| 138590 | Virgin Currier    | St. John, N.B.     | 1913 | Oromocto, N.B.                 | 55 5  | 13 1 | 7 0  | 17  | Willard M. Kelly, Yarmouth, N.S.                           |
| 137822 | Vivian P. Smith   | Lunenburg          | 1915 | Oromocto, N.B.                 | 102 0 | 26 0 | 11 0 | 61  | Martin C. Smith, Yarmouth, N.S.                            |
| 130950 | Vivian Ruth       | Lunenburg          | 1912 | Lunenburg, N.S.                | 107 8 | 28 3 | 10 4 | 95  | Edmund C. Smith, Lunenburg, N.S.                           |
| 116293 | Vivon             | Halifax            | 1903 | Ship Harbour, N.S.             | 47 8  | 13 0 | 6 5  | 15  | C. A. and Philip Lake, Portneuf, Nfld.                     |
| 138290 | Vogue             | La Have            | 1917 | Shippagan, N.S.                | 108 2 | 28 6 | 10 7 | 196 | Robert Keatinge, Ship Harbour, N.S.                        |
| 100695 | Voltaire          | Charlton, N.B.     | 1891 | Shippagan, N.B.                | 35 0  | 12 0 | 4 6  | 10  | F. E. Hickman & Co., Ltd., St. John's, Nfld.               |
| 103352 | Voltaireur        | Quebec             | 1894 | Les Escoumains, Que.           | 60 8  | 18 6 | 5 3  | 34  | P. Rive, Carquet, N.B.                                     |

\*Recovered wreck. †Formerly "Halcyon." ‡Formerly "Leta J. Schwartz."

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.

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| Official Number<br>Numéro officiel. | Name of Ship<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Rig.<br>Grècement. | Build.<br>Cons-<br>truit<br>en | Where Built.<br>Lieu de construction. | Length<br>in feet and 10ths. | Breadth<br>in feet and 10ths. | Largeur<br>en pieds et 10ths. | Depth<br>in feet and 10ths. | Profoundeur<br>en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré.  | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|--------------------------------|---|--------------------|--------------------------------|---------------------------------------|------------------------------|-------------------------------|-------------------------------|-----------------------------|----------------------------------|---|---|
| 96310                               | Volunteer.                     | Kingston.                                   | Schr—Glt.          | 1891                           | Dog Lake, Ont.                        | 88 8                         | 17 0                          | 8 8                           | 5 6                         | 59                               | Barney Black, Kingston, Ont.  |   |
| 96634                               | Vredts.                        | Toronto.                                    | Cutter.            | 1888                           | Troon, G.B.                           | 53 3                         | 10                            | 3 3                           | 9 5                         | 18                               | A. G. Feuchen, Toronto, Ont.  |   |
| 103588                              | Vulture.                       | Chatham, N.B.                               | Schr—Glt.          | 1896                           | Caraquet, N.B.                        | 36 3                         | 12 5                          | 12 5                          | 5 0                         | 13                               | W. S. Loggie Co., Ltd., Chatham, N.B.   |   |
| 133275                              | W. 20.                         | Sault Ste. Marie.                           | Scow—Chd           | 1898                           | Duluth, Minn., U.S.A.                 | 75 0                         | 26 0                          | 26 0                          | 8 5                         | 166                              | Sydney L. Penhorwood, Sault Ste. Marie, Ont.                                      |   |
| 134376                              | W. 20.                         | Sault Ste. Marie.                           | Scow—Chd           | 1897                           | Duluth, Minn., U.S.A.                 | 116 0                        | 28 5                          | 28 5                          | 9 5                         | 207                              | Sydney L. Penhorwood, Sault Ste. Marie, Ont.                                      |   |
| 134378                              | W. 35.                         | Sault Ste. Marie.                           | Scow—Chd           | 1883                           | Duluth, Minn., U.S.A.                 | 80 0                         | 24 9                          | 24 9                          | 8 5                         | 177                              | Sydney L. Penhorwood, Sault Ste. Marie, Ont.                                      |   |
| 134900                              | W. B. No. 1.                   | Vancouver.                                  | Scow—Chd           | 1911                           | New Westminster, B.C.                 | 39 6                         | 5 9                           | 5 9                           | 4 1                         | 120                              | William Barmeter, Vancouver, B.C.   |   |
| 134904                              | W. C. St. M. No. 3.            | Montreal.                                   | Scow—Chd           | 1909                           | Chateauguay, Que.                     | 32 0                         | 5 8                           | 5 8                           | 4 0                         | 24                               | Alvin Belandier and A. Latorre, P.O. Lachine, Que.                                |   |
| 134573                              | W. C. No. 1.                   | New Westminster.                            | Barge—Chd          | 1914                           | Blaine, Wash., U.S.A.                 | 63 0                         | 21 6                          | 21 6                          | 3 0                         | 72                               | Alvin John Ingvick, Vancouver, B.C.   |   |
| 134523                              | W. 1. No. 1.                   | Vancouver.                                  | Scow—Chd           | 1917                           | New Westminster, B.C.                 | 70 3                         | 24 2                          | 24 2                          | 5 0                         | 79                               | Merrill Des Brisay, Vancouver, B.C.   |   |
| 1348707                             | W. 1. No. 3.                   | Vancouver.                                  | Scow—Chd           | 1907                           | Thurlow Isl., B.C.                    | 67 3                         | 27 0                          | 27 0                          | 9 6                         | 174                              | The W. J. Popore Co., Ltd., Montreal, Que.  |   |
| 134906                              | W. J. P. Co. No. 1.            | Lancenburg.                                 | Scow—Chd           | 1902                           | Montreal, Que.                        | 97 2                         | 57 0                          | 57 0                          | 9 6                         | 174                              | The W. J. Popore Co., Ltd., Montreal, Que.  |   |
| 134907                              | W. J. P. Co. No. 2.            | Lancenburg.                                 | Scow—Chd           | 1908                           | Lancenburg, N.S.                      | 97 2                         | 57 0                          | 57 0                          | 9 6                         | 174                              | The W. J. Popore Co., Ltd., Montreal, Que.  |   |
| 134908                              | W. J. P. Co. No. 3.            | Lancenburg.                                 | Scow—Chd           | 1908                           | Lancenburg, N.S.                      | 97 2                         | 57 0                          | 57 0                          | 9 6                         | 174                              | The W. J. Popore Co., Ltd., Montreal, Que.  |   |
| 134909                              | W. J. P. Co. No. 4.            | Montreal.                                   | Scow—Chd           | 1908                           | Sorel, Que.                           | 65 5                         | 19 2                          | 19 2                          | 7 0                         | 75                               | Montreal Light, Heat and Power Consolidated, 83 Craig St. W. Montreal, Que.       |   |
| 134910                              | W. J. P. Co. No. 5.            | Montreal.                                   | Scow—Chd           | 1909                           | Sorel, Que.                           | 65 5                         | 22 1                          | 22 1                          | 7 5                         | 117                              | Montreal Light, Heat and Power Consolidated, 83 Craig St. W. Montreal, Que.       |   |
| 117010                              | W. K. No. 6.                   | Vancouver.                                  | Scow—Chd           | 1903                           | New Westminster, B.C.                 | 69 0                         | 25 0                          | 25 0                          | 6 8                         | 101                              | L. Walsh, Ltd., New Westminster, B.C.   |   |
| 134561                              | W. M. R. No. 1.                | Vancouver.                                  | Scow—Chd           | 1912                           | New Westminster, B.C.                 | 78 0                         | 28 0                          | 28 0                          | 7 0                         | 153                              | Colburn, Ltd., and Park Mills, Limited, 1212 Standard Bank Bldg., Vancouver, B.C. |   |
| 134560                              | W. M. R. No. 2.                | New Westminster.                            | Barge—Chd          | 1911                           | New Westminster, B.C.                 | 85 0                         | 27 0                          | 27 0                          | 7 3                         | 153                              | B. C. Marine Limited, Victoria Drive, Vancouver, B.C.                             |   |
| 130861                              | W. M. R. No. 3.                | New Westminster.                            | Barge—Chd          | 1910                           | New Westminster, B.C.                 | 87 0                         | 30 0                          | 30 0                          | 8 7                         | 196                              | Vancouver Creosoting Company, Ltd., 1368 Standard Bank Bldg., Vancouver, B.C.     |   |
| 138698                              | W. P. 15.                      | Vancouver.                                  | Scow—Chd           | 1918                           | New Westminster, B.C.                 | 47 2                         | 14 0                          | 14 0                          | 3 5                         | 17                               | Western Packers, Limited, 1414 Standard Bank Bldg., Vancouver, B.C.               |   |
| 138699                              | W. P. 16.                      | Vancouver.                                  | Scow—Chd           | 1918                           | New Westminster, B.C.                 | 47 2                         | 14 0                          | 14 0                          | 3 5                         | 17                               | Western Packers, Limited, 1414 Standard Bank Bldg., Vancouver, B.C.               |   |
| 92661                               | W. A. Crombie.                 | Ottawa.                                     | Barge—Chd          | 1887                           | Ottawa, Ont.                          | 110 0                        | 22 0                          | 22 0                          | 7 0                         | 155                              | The Richardson Paper Co. Ltd., Montreal, Que.                                     |   |
| 111560                              | W. C. Clark.                   | St. Andrews.                                | Schr—Glt.          | 1901                           | Grand Manan, N.B.                     | 36 0                         | 13 2                          | 13 2                          | 6 0                         | 16                               | Maxfils Cheney, Grand Manan, N.B.   |   |
| 141494                              | W. D. Mangan.                  | St. John, N.B.                              | Schr—Glt.          | 1882                           | Taunton, Mhss., U.S.A.                | 75 7                         | 25 2                          | 25 2                          | 7 0                         | 97                               | Alvin A. Wilbur, New Horton, N.B., and Stephen M. Rolfe, Alton, N.B.              |   |
| 88518                               | W. F. Elizabeth.               | Sydney, N.S.                                | Schr—Glt.          | 1886                           | St. Peter's, N.S.                     | 32 1                         | 12 8                          | 12 8                          | 5 1                         | 10                               | Thomas Doyle, North Rustico, P.E.I.   |   |
| 122381                              | W. F. Foley.                   | Yarmouth.                                   | Schr—Glt.          | 1908                           | Tusket Wedge, N.S.                    | 69 0                         | 19 6                          | 19 6                          | 8 0                         | 51                               | The Minister of Marine and Fisheries, Ottawa, Ont.                                |   |

SESSIONAL PAPER No. 22

| No.    | Name              | Type          | Town             | Owner                    | Tonnage | Length | Breadth | Depth | Speed  | Remarks |
|--------|-------------------|---------------|------------------|--------------------------|---------|--------|---------|-------|--|---------|
| 121483 | W. G. Hudson      | Sehr—Glt.     | Charlottetown    | St. Georges, Nfld.       | 59 1    | 18 2   | 8 3     | 40    | Elisha C. LePage, Rusticoville, P.E.I.   |         |
| 131172 | W. C. Robertson   | Sehr—Glt.     | Ulenburg         | La Havo, N.S.            | 83 4    | 22 4   | 8 7     | 40    | Wetley, Pubrover, Str., M.O., La Havo, N.S.                                      |         |
| 131162 | W. H. Baxter      | Sehr—Glt.     | Windsor, N.S.    | Canning, N.S.            | 138 0   | 32 6   | 12 4    | 327   | Wm. H. Baxter, M.O., Canning, N.S.   |         |
| 141640 | W. H. Eastwood    | Sehr—Glt.     | La Havo          | Uverpool, N.S.           | 153 8   | 37 0   | 12 8    | 327   | Progressive Ocean Traveling Co., Ltd., La Havo, N.S.                             |         |
| 126406 | W. H. Rowley      | Barge—Chd.    | Ottawa           | Hull, Que.               | 113 0   | 24 2   | 10 5    | 74    | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                                |         |
| 130824 | W. H. Smith       | Sehr—Glt.     | St. John, N.B.   | Windsor Bay, N.S.        | 103 0   | 25 2   | 10 5    | 120   | McLourne M <sup>r</sup> . Gardner, et al., Lunenburg, N.S.                       |         |
| 100099 | W. H. Waters      | Sehr—Glt.     | St. John, N.B.   | Westfield, N.B.          | 86 5    | 28 1   | 7 9     | 120   | Robertson Wright & Co., Ltd., and Benj. S. Gate, St. John,                       |         |
| 71274  | W. J. Saffell     | Sehr—Glt.     | Kingston         | Port Burwell, Ont.       | 120 0   | 26 0   | 8 8     | 238   | Wm. H. Gilbert, Belleville, Ont.   |         |
| 122471 | W. K. Griffiths   | Barge—Chd.    | Ottawa           | Hull, Que.               | 122 1   | 24 1   | 8 6     | 208   | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                                |         |
| 141257 | W. L. MacKenzie   | Sehr—Glt.     | Yarmouth         | Wedgeport, N.S.          | 107 0   | 25 6   | 10 9    | 147   | Roger E. LeBlanc, Wedgeport, N.S.  |         |
| 121786 | W. M. Dobell      | Barge—Chd.    | Ottawa           | Hull, Que.               | 121 8   | 24 1   | 8 1     | 196   | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                                |         |
| 126598 | W. M. Richard     | Sehr—Glt.     | Annapolis Royal  | Port Greville, N.S.      | 139 4   | 33 6   | 11 5    | 323   | Frederick W. Bisset, Halifax, N.S.   |         |
| 122113 | W. S. Caldwell    | Sehr—Glt.     | Toronto          | Chester, Pa., U.S.A.     | 191 0   | 29 0   | 14 4    | 543   | The S. J. Phelps Trust Co., Inc., Toronto, Ont.                                  |         |
| 141258 | W. S. Macdonald   | Sehr—Glt.     | Yarmouth         | Malcolm, N.S.            | 146 5   | 32 7   | 12 3    | 332   | The S. J. Phelps Trust Co., Inc., Toronto, Ont.                                  |         |
| 111649 | W. S. Wynne       | Sehr—Glt.     | Lunenburg        | Melrose Bay, N.S.        | 90 8    | 24 7   | 10 0    | 100   | Keaton F. Horwood, St. John, N.B.  |         |
| 131041 | W. Robidoux       | Dredge—Dredge | Montreal         | Hall, Que.               | 85 4    | 25 4   | 5 4     | 128   | Wilfrid Robidoux, Yarmouth, N.S.   |         |
| 126527 | W. Rathford       | Barge—Chd.    | Ottawa           | Hull, Que.               | 108 0   | 22 8   | 7 2     | 147   | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                                |         |
| 130610 | Wabash No. 1      | Barge—Chd.    | Victoria         | U.S.A.                   | 50 0    | 15 0   | 3 5     | 26    | Frances A. MacFarlane and Frederic MacFarlane, Sidney, B.C.                      |         |
| 130768 | Wain              | Scow—Chd.     | Kingston         | Wolfe Island, Ont.       | 34 0    | 15 4   | 4 0     | 16    | Herman B. Moore, Wolfe Island, Ont.  |         |
| 111793 | Walka Walla       | Sehr—Glt.     | Port Hawkesbury  | Cheticamp, N.S.          | 34 0    | 11 2   | 6 5     | 15    | Sirion Belfountain, Eastport Harbour, N.S.                                       |         |
| 92599  | Walker            | Sehr—Glt.     | Halifax          | Red Head, N.S.           | 26 3    | 13 4   | 6 6     | 11    | Robert Johnson, Halifax, N.S.  |         |
| 116724 | Walker C.         | Sloop         | St. John, N.B.   | Lorneville, N.B.         | 41 9    | 15 5   | 5 5     | 18    | L. L. Belding, Chances Harbour, N.B.   |         |
| 135599 | Wanderer I.       | Sloop         | Saint John, N.B. | Saint John, N.B.         | 26 4    | 10 5   | 3 6     | 7     | James W. Barnes, Saint John, N.B.  |         |
| 100019 | Wania             | Sehr—Glt.     | Windsor, N.S.    | Gravelly, N.S.           | 60 8    | 20 0   | 7 8     | 42    | James E. Oehlvis, Parrsboro, N.S.  |         |
| 90896  | Wasipi            | Sehr—Glt.     | Yarmouth         | Shelburne, N.S.          | 90 4    | 24 2   | 9 7     | 100   | A. F. Stoneman, et al., Yarmouth, N.S.   |         |
| 100985 | Wasp              | Sehr—Glt.     | Chartham, N.B.   | Carsquest, N.B.          | 36 0    | 12 8   | 5 0     | 12    | C. Robin Collins & Co., Ltd., Jersey, C.I.                                       |         |
| 61094  | Water Lily        | Sehr—Glt.     | Halifax          | Liverpool, N.S.          | 38 4    | 14 0   | 5 5     | 14    | Donald McKenzie, Pictou, N.S.  |         |
| 140914 | Water Scow No. 1  | Scow—Chd.     | Vancouver        | Vancouver, B.C.          | 70 5    | 21 9   | 4 7     | 59    | Canadian Fish and Cold Storage Co., Ltd., Seal Cove, Prince Rupert, B.C.         |         |
| 140915 | Water Scow No. II | Scow—Chd.     | Vancouver        | Vancouver, B.C.          | 40 1    | 14 0   | 3 3     | 13    | Imperial Munitions Board, Ottawa, Ont.   |         |
| 80961  | Waterlily         | Sehr—Glt.     | Halifax          | Little Glace Bay, N.S.   | 41 6    | 14 6   | 5 8     | 19    | Shelby Evans, Halifax, N.S.  |         |
| .....  | Waubashiens       | Sehr—Glt.     | Toronto          | Chartham, Ont.           | 149 0   | 26 0   | 11 6    | 478   | The Collin's Bay Rating & Forwarding Co., Ltd., Kingston, Ont.                   |         |
| 90488  | Wave              | Sehr—Glt.     | Charlottetown    | Sport Harbour, N.S.      | 43 5    | 14 0   | 5 5     | 19    | Geo. A. Poole, Lower Montague, P.E.I.  |         |
| 126774 | Wavota            | Sehr—Glt.     | Richibucto       | Port Sapin, N.B.         | 30 5    | 9 9    | 4 8     | 11    | William H. and David V. Long, Richibucto, N.B.                                   |         |
| 138110 | Wayne             | Barge—Chd.    | Montreal         | St. Clair, Mich., U.S.A. | 187 0   | 34 4   | 13 0    | 668   | Canada Steamship Lines, Limited, 9 Victoria Square, Montreal, Que.               |         |
| 116857 | Wenona            | Sehr—Glt.     | Arlach           | Tor Bay, N.S.            | 35 4    | 10 5   | 4 9     | 10    | John J. Uloth, Tor Bay, N.S.   |         |
| 100152 | Werra             | Sehr—Glt.     | Lunenburg        | Lunenburg, N.S.          | 77 0    | 23 6   | 8 5     | 85    | Robert P. Scott, M.O., North Sydney, N.S.  |         |
| 75595  | West Wind         | Sehr—Glt.     | Digby            | Alberton, P.E.I.         | 45 7    | 10 4   | 6 0     | 25    | Geo. Post, Digby, N.S.   |         |
| 107760 | Western Prince    | Sehr—Glt.     | Charlottetown    | Palmer Road, P.E.I.      | 40 6    | 13 6   | 5 7     | 15    | Benjamin Gallant, Ebbesfleet, P.E.I.   |         |
| 126957 | Westholme No. 2   | Barge—Chd.    | Vancouver        | Chemainus, B.C.          | 80 3    | 36 5   | 8 4     | 248   | Gulf of Georgia Towing Co., Limited (1920), 1199 Sixth Ave., W., Vancouver, B.C. |         |
| 138810 | Westway           | Sehr—Glt.     | Weymouth         | Plympton, N.S.           | 112 2   | 29 5   | 10 5    | 294   | Sidney St. C. Jones, et al., Weymouth, N.S.                                      |         |
| 141109 | Whalen No. 1      | Scow—Chd.     | Vancouver        | Mill Creek, B.C.         | 80 1    | 28 0   | 7 2     | 237   | Whalen Pulp & Paper Mills, Limited, 650 Pender St. W., Vancouver, B.C.           |         |
| 141200 | Whalen No. 2      | Scow—Chd.     | Vancouver        | Mill Creek, B.C.         | 77 7    | 28 5   | 7 4     | 137   | Whalen Pulp & Paper Mills, Limited, 650 Pender St. W., Vancouver, B.C.           |         |
| 141201 | Whalen No. 4      | Scow—Chd.     | Vancouver        | Vancouver, B.C.          | 81 0    | 30 0   | 7 6     | 356   | Whalen Pulp & Paper Mills, Limited, 650 Pender St. W., Vancouver, B.C.           |         |
| 141202 | Whalen No. 5      | Scow—Chd.     | Vancouver        | Vancouver, B.C.          | 78 0    | 28 0   | 7 2     | 134   | Whalen Pulp & Paper Mills, Limited, 650 Pender St. W., Vancouver, B.C.           |         |

\*Formerly "Berks." †Foreign name "Stella."

ALPHABETICAL LIST of Sailing Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE des navires à voiles inscrits dans les registres maritimes du Canada au 31 décembre 1920.  
 © Equipped with Wireless Muni de la T.S.F.—Abréviations—Abbreviations: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel. | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Rig.<br>Gréement. | Built<br>Construit en | Where Built.<br>Lieu de construction. | Length in feet and 10ths.<br>Longueur en pieds et 10 <sup>es</sup> . | Breadth in feet and 10ths.<br>Largeur en pieds et 10 <sup>es</sup> . | Depth in feet and 10ths.<br>Profondeur en pieds et 10 <sup>es</sup> . | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|-------------------------------------|---------------------------------|---|-------------------|-----------------------|---------------------------------------|--|--|---|--|---|
| 141203                              | Whalen No. 7.                   | Vancouver.                                  | Scow—Chd.         | 1912                  | Vancouver, B.C.                       | 80 4   | 28 1   | 7 9   | 141  | Whalen Pulp & Paper Mills, Limited, 650 Vender St. W., Vancouver, B.C.                |
| 103704                              | Whisper.                        | Yarmouth.                                   | Sloop—Glt.        | 1896                  | Pubnico, N.S.                         | 52 5   | 14 9   | 6 3   | 31   | Allan J. Coffill and Robt. C. Coffill, Canning, N.S.                                  |
| 90658                               | Whisper.                        | St. John, N.B.                              | Schr—Glt.         | 1886                  | Eel Brook, N.S.                       | 50 9   | 14 7   | 6 0   | 24   | David Chute, Harbourgville, N.S.  |
| 100962                              | White Bird.                     | Chatham, N.B.                               | Schr—Glt.         | 1908                  | Shippigan, N.B.                       | 46 8   | 15 8   | 6 0   | 27   | Alexander Tremblay, Miminogash, P.E.I.  |
| 126252                              | White Cap.                      | Chatham, N.B.                               | Schr—Glt.         | 1908                  | Point Sable, N.B.                     | 34 4   | 10 0   | 5 0   | 11   | Henry Jimmo, et al., Ecumineg, N.B.   |
| 122054                              | White Fish.                     | Chatham, N.B.                               | Schr—Glt.         | 1906                  | Shippigan Island, N.B.                | 36 0   | 13 2   | 5 5   | 13   | Eutrope Chiasson, Shippigan Island, N.B.  |
| 122465                              | White Wing.                     | Yarmouth                                    | Sloop.            | 1906                  | Short Beach, N.S.                     | 34 0   | 11 0   | 6 0   | 10   | S. F. Nickerson and Andrew Dunean, Kelly's Cove, N.S.                                 |
| 100953                              | White Wings                     | Chatham, N.B.                               | Schr—Glt.         | 1830                  | Carriquet, N.B.                       | 35 1   | 12 7   | 4 4   | 10   | Mrs. Sarah Young & F. T. Young, J.O., et al., Carriquet, N.B.                         |
| 83155                               | White Wings                     | Hamilton                                    | Sloop.            | 1886                  | Trenton, Ont.                         | 40 0   | 15 6   | 6 4   | 22   | R. W. Seale, Port Credit, Ont.  |
| 30223                               | White and Priant.               | Kingston.                                   | Schr—Glt.         | 1881                  | Bay City, Mich., U.S.A.               | 158 0  | 28 0   | 11 6  | 278  | Robt. G. Weddell, Trenton, Ont.   |
| 141626                              | Whitebelle.                     | Parrishoro                                  | Schr—Glt.         | 1920                  | Parrishoro, N.S.                      | 172 0  | 37 4   | 13 0  | 572  | The Forrester Navigation Co., Ltd., Sussex, N.B.                                      |
| 141516                              | Whitson.                        | Parrishoro                                  | Bkt—Bkgt.         | 1919                  | Alma, N.B.                            | 175 0  | 35 6   | 18 1  | 762  | Harvester Navigation Co., Ltd., Sussex, N.B.  |
| 141513                              | Whitway.                        | Parrishoro                                  | Schr—Glt.         | 1919                  | Parrishoro, N.S.                      | 154 0  | 37 0   | 12 4  | 418  | The Forrester Navigation Co., Ltd., Sussex, N.B.                                      |
| 92393                               | Wide Awake                      | Kingston.                                   | Schr—Glt.         | 1887                  | Kingston, Ont.                        | 65 3   | 15 3   | 3 8   | 24   | John Tuttle, Kingston, Ont.   |
| 16233                               | Wild Rose                       | Digby                                       | Sloop.            | 1904                  | Port Lorne, N.S.                      | 38 5   | 15 4   | 6 0   | 16   | Joseph H. Hall, Windsor, N.S.   |
| 54416                               | Wildflower                      | St. John, N.B.                              | Schr—Glt.         | 1866                  | Washademoonk, N.B.                    | 55 0   | 18 0   | 5 0   | 33   | John B. Podge, Kars, N.B.   |
| 55586                               | Wildwood                        | Windsor, N.S.                               | Schr—Glt.         | 1883                  | St. John, N.B.                        | 222 3  | 40 7   | 22 1  | 1381                                       | Ypsoph Packet Co., Ltd., Windsor, N.S.  |
| 116292                              | Wilena Fraser.                  | Charlottetown                               | Sloop.            | 1898                  | Charlottetown, P.E.I.                 | 35 0   | 12 0   | 4 4   | 13   | Simon Richard, South Bar, C.B., N.S.  |
| 221801                              | Wilford H.                      | Yarmouth                                    | Schr—Glt.         | 1910                  | Maxville, N.S.                        | 33 0   | 10 4   | 6 0   | 11   | Nathaniel Horton, South Bar, C.B., N.S.   |
| 126811                              | Wilfred D.                      | Yarmouth                                    | Schr—Glt.         | 1907                  | Maxville, N.S.                        | 50 0   | 15 0   | 7 1   | 25   | Ceo. Lent and Wellon Finigan, Freeport, N.S.  |
| 126896                              | Will W. Case.                   | Quebec.                                     | Schr—Glt.         | 1905                  | Shelburne, N.S.                       | 63 5   | 17 2   | 7 1   | 51   | Raymond N. D'Ontremont, West Pubnico, N.S.  |
| 92662                               | Willard Crane.                  | Quebec.                                     | Schr—Glt.         | 1914                  | Montauque, Que.                       | 85 1   | 31 0   | 16 0  | 591  | Canadian Pacific Railway Co., Montreal, Que.  |
| 126478                              | Willotta                        | Halifax                                     | Schr—Glt.         | 1887                  | Sambro, N.S.                          | 110 0  | 23 0   | 7 0   | 155  | Price Bros & Co., Ltd., 56 St. Peter St., Quebec, Que.                                |
| 138645                              | William A. Nangle.              | La Have.                                    | Schr—Glt.         | 1918                  | Bridgewater, N.S.                     | 42 0   | 12 0   | 5 6   | 15   | The Riordan Paper Co., Ltd., Montreal, Que.   |
| 73912                               | William Albert.                 | Magdalen Islands                            | Schr—Glt.         | 1881                  | Grindstone, M.I., Que.                | 132 6  | 32 0   | 11 6  | 295  | Daniel Gelsion, M.O., La Have, N.S.   |
| 73930                               | Wm. C. Bloomingdale.            | Montreal.                                   | Schr—Glt.         | 1897                  | St. Charles, N.Y., U.S.A.             | 57 1   | 19 6   | 8 1   | 41   | Maurice E. Boland, Bireby Cove, N.B.  |
| 141473                              | Wm. C. Bloomingdale.            | Montreal.                                   | Schr—Glt.         | 1919                  | St. Charles, N.Y., U.S.A.             | 96 3   | 17 8   | 7 4   | 112  | Richelieu Transportation Co., Limited, 137 McGill St., Montreal, Que.                 |
| 126818                              | William C. Smith.               | Lunenburg                                   | Schr—Glt.         | 1910                  | Lunenburg, N.S.                       | 104 8  | 26 0   | 10 6  | 99   | Melbourne M. Gardner, et al., Lunenburg, N.S.   |
| 126253                              | William Davidson.               | Chatham, N.B.                               | Schr—Glt.         | 1908                  | Chatham, N.B.                         | 67 8   | 20 4   | 8 0   | 61   | W. S. Loggie Co., Ltd., Chatham, N.B.   |
| 73912                               | Wm. Jamieson.                   | Kingston.                                   | Schr—Glt.         | 1878                  | Mill Point, Ont.                      | 100 0  | 25 4   | 8 6   | 143  | Patrick J. McManus, and Wm. Savage, Pictou, Ont.                                      |
| 133900                              | William Melbourne.              | Parrishoro                                  | Schr—Glt.         | 1917                  | Spencer's Island, N.S.                | 146 4  | 35 5   | 12 7  | 435  | The "William Melbourne" N.S.  |

SESSIONAL PAPER No. 22

| No.    | Name           | Type          | Home Port          | Agent                          | Tonnage | Length | Breadth | Depth | Speed | Remarks   |
|--------|----------------|---------------|--------------------|--------------------------------|---------|--------|---------|-------|-------|---|
| 134204 | William P.     | Schr—Glt.     | Charlottetown      | Palmer Road, P. E. I.          | 39 9    | 12 5   | 6 5     | 4 9   | 13    | Captain Henry Perry, Palmer Road, P. E. I.                            |
| 116648 | Wm. Power      | Barge—Chd.    | Ottawa             | Hull, Que.                     | 112 8   | 24 0   | 8 2     | 11 2  | 168   | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                     |
| 134236 | William Q.     | Scow—Chd.     | Montreal           | Montreal, Que.                 | 118 2   | 28 1   | 8 5     | 11 8  | 221   | The Minister of Public Works, Ottawa, Ont.                            |
| 130367 | William Thomas | Schr—Glt.     | Sydney, N. S.      | Ingonish, N. S.                | 39 4    | 12 5   | 7 0     | 14    | 24    | Patrik and William Doyle, Ingonish, N. S.                             |
| 116879 | Williams       | Barge—Chd.    | St. Catharines     | Buffalo, N. Y., U. S. A.       | 47 9    | 18 0   | 9 0     | 61    | 61    | Charles Ross, Port Maitland, Ont.                                     |
| 107674 | Willie         | Sloop         | Quebec             | St. Irène, Que.                | 85 6    | 13 2   | 6 0     | 22    | 39    | Joseph Andre, Grande Baie, Que.                                       |
| 78902  | Willie B.      | Schr—Glt.     | Halifax            | Liverpool, N. S.               | 39 9    | 18 3   | 7 3     | 11    | 39    | R. H. Corkum and K. Molland, Chester, N. S.                           |
| 90776  | Willie B.      | Schr—Glt.     | Port Hawkesbury    | Cheticamp, N. S.               | 39 9    | 13 5   | 6 5     | 11    | 21    | Iohn F. Roach, Cheticamp, N. S.                                       |
| 88487  | Willie McGowan | Schr—Glt.     | Shelburne          | Shelburne, N. S.               | 88 0    | 23 8   | 9 6     | 166   | 166   | Wm. H. Moore, North Sydney, N. S.                                     |
| 130900 | Willie Roy     | Schr—Glt.     | Halifax            | Halifax, N. S.                 | 44 0    | 11 8   | 5 6     | 13    | 13    | Nathan Duggan, Upper Prospect, N. S.                                  |
| 107792 | Windward       | Schr—Glt.     | St. John, N. B.    | Long Island, U. S. A.          | 49 2    | 15 8   | 5 2     | 24    | 24    | David A. Humley and Avard W. Copp, Parrsboro, N. S.                   |
| 122552 | Wingfield      | Dredge—Drague | Collingswood       | Buffalo, N. Y., U. S. A.       | 73 0    | 26 0   | 7 3     | 191   | 191   | The C. S. Boone, Dredging & Construction Co., Ltd., Toronto, Ont.     |
| 97149  | Winnie G. S.   | Schr—Glt.     | St. Andrews        | Green's Cove, N. S.            | 35 0    | 11 0   | 4 9     | 12    | 26    | Thos. Bright, Seeley's Cove, N. B.                                    |
| 94959  | Winnie G. S.   | Schr—Glt.     | Charlottetown      | Chester Basin, N. S.           | 45 0    | 16 3   | 7 0     | 15    | 15    | Alvat Van Ember and Robt. A. McDonald, J. O., North Port, N. S.       |
| 120293 | Winnie May     | Schr—Glt.     | Canso              | Cole Harbour, N. S.            | 35 0    | 11 0   | 5 0     | 10    | 10    | George C. Jameson, M. O., Cole Harbour, N. S.                         |
| 141732 | Winnie P.      | Schr—Glt.     | Quebec             | Montnagny, Que.                | 81 7    | 24 0   | 6 5     | 77    | 77    | Price Bros. & Co., Ltd., 56 St. Peter St., Quebec, Que.               |
| 120421 | Winnie Wing    | Schr—Glt.     | Kingston           | Port Howard, Wis.              | 118 0   | 26 9   | 9 0     | 183   | 183   | John F. Sowards, Kingston, Ont.                                       |
| 130721 | Wimfred Marr   | Schr—Glt.     | Lansenburg         | Tancook, N. S.                 | 44 8    | 12 6   | 6 6     | 17    | 17    | Martin Meagher, Canso, N. S.  |
| 100711 | Winnipeg       | Schr—Glt.     | Montreal           | Kingston, Ont.                 | 179 5   | 31 6   | 14 5    | 681   | 681   | The Sincennes McNaughton Line, Limited, 75 Common St., Montreal, Que. |
| 122580 | Winnipeg       | Barge—Chd.    | Winnipeg           | Selkirk, Man.                  | 77 0    | 33 0   | 6 5     | 245   | 245   | The Minister of Public Works, Ottawa, Ont.                            |
| 107559 | Winogene       | Sloop         | St. John, N. B.    | Milledgeville, N. B.           | 29 0    | 10 0   | 3 0     | 7     | 7     | Wm. H. Holder, St. John, N. B.  |
| 96711  | Winona         | Barge—Chd.    | Ottawa             | Grenville, Que.                | 110 0   | 24 0   | 7 3     | 149   | 149   | The Ottawa Transportation Co., Ltd., Ottawa, Ont.                     |
| 111554 | Winona         | Sloop         | St. Andrews        | Buzzards' Bay, Mass., U. S. A. | 20 0    | 8 3    | 2 0     | 4     | 4     | Edward Maxwell, Montreal, Que.  |
| 131023 | Winona         | Sloop         | Vancouver          | U. S. A.                       | 27 0    | 8 5    | 2 8     | 5     | 5     | Stanley Burke, Vancouver, B. C.                                       |
| 138198 | Winthelwar     | Schr—Glt.     | LaHave             | Liverpool, N. S.               | 117 3   | 25 7   | 11 1    | 149   | 149   | W. Norman Reinhardt, M. O., La Have, N. S.                            |
| 138504 | Woodlands      | Barge—Chd.    | Montreal           | St. Clair, Mich., U. S. A.     | 184 0   | 32 5   | 12 3    | 578   | 578   | The Sincennes McNaughton Line, Limited, 75 Common St., Montreal, Que. |
| 111960 | Woodward No. 1 | Barge—Chd.    | New Westminster    | Sorel, Que.                    | 65 0    | 23 0   | 4 5     | 62    | 62    | Torpedo Freighting & Tug Co., Ltd., New Westminster, B. C.            |
| 108773 | Word's Fair    | Schr—Glt.     | Chatham, N. B.     | Caraquet, N. B.                | 37 2    | 12 4   | 4 8     | 11    | 11    | Mrs. Sarah Young and F. T. B. Young, J. O., Caraquet, N. B.           |
| 108079 | Wren           | Schr—Glt.     | Chatham, N. B.     | Shippigan, N. B.               | 34 6    | 12 5   | 4 8     | 11    | 11    | T. Aher, Shippigan, N. B.   |
| 126376 | Wyto           | Sloop         | Halifax            | Malone Bay, N. S.              | 21 7    | 6 5    | 3 4     | 4     | 4     | John C. Stairs, Halifax, N. S.  |
| 100812 | Wyvern         | Schr—Glt.     | Barrington Passage | Lookeport, N. S.               | 53 0    | 17 0   | 7 0     | 25    | 25    | James A. Pelerin, Larrys River, N. S.                                 |
| 120741 | X              | Scow—Chd.     | Vancouver          | Victoria, B. C.                | 77 1    | 28 8   | 7 6     | 159   | 159   | Producers Rock & Gravel Co., Ltd., 1922 Store St., Victoria, B. C.    |
| 120742 | XI             | Scow—Chd.     | Vancouver          | Vancouver, B. C.               | 76 7    | 28 6   | 7 7     | 159   | 159   | Producers Rock & Gravel Co., Ltd., 1922 Store St., Victoria, B. C.    |
| 120849 | X. M.          | Schr—Glt.     | Quebec             | Lobiniere, Que.                | 70 9    | 21 8   | 6 3     | 48    | 48    | George Gagnon, Malbaie, Que. ....                                     |
| 111519 | X. 10, U. 8.   | Sloop         | St. John, N. B.    | Jenseg, N. B.                  | 37 2    | 17 3   | 4 1     | 19    | 19    | J. D. Colwell, Jenseg, N. B.  |
| 138344 | Xandippe       | Schr—Glt.     | Lansenburg         | Indian Harbour, N. S.          | 39 5    | 10 3   | 5 4     | 12    | 12    | Harvey Covey, Indian Harbour, N. S.                                   |
| 122447 | Xiphias        | Sloop         | St. John, N. B.    | Shelburne, N. S.               | 40 8    | 13 0   | 5 6     | 16    | 16    | Easton Green, Grand Manan, N. B. ....                                 |
| 120238 | Yakata         | Barge—Chd.    | Victoria           | Victoria, B. C.                | 56 0    | 12 0   | 2 8     | 12    | 12    | Jenkichi Nishimoto, Victoria, B. C.                                   |
| 141632 | Yama No. 1     | Scow—Chd.     | New Westminster    | Steveston, B. C.               | 55 0    | 22 0   | 4 6     | 55    | 55    | Hidhro Yamashita, Steveston, B. C.                                    |
| 116807 | Z. Gill        | Sloop         | Sorel              | Picaville, Que.                | 104 2   | 23 0   | 7 6     | 126   | 126   | Willie Gill, Picaville, Que.  |
| 120496 | Z. Lebrun      | Sloop         | Montreal           | St. Michel, Que.               | 95 7    | 22 3   | 6 9     | 94    | 94    | E. G. Malon and J. H. Lefebvre, J. O., Howick Station, Que            |
| 130783 | Zanbank        | Schr—Glt.     | Port Hawkesbury    | Placeau, N. S.                 | 47 5    | 13 1   | 7 2     | 17    | 17    | V. John, Jones & Whitman, Ltd., Halifax, N. S.                        |

\*Formerly a Steamer. †Foreign name. "No. 1." ‡Foreign name "Middelseh."

ALPHABETICAL LIST of Steam Vessels on Registry Books in Canada, December 31, 1920.

LISTE ALPHABÉTIQUE (des vapeurs inscrits dans les registres maritimes du Canada au 31 décembre 1920.

© Equipped with Wireless—Muni de la T.S.F.—Abbreviations—Abréviations: J.O., Joint owners—propriétaires conjoints; M.O., Managing owner—propriétaire gérant.

| Official Number<br>Numéro officiel | Name of Ship.<br>Nom du navire. | Port of Registry.<br>Port d'enregistrement. | Build.<br>Construction | Where Built.<br>Lieu de construction.      | Length in feet and 10ths.<br>Longueur en pieds et 10es. | Breadth in feet and 10ths.<br>Largeur en pieds et 10es. | Depth in feet and 10ths.<br>Profondeur en pieds et 10es. | Registered Tonnage.<br>Tonnage enregistré. | Owner or Managing Owner, and Address.<br>Armateur ou propriétaire gérant, et adresse. |
|------------------------------------|---------------------------------|---|------------------------|--|---|---|--|--|---|
| 126470                             | Zapotee.....                    | Montreal.....                               | 1890                   | Marine City, Mich., U.S.A.                 | 207 5   | 34 7  | 14 8   | 779  | George Hall Coal Company of Canada, Ltd., 273 Craig St. W. Montreal, Que.             |
| 85508                              | Zedon.....                      | St. John, N.B.....                          | 1883                   | St. Martins, N.B.....                      | 40 2  | 13 6  | 5 2  | 14   | James T. Smith, Rockland, N.B.  |
| 107317                             | Zelma.....                      | St. Andrews.....                            | 1897                   | Grand Manan, N.B.....                      | 35 0  | 13 4  | 4 7  | 17   | H. Frankland, Grand Manan, N.B.   |
| 111653                             | Zephyr No. 1.....               | Quebec.....                                 | 1901                   | St. Thomas de Pierre-ville, Que., N.B..... | 74 4  | 18 8  | 5 4  | 50   | Germain Marcotte, St. Emile, Que.   |
| 100920                             | Zephyr.....                     | Chatham, N.B.....                           | 1891                   | Caraqueb, N.B.....                         | 36 3  | 12 4  | 5 0  | 12   | Robin, Jones & Whittem, Ltd., Halifax, N.S.   |
| 126303                             | Zetich.....                     | Halifax.....                                | 1910                   | Dartmouth, N.S.....                        | 41 5  | 10 8  | 5 7  | 13   | Harry M. Wylde, M.O., Halifax, N.S.   |
| 103486                             | Zillah May.....                 | Victoria.....                               | 1896                   | Ballard, Wash., U.S.A.....                 | 77 3  | 20 8  | 8 3  | 66   | Sprott Balcott, Victoria, B.C.  |
| 121656                             | Zilpha.....                     | Yarmouth.....                               | 1904                   | Clarke's Harbor, N.S.....                  | 32 0  | 11 4  | 6 0  | 10   | H. F. Williams and Russell Fisher, Port Mouton, N.S.                                  |
| 122006                             | Zoraya.....                     | Lambton.....                                | 1906                   | Tancook Island, N.S.....                   | 44 2  | 12 5  | 6 4  | 16   | Louden Munroe, White Head, N.B.   |
| 80013                              | Zulu.....                       | St. John, N.B.....                          | 1879                   | Portland, N.B.....                         | 29 8  | 11 3  | 4 8  | 8  | Edward Hampton, St. John, N.B.  |

## LIST OF VESSELS.

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# INDEX TO COMPOUND NAMES

Part I—Steam and Motor Vessels.

Part II—Sailing and Unrigged Vessels.

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## LISTE DES NAVIRES

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Par ordre alphabétique de leurs noms.

1<sup>re</sup> Partie—Navires à Vapeur et à Moteurs.

2<sup>e</sup> Partie—Navires à Voiles et sans Mât.





STEAM VESSELS.

"A"

Adder, Sea  
 Adelaide, Princess  
 Adventurer, Canadian  
 Ainsworth, C. E.  
 Aikins, W. J.  
 Aitken, Max.  
 Aitken, William  
 Albert, King  
 Albert, Prince  
 Albemni, Port  
 Alfred, Edward  
 Alice, Ada  
 Alice, Jean  
 Alice, Princess  
 All, Mac.  
 Allan, Maud  
 Allan, Sir Hugh  
 Allen, D. R. Van  
 Allen, Glen  
 Alma, Marie  
 America, North  
 America, South  
 Ami, Bon  
 Anderson, Esther  
 Andrew, St.  
 Anglin, R.  
 Anita, Helen  
 Anne, St.  
 Annis, Maud  
 Archeveque No. 1, E.L.  
 Archeveque, No. 2, E.L.  
 Ardella, Bessie  
 Arm, West  
 Armstrong, F. P.  
 Arnold, Fanny  
 Arthur, Prince  
 Asia, Empress of.  
 Athol, Blair of  
 Atlantic Transfer, Canada  
 Austin, Robert  
 Auto, Lady  
 Avant, En  
 Avery, F. W.  
 Aviator, Canadian  
 Away, Right

"B"

Bain, Jessie  
 Baird, Harry  
 Baker, Joe  
 Baker, W.  
 Bala, City of  
 Britt, Jim and  
 Bano, Wan  
 Barnes, Frank C.  
 Barrett, Annie  
 Batt, Fred M.  
 Battle, Mary  
 Bay, A. Mill  
 Bay, Alford  
 Bay, L'Original  
 Bay, Margaret  
 Bay, Murray  
 Bay Roamer, English  
 Bay, West  
 Bear, Silver  
 Beatrice H., Pearl  
 Beatrice, Princess  
 Beauty, Lord  
 Bee, Busy  
 Bee, Sea  
 Beatty, Admiral  
 Beaver, Canadian  
 Bell, Blue  
 Bell, Cassie  
 Bell, Hattie  
 Bell, Ida

Bell, Mountain  
 Belle, Eva  
 Belle, Highland  
 Belle, Irish  
 Belle, Killarney  
 Belle, Mohawk  
 Belle, Northern  
 Belle, Norway  
 Belle, Verda  
 Berna, Minnie  
 Bess, Earl  
 Best, Shippigan's  
 Bill, L. O.  
 Bill, Swift  
 Billett, Rosamond  
 Billy, Puffing  
 Binning, J. R.  
 Bird, G. N. Humming  
 Bird, King.  
 Bird, Mocking  
 Bird, No. 2, Humming  
 Bird, Sand  
 Bird, Sea  
 Birch, White  
 Biwa, Lake  
 Blake, Edward  
 Blanche, Mary  
 Blanche, Freda and  
 Blanche, Lottie M.  
 Bly, Nellie  
 Boat, Eva  
 Bobs, Little  
 Boheme, La  
 Bonney, Elnora T.  
 Boone, C. A.  
 Booth, C. J.  
 Booth, J. F.  
 Boss, Annie  
 Bothwell, George  
 Boutillier, Frances  
 Bowman, A. F.  
 Boy, B. C.  
 Boy, Errand  
 Boy, Gromo  
 Boy, Ladner  
 Boy, Peace River  
 Boy, Yankee  
 Boyce, Mary H.  
 Boyden, J. E.  
 Bradford, Elsie  
 Brannen, Hilda  
 Brea, Mina  
 Briar, C. Wild  
 Bridgewater, Union of  
 Brisay, Des  
 Brisbin, Sam Jim and  
 Brittain, R. C.  
 Brock, W. D.  
 Bronson, E. H.  
 Bronson, H. F.  
 Brooks, Le Roy  
 Bros., Foster  
 Brothers, Brown  
 Brothers, Smith  
 Brothers, Two  
 Brothers, Three  
 Brothers, Vary  
 Brown, Gordon  
 Bruce, J. B.  
 Buchan, Flower of  
 Buckley, W. P.  
 Buffalo, New  
 Buffalo, O. U.  
 Buntzen, Lake  
 Burns, Robbie  
 Burton, Frank  
 Burton, Roxana  
 Bush, C. E.  
 Butler, Bessie  
 By, Colonel  
 Byers, Stanley

"C"

Canadienne, La  
 Call, Northland  
 Call, R. R.  
 Cann, Bruce  
 Cann, John L.  
 Cann, Keith.  
 Cann, Mary H.  
 Cann, Percy  
 Cann, Robert G.  
 Cannery, Empire  
 Cape, Turret  
 Carillon, G. R.  
 Carleton, Governor  
 Carlin, Florence  
 Carne, Derry  
 Carrier, Canadian  
 Carter, W. J.  
 Castle, Carrick  
 Catherine, St.  
 Cedar, Red  
 Celtic, New  
 Chamberlain, C. W.  
 Chambers, A.  
 Chance, Sporting  
 Charles, St.  
 Charles Lachenais, St.  
 Charlie, Bonnie  
 Charlotte, Princess  
 Charlton, W. R.  
 Chatham, City of  
 Che, Kla-an  
 Chief, Burrard  
 Chief, Salmon  
 Chuck, Skookum  
 Church, C. L.  
 Cielo, El.  
 City, Dalhousie  
 City, Garden  
 City, Orchid  
 City, Rose  
 City, Sarnia  
 City, Soo  
 Clair, St.  
 Clare, Nina  
 Clark, Ivy  
 Clark, Minnie A.  
 Clark, T. J.  
 Clinton, City of  
 Clive, Lucy  
 Clossett, Joseph  
 Cloud, Flying  
 Co. No-Tra  
 Cole, C. W.  
 Columbia, British  
 Comeau, E. L.  
 Comfort, Solid  
 Conmee, A. B.  
 Conqueror, Canadian  
 Conrad, A. L.  
 Conrad, Kathleen  
 Conroy, Ed.  
 Cook, A. B.  
 Cook, George M.  
 Coolen, Helen M.  
 Cora, Ethel  
 Corkum, M. E.  
 Coughlan, Margaret  
 Court, Turret  
 Cove, Beaver  
 Cove, Sea.  
 Cox, Charlotte G.  
 Cox, J. G.  
 Craig, Ailsa  
 Craig, Annie  
 Crawford, A. V.  
 Croft, J.  
 Croix, St.  
 Cross, A. D.  
 Cross, Northern

Crow, D. W.  
 Crowe, G. R.  
 Crown, Turret  
 Current, Nippon  
 Currie, General  
 Currie, Mary  
 Currier, Annie  
 Curtis, H. C.  
 Cutting, Frances  
 Cuyler, Geo. W.

"D"

Daisley, Mary E.  
 Dan, Captain  
 Dan, Little  
 Dartmouth, River  
 Davis, Hy. D.  
 Davis, Wm.  
 Davitt, Michael  
 Dawson, Evelyn  
 d'Arc, Jeanne  
 Deer, Sea  
 Delta, New  
 Derbyshire, Senator  
 Deschailions, St. J.  
 Desir, Bon  
 Devaux, Ella  
 Dew, Morning  
 Dey, E. D. P.  
 Dick, Roy B.  
 Dickie, J. W.  
 Dieu, Don de  
 Diver, J. M.  
 D'Or, Bras  
 Dobson, R. H.  
 Dodds, W. D., Agnes  
 Dollar, Bessie  
 Dollar, Harold  
 Dollar, Hazel  
 Dollar, Melville  
 Donna, Bella  
 Doone, Lorna  
 Doreen, P.  
 Douglas, Sir  
 Douglass, Port  
 Dover, City of  
 Downey, Robert  
 Doyle, Tim  
 Dredge, No. 1, Q.H.C.  
 Dredge No. 2, Q.H.C.  
 Dresden, City of  
 Drummond, Thomas  
 Duck, Puddle  
 Dudley, Joe  
 Dufferin, Lord  
 Dugan, Bessie M.  
 Dunbar, C. F.  
 Dupre, Andree  
 Dupré, F.  
 Dyke, Madeleine  
 Dymont, N.

"E"

Eagle, War  
 Earl, Dorothy  
 Earlton, W.  
 Echo, Bow  
 Echo, Northland  
 Eddy, C. F.  
 Eddy, Lulu  
 Edmonton, City of  
 Edna, Sadie  
 Edward, Charles  
 Edward, King  
 Edward Parry, Prince  
 Elena, Tomas  
 Elena, Gladys



SESSIONAL PAPER No. 22

"M"

Mac, Roy  
 MacAulay, Laird  
 MacDonald, Mabel  
 Mackay, Robert  
 Macke, 4  
 Mackworth, Lady  
 MacNamara, Jean  
 Maid, B. C.  
 Maid, Brunswick  
 Maillet, A. L.  
 Main, Maggie  
 Maitland, Thomas  
 Mann, D. D.  
 Mann, John C.  
 Maquinna, Princess  
 Marchement, S. W.  
 Maree, M.  
 Marguerite, Lottie and  
 Maria, Santa  
 Marie, Anne  
 Marie, Aurore  
 Marie, Blanche  
 Mariner, Canadian  
 Maris, Stella  
 Marshall, Frank  
 Marshall, Maggie  
 Marshall, Samuel  
 Martin, Dell  
 Martin, Francis  
 Martin, J. C.  
 Martin, Mildred  
 Maru, Fuji-Mi  
 Maru, Isurue  
 Maru, Takara  
 Maru, Tog  
 Marwick, David  
 Mary, Bold  
 Mary, Ella  
 Mary, Highland  
 Mary, Princess  
 Mason, S. C.  
 Mason, H.  
 Mason, Lydia A.  
 Mason, P. B.  
 Mason, Thos.  
 Mathieu, Tommy  
 Matthews, W. D.  
 Maud, Alice  
 Maude, Mary  
 Maurice, St.  
 May, Allena  
 May, Bertha  
 May, Bessie  
 May, Clara  
 May, Dorothy  
 May, Elsa  
 May, Ethel  
 May, Florence  
 May, Gene and  
 May, Lena  
 May, Lewella  
 May, Lilly  
 May, Lina  
 May, Lizzie  
 May, Minnie  
 May, Mollie  
 May, Princess  
 May, Vera  
 May, 3rd, Lady  
 May, Ysabel  
 Mayes, G. S.  
 Mercur, Fred  
 Meri, Ta  
 Metabetchouan, St. Louis de  
 Merritt, C. H.  
 Michigan, Lake  
 Mildred, Evelyn H.  
 Miller, C. L.  
 Miller, Canadian  
 Miller, J. C.  
 Miller, Maggie  
 Mills, J. E.  
 Mine, Lady  
 Miner, Canadian  
 Minor, John A.  
 Minto, Lady  
 Misener, E.  
 Mist II, Maid of the  
 Moiles, Annie  
 Monk, John E.

Monkey, Powder  
 Montgomery, J. H.  
 Moody, Port  
 Moon, Full  
 Moon, Half  
 Moor, Dinty  
 Moore, Daisy  
 Moore, John R.  
 Moore, Maud  
 Morden, W. Grant  
 More, Once  
 Morgan, James  
 Morley, W. B.  
 Morrell, R. J.  
 Morris, M. H.  
 Morrison, Geo. D.  
 Morrison, J. D.  
 Morrow, John F.  
 Morse, Bessie  
 Mosher, Marion  
 Mumford, J. A.  
 Munro, Daniel M.  
 Murphy, W. L.

"M."

Mc, Eleanor  
 Mc, Laura  
 McCarthy, D'Alton  
 McCarthy, J. J.  
 McCarthy, Leighton  
 McColl, J. B.  
 McColl, Mildred  
 McCormick, Isabella  
 McCrea, Donald H.  
 McCrea, Elsie  
 McCrea, Frank N.  
 McDonald, J. H.  
 McDonald, M. G.  
 McFarland, Nelson Y.  
 McKay, John  
 McKee, J. A.  
 McKeowan, James  
 McKinstrey, A. E.  
 McLean, Helen G  
 McLeod, D.  
 McLeod, J. B.  
 McLeod, Titus  
 McMartin, The John  
 McMurray, Fort  
 McNab, Davis  
 McNaughton, P. B.  
 McPherson, Fort  
 McRae, Commodore  
 McRae, William  
 McRae, Wm. F.  
 McVeittie, A.

"N"

Nabee, Senawa  
 Navigator, Canadian  
 Neilson, James  
 Nelson, J. L.  
 Nevada, Alice  
 New York, City of  
 Nicholas, St.  
 Nickerson, Dorothy F.  
 Nickerson, Florence M.  
 Nicolet, Jean  
 Nord, Cote  
 No. 1, Crete  
 No. 1, Derby  
 No. 1, Kingcome  
 No. 1, Laval  
 No. 1, M. T. Co.  
 No. 1, M. & F. Hopper Barge  
 No. 1, Marine Express  
 No. 1, National  
 No. 1, North Vancouver Ferry  
 No. 1, Ontario  
 No. 1, P. R. T.  
 No. 1, P. W. D.  
 No. 1, Papoose  
 No. 1, Port Mann  
 No. 1, Q.H.C. Grain Boat  
 No. 1, Saginaw  
 No. 1, St. Maurice  
 No. 1, Supreme  
 No. 1, Traversier

No. 1, W.  
 No. II, Eleanor  
 No. II, Yandgi  
 No. 2, Ehime  
 No. 2, Garry Point  
 No. 2, Hori  
 No. 2, Laval  
 No. 2, M. & F. Hopper Barge  
 No. 2, North Vancouver Ferry  
 No. 2, Ontario  
 No. 2, Q.H.C. Dredge  
 No. 2, Quathiaski  
 No. 2, Rambler  
 No. 2, St. Maurice  
 No. 2, Skookum  
 No. 2, Steveston  
 No. 2, W.  
 No. 2, Waterfall  
 No. 3, Asama  
 No. 3, Atagi  
 No. 3, Laval  
 No. 3, M. T. Co.  
 No. 3, Mayflower  
 No. 3, New Castle  
 No. 3, North Vancouver Ferry  
 No. 3, Quathiaski  
 No. 3, St. Maurice  
 No. 3, Supply  
 No. 3, Yanage  
 No. 4, St. Maurice  
 No. 4, W.  
 No. 5, Quathiaski  
 No. 5, St. Maurice  
 No. 5, West Vancouver  
 No. 5, Yanage  
 No. 6, Newcastle  
 No. 7, Newcastle  
 No. 7, P.W.D.  
 No. 7, Quathiaski  
 No. 7, Wales Island  
 No. 8, M. & F.  
 No. 8, Newcastle  
 No. 8, Quathiaski  
 No. 8, Wales Island  
 No. 9, Wales Island  
 No. 10, Quathiaski  
 No. 14, M. & F. Dredge  
 No. 15, M. & F. Dredge  
 No. 201, P.W.D.  
 Noble, John J.  
 Noela, Marie  
 Norcross, Jessie  
 Nord, Cap  
 Nord, Pole  
 Norman, Fred and  
 Notter, G. H.  
 North, Cock o' the  
 North, Wanderer of the  
 Nova, Terra  
 Now, Where  
 Nymph, Lady

"O"

O'Brien, Julian V.  
 O'Brien, M. J.  
 Observer, Canadian  
 Oggell, E. C.  
 Ogilvie, William  
 Oh, See Em  
 Olaf, Prince  
 Olbee, Lo.  
 Oldfield, W. S.  
 Ormonde, Lord  
 Osborne, T.  
 Osler, E. B.  
 Ottawa, City of  
 Otter, Canadian  
 Owl, Night

"P"

Packer, Harry E.  
 Packet, La Have  
 Paine, J. B.  
 Parnell, C. S.  
 Pass, Let Me  
 Pass, Pine  
 Passage, Eastern  
 Patch, Dan

Patricia, Princess  
 Pattee II, G. B.  
 Paul, F.  
 Paul, J.  
 Paul, L.  
 Paul, Peter  
 Peach, Muriel  
 Peaks, The Daughter of the  
 Pearl, Richibucto  
 Pedwell, Henry  
 Fendergast, James  
 Perew, Frank  
 Peter III, Blue  
 Peter, St.  
 Petrie, A. M.  
 Phillippe, Louis  
 Phillip, King  
 Phillips, Harold B.  
 Phippen, F. H.  
 Ping, Mou  
 Piper, Geo. F.  
 Pistoles, Trois  
 Pioneer, Canadian  
 Plaisir, Mont  
 Planter, Canadian  
 Playfair, James  
 Plume, Egret  
 Point, Garry  
 Point III, Garry  
 Point, Laurel  
 Point, Myrtle  
 Point, Otter  
 Point, Roche  
 Poirier, H.  
 Portage, Rat  
 Powell, C. B.  
 Pratt, D. S.  
 Pratt, John  
 Price, Edwin  
 Pride, Call Creek's  
 Pride, Fisherman's  
 Pride, Tracadie's  
 Prince, Circassian  
 Prince Albert, City of  
 Prince, Midland  
 Prince, Rapids  
 Prince, Salmon  
 Princess, Island  
 Princess, Harrison  
 Prospector, Canadian  
 Purdy, D. J.  
 Purvis, E. D. M.  
 Pyke, Edward

"Q"

Queen, Avon  
 Queen, Cypress  
 Queen, Fairy  
 Queen, Fire  
 Queen, Forest  
 Queen, Gipsy  
 Queen, Harrison  
 Queen, Little  
 Queen, Mohawk  
 Queen, Motor  
 Queen, Port Elgin  
 Queen, Quaco  
 Queen, Rapids  
 Queen, Rideau  
 Queen, Sea  
 Queen, Somas  
 Queen, Sombrio  
 Queen, De  
 Quesnoy, Le

"R"

Racine, Alphonse  
 Rae, Mary  
 Raider, Canadian  
 Ralph, Harvey and  
 Rancher, Canadian  
 Ranger, Canadian  
 Ranger, Spanish  
 Ranney, Gertrude A.  
 Randall, John  
 Rap, Rip  
 Rapids, Grand  
 Raven, Black

|  |                         |                      |                         |                      |
|--|-------------------------|----------------------|-------------------------|----------------------|
|  | " R "                   | Seaman, Lillie       | Swan, Mary              | " W "                |
|  |                         | Seath, David         | Symons, Dorothy         | Wade, Port           |
|  | Ray, Lula M.            | Seond, Peter Pan     |                         | Wagon, Water         |
|  | Ray, Prince             | Seibold, Wm. H.      |                         | Ward, J. W.          |
|  | Rayside, J. S.          | Seigneur, Canadian   |                         | Warrior, Canadian    |
|  | Recruit, Canadian       | Sena, Manu           | " T "                   | Water, White         |
|  | Reid, Ethyll            | Settler, Canadian    | Taylor, J. Frater       | Way, (The) Only      |
|  | Reine, La               | Sewell, Allan        | Taylor, Joseph          | Weatherspoon, W. M.  |
|  | Rhodes, Robert R.       | Seymour, W. H.       | Taylor, W. J.           | Weaver, R. G.A.      |
|  | Ridge, Vimy             | Shaw, Chas.          | Tan, Roi                | Weddell, Rob. G.     |
|  | Rights, Equal           | Shaw, R. G.          | Temagami, Belle of      | Wee, Ride a          |
|  | Risser, Sadie J.        | Shell, Sea           | Temagami, Queen of      | Weeks, Five          |
|  | Ritchie, David          | Shores, jr., E. A.   | Tender, Dominion        | Weitzel, General     |
|  | Ritter, Charles W.      | Shrigger, James      | Terashita, T.           | Wells, Cora          |
|  | River, Bear             | Shippigan, Star of   | There, R. U.            | Western, Great       |
|  | River, Fox              | Sicken, M.           | Thomas, D. A.           | Whalen, Edward C.    |
|  | River, Liard            | Side, River          | Thomas, Douglas H.      | Whalen, Laurel       |
|  | River, Mossy            | Signaller, Canadian  | Thorburn, Gladys        | Whaler, Mary Francis |
|  | River, North            | Simpson, Port        | Tidings, Glad           | Wheaton, James       |
|  | River, Slave            | Skinner, R. J.       | Time, On                | When, Say            |
|  | Rivieres, Trois         | Skugaid, Chief       | To Where                | Wherry, M. E.        |
|  | Roamer, English Bay     | Slope, Western       | Todd, Charles           | Whitaker, Byron      |
|  | Roberta, Mary           | Smith, Alice I.      | Tom, Jim and            | White, Annie B.      |
|  | Roberts, Lord           | Smith, Geo. Winfield | Tour, La                | White, B.            |
|  | Robertson, Mary I.      | Smith, Gladys M.     | Tow, No                 | White, Bessie A.     |
|  | Robidoux, L.            | Smith, Home          | Tractor, Sea            | White, Colonel       |
|  | Robinson, Hiram         | Smith, L. M.         | Trader, Canadian        | Whiz, G.             |
|  | Rock, Granite           | Smith, Mary          | Trader, Gaspé           | Widow, College       |
|  | Rock, The High          | Smith, M. E.         | Trader, Northland (The) | William, Georges     |
|  | Rock, Plymouth          | Smith, T. W.         | Transfer, Hope          | Williams, General    |
|  | Roebling, F. W.         | Snow, Dorothy G.     | Trapper, Canadian       | Williams, Phyllis    |
|  | Rolph, John             | Snow, Loren B.       | Tremblay, A.            | Williams, St.        |
|  | Roses, Five             | Sophia, Letitia      | Trooper, Canadian       | Willow, Tit          |
|  | Rooney, Wm. E.          | Sound, Howe          | Tuck, Annie             | Wilson, William      |
|  | Roosevelt, Teddy        | Sound III, Howe      | Turner, General         | Wind, Beat the       |
|  | Rooth, William, A.      | Sower, Canadian      | Twain, Mark             | Wind, North          |
|  | Roque, Russell          | Spark, Vital         | Twist, Oliver           | Wing, Heron          |
|  | Rose, Sea               | Spear, J. R.         | Twhog, F. C.            | Wing, Whistle        |
|  | Roses, Two              | Spinner, Canadian    |                         | Wings, White         |
|  | Ross, E.                | Spratt, John H.      | " U "                   | Winner, Canadian     |
|  | Ross, Ethel             | Sprays, Salt         | Upham, J. H.            | Winnie, Mary         |
|  | Ross, Gertrude          | Sprite, (The Water)  |                         | Winton, David S.     |
|  | Ross, Gladys M.         | Spruce, Sitka        | " V "                   | Winton, Jack         |
|  | Rover, Canadian         | Spur, Flying         | Val, Du                 | Witch, Sea           |
|  | Roy, Beatrice           | Squatter, Canadian   | Vale, Maide             | Witch, Storm         |
|  | Royal, Princess         | Stalker, Hugh        | Valley, Lillie          | Witch, Water         |
|  | Roxy, John              | Stanley, Frank H.    | Van, Lady               | Witherbee, J. G.     |
|  | Ruby, Grace and         | Stanton, Ray         | Van Allen, D. R.        | Witt, De             |
|  | Rugee, John             | Staples, Howard      | Vancouver, City of      | Wolff, Julius        |
|  | Runner, Canadian        | Star, Centre         | Vancouver, West         | Wolseley, Lord       |
|  | Rupert, Dixie           | Star, Day            | Vancouver, No. 5, West  | Wolvin, Geraldine    |
|  | Russell, Donald Patrick | Star, Light          | Vandenberg, Miss        | Wright, F. B.        |
|  | Russell, Jno. E.        | Star, Northland      | Vedette, La             | Wynacht, Violet B.   |
|  | Russell, W. B.          | Star, White          | Vernon, City of         |                      |
|  | Russia, Empress of      | Starratt, Grier      | Vert, Cap               | " Y "                |
|  | Ruth, Hazel             | Stearns, G. M.       | Vezeina, S.             | Yates, George W.     |
|  |                         | Steedman, Jean       | Victor, Canadian        | Yex, Ka              |
|  | " S "                   | Stella, Marie        | Victoria, City of       | York, Duchess of     |
|  | Sailor, Canadian        | Stevens, Frank B.    | Victoria, Fort          | Young, Ella M.       |
|  | St. Boniface, City of   | Stewart, Archie      | Victoria, Princess      | Young, George E.     |
|  | St. Juste, De           | Stewart, Emily       | Victoria, Sylvia        | Young, Lucille B.    |
|  | St. Laurent, Golfe      | Stewart, Henrietta   | Vien, Vaet              | Young, J. H.         |
|  | St. Leon, Annie         | Stewart, Mary        | View River              | Young, John          |
|  | St. Louis, Sault        | Stewart, T. A.       | Vincent, Cap            | Young, Zelma T.      |
|  | St. Pierre, Lac         | Stone, Walter H.     | Villa, Glen             | Yount, Barbara       |
|  | San Diego, City of      | Stoneman, John C.    | Viola, Helen            |                      |
|  | Sapper, Canadian        | Storey, James        | Viola, Nellie           |                      |
|  | Sault, Long             | Stover, John R.      | Visger, Captain         | " Z "                |
|  | Scagel, Willie          | Strathcona, Lord     | Vista, Buena            | Zibassa, Chief       |
|  | Schofield, J. D.        | Stream, Golden       | Volunteer, Canadian     | Zwicker, G. B.       |
|  | Scott, Charley M.       | Stuart, Jack         | Voyageur, Canadian      |                      |
|  | Scott, Walter           | Sullivan, Mary       |                         |                      |
|  | Sea, Green              | Sun, Cape            |                         |                      |
|  | Sea, Merry              | Sun, Northland       |                         |                      |
|  | Sealer, Canadian        | Sun, Rising          |                         |                      |

SESSIONAL PAPER No. 22

## SAILING VESSELS.

## "A"

Aberdeen, Lady  
 Adams, Dorothy  
 Adams, Douglas  
 Adams, E. C.  
 Adams, Frank H.  
 Adams, Marion  
 Adams, Mildred  
 Adams, Ruth D.  
 Adela, Marie  
 Adelaide, Esther  
 Adelaide, Marie  
 Adele, Edith  
 Adelmina, Maria  
 Again, Try  
 Agnew, Effie J.  
 Aimee, Rose  
 Alba, Rose  
 Albert, H. P.  
 Albert, Levi  
 Albert, M. J.  
 Albert, William  
 Aleta, Dorothy  
 Alexander, Fort  
 Alice, Jessie &  
 Alice, Maggie  
 Allan, Eliza  
 Allard, Laura  
 Alma, Blanche  
 Almunda, Marie  
 Alphonsine, Marie  
 Alvina, Marie  
 Anderson, Annie B.  
 Anderson, Jane  
 Anderson, Jean F.  
 Anderson, Mary F.  
 Andrews, Abbie L.  
 Andy, Handy  
 Anze, Marie  
 Ann, Julia  
 Ann, Julie  
 Ann, Margaret  
 Ann, Mary  
 Anna, Rose  
 Anne, Elie  
 Annie, Jennie and  
 Annie, Violet and  
 Antoinette, Marie  
 Anny, J.  
 Arca, Feederis  
 Arnoldi, John R.  
 Arthemise, Marie  
 Ashley, Jessie  
 Atalanta, Marie  
 Auger, H.  
 Austin, Margery  
 Awake, Wide  
 Ayer, Sarah P.

## "B"

Backman, Hilda M.  
 Backman, Marjorie E.  
 Bacon, Melvin S.  
 Balfour, Arthur J.  
 Ball, Snow  
 Banks, Nellie J.  
 Baptiste, St. Jean  
 Bar, Beacon  
 Barber, James  
 Barnard, Marie  
 Barnston, Dredge  
 Barteaux, A. B.  
 Bartlett, A. C.  
 Bartlett, Ethel M.  
 Barton, Ida M.  
 Battle, Geraldine  
 Baxter, W. H.  
 Bay, Thunder  
 Bayard, Thomas F.  
 Beatrice, Helen and  
 Beatrice, Lottie M.

Beatrice, Marie  
 Beatrice, Mary  
 Beatrice, R.  
 Beck, Cecil L.  
 Bedford, Mary  
 Bell, Bertie  
 Bell, Ida  
 Bell, Katie  
 Bell, Mary  
 Bell, Mary M.  
 Bell, Neva  
 Bell, Simeon H.  
 Belle, Autumn  
 Belle, Edna  
 Belle, Elva  
 Belle, Marian  
 Belle, Miscou  
 Belle, Oressa  
 Belle, Pokesudie  
 Belle, Sissie  
 Belliveau, Edith  
 Belliveau, Emma  
 Belliveau, Rose Annie  
 Bellevue, Le  
 Bend, North  
 Benner, Clara A.  
 Bennett, Annie  
 Bentley, T. K.  
 Bertha, Marie  
 Bertha, Marie  
 Betty, Lady  
 Bibeau, A.  
 Bibeau, C.  
 Bird, Lady  
 Bird, Red  
 Bird, White  
 Bishop, Ada D.  
 Blackburn, R. L.  
 Blanc, Leo, Le  
 Blanchard, Emile  
 Blanchard, F.  
 Blanche, G.  
 Blanche, Marie  
 Blomidon, Cape  
 Bloomingdale, Wm. C.  
 Bluteau, G.  
 Boehner, Grace D.  
 Boone, Charles  
 Borth, John R.  
 Borden, R. L.  
 Boudreau, M. C. G.  
 Boudrot, S. D.  
 Bourdon, O. L.  
 Boutilier, Lila  
 Bow, Golden  
 Boy, Arab  
 Boy, Hay  
 Boy, News  
 Boy, Sand  
 Boy, Stone  
 Boyd, No. 1, J. F.  
 Brainard, Katie  
 Branch, River  
 Breck, Marion L.  
 Bremner, E. R.  
 Brett, Maggie J.  
 Brinton, Frank J.  
 Brittliffe, W. F.  
 Brooks, Ina  
 Brothers, Arseneau  
 Brothers, Brewer  
 Brothers, Burque  
 Brothers, Four  
 Brothers, Haines  
 Brothers, Hawley  
 Brothers, Lewis  
 Brothers, Gunn and Anderson  
 Brow, Emma  
 Brown, Audrey P.  
 Brown, Grace P.  
 Brown, Jessie  
 Bruce, Roy  
 Buckhout, B. B.  
 Buell, A. A.

Bullis, Bertha M.  
 Burke, Emilien  
 Burke, Ida M.  
 Burns, Katie A.  
 Burrard, Drill Boat  
 Burstall, J.  
 Burt, Alonzo F.  
 Burton, Maggie E.  
 Burton, F. H.  
 Burton, Mary E.  
 Bush, Money  
 Butler, M. J.

## "C"

Cable Co. No. 1, Pacific  
 Coast.  
 Calkins, Bertie  
 Calumet, No. 1.  
 Calvert, W. S.  
 Cameron, Annabel  
 Cameron, Susan  
 Campbell, Ida O.  
 Campbell, Jean  
 Canada, Maid of  
 Cann, Malcolm  
 Canuek, Jack  
 Cap, White  
 Carney, Fred  
 Caron, O.  
 Carrie, Ethel and  
 Carveth, Flora  
 Case, J. I.  
 Case, Will W.  
 Casey, Lyman  
 Catherine, Mary W.  
 Cavell, Edith M.  
 Celia, Marie  
 Celina, Marie  
 Chase, M. and L.  
 Chiasson, Marie  
 Chief, Lasqueti  
 Chief, Quinte  
 Chimes, Victory  
 Chisholm, C. A.  
 Christian, Robert R.  
 Christmas, Merry  
 City, Central  
 City, Coquitlam  
 Clan, MacLean  
 Clara, Marie  
 Clark, W. C.  
 Clarke, Ida M.  
 Cohan, Edward A.  
 Coin, Laurent au  
 Coleman, Edwin S.  
 Colgate, Freeman  
 Collins, J. E.  
 Colp, Lucille M.  
 Columba, S. M.  
 Colwell, E. B.  
 Comeau, A. H.  
 Comeau, Charlotte  
 Comeau, J. H.  
 Connaught, Duke of  
 Conrad, Annie E.  
 Conrad, Douglas B.  
 Conrad, Harold  
 Conrad, J. E.  
 Conrad, Lois A.  
 Conrad, Norma L.  
 Conrod, E. D.  
 Cook, Francis D.  
 Coolen, Norma P.  
 Corkum, Clark L.  
 Corkum, Doris L.  
 Corkum, Irene M.  
 Corkum, Elsie L.  
 Cornier, P.  
 Cousins, Pearl F.  
 Cousins, Three  
 Cox, J. J.  
 Cox, R. M.

Crane, Willard  
 Creaser, Clara B.  
 Creaser, Donald A.  
 Creaser, Kathleen C.  
 Crombie, Lucille B.  
 Crombie, W. A.  
 Crowell, Elisha  
 Crowell, Jean E.  
 Crowell, M. O.  
 Culmer, Mary  
 Cunningham, Ida M.  
 Current, Swift  
 Curry, Aggie  
 Curwin, H.

## "D"

D'Or, Cape  
 Dakin, J. C.  
 Dale, River  
 Dale, Robert J.  
 Daley, Claude B.  
 Daneau, E.  
 Daniel, King  
 Dansereau, Geo  
 Davidson, William  
 Davies, B. H. Wharton  
 Davis, Alice J.  
 Davis, George F.  
 Davis, Helen  
 Davis, James  
 Davis, Lyman M.  
 Davis, Minnie  
 Dawn, Early  
 Dawson, Edith  
 Day, John  
 Day, Josie L.  
 Day, Peep o'  
 Deavers, Mable  
 Deora, Maria  
 Degagne, J. Z.  
 Deep River, No. 5.  
 Deep River, No. 6.  
 Delaney, M. M.  
 Dell, Hazel  
 Delphine, Marie  
 Demarais, L. T.  
 Dennis, John E.  
 Derrick Scow, S. McN.  
 Desert, Gran  
 Dewey, Commodore  
 Dicks, Henry H.  
 Dickson, Harry  
 Dieu, Le Dorn de  
 Dina, Edouard  
 Dipper, Great  
 Dixon, Nelle  
 Dobbins, D. P.  
 Dobell, W. M.  
 Dominion, New  
 Donald, Sir  
 Donaldson, B.  
 Donovan, Beatrice  
 Donovan, Elizabeth  
 Dorothy, Ruby and  
 Doucet, Joseph  
 Douglas, Marion G.  
 Dow, George  
 Drake, Admiral  
 Dredge No. 1, Toronto  
 Harbour Commission  
 Dredge No. 2, Toronto  
 Harbour Commission  
 Dredge No. 3, Toronto Har-  
 bour Commission  
 Dredge No. 11, M. & F.  
 Dredge No. 12, M. & F.  
 Dredge No. 13, M. & F.  
 Drill Boat No. 6, J. E.  
 Russell's  
 Duck, Sea  
 Duff, Mary G.

- "D"  
 Duffy, J.  
 Duguay, Reno  
 Dunphy, Mary A.
- "E"  
 Eastwood, W. H.  
 Easy, Free and  
 Eccles, Katie  
 Ecoole, Maid of  
 Edna, L.  
 Edna, Linnie and  
 Edna, Mary  
 Edouard, Charles  
 Edward, King  
 Edwards, G. C.  
 Edwards, J. R.  
 Eileen, Rose  
 Eisnor, A. G.  
 Elaine, Mildred  
 Elena, Gladys  
 Elida, Marie Louise  
 Elise, Marie  
 Eliza, Marie  
 Elizabeth, Marie  
 Elizabeth, Mary  
 Elizabeth, W. F.  
 Elkin, Frances J.  
 Ella, Katie and  
 Ella, Maggie  
 Ellen, Louisa  
 Ellen, Maudie  
 Ellsworth, Col.  
 Elsie, Ena and  
 Elvina, C. M.  
 Emelie, Marie  
 Emeline, Mary  
 Emma, Mary  
 Emma, Marie  
 Emmerson, H. R.  
 Emmerson, Mary  
 Emperor, Minas  
 Empire, United  
 England, Maid of  
 England, Peter  
 English, May  
 Ernst, J. H.  
 Esther, Maggie and  
 Ethel, Geneva  
 Ethel, Grace and  
 Etoile, Marie  
 Eunice, Utah and  
 Eva, Hattie and  
 Evans, David  
 Evans, Leslie  
 Evelyn, Vira  
 Ewen, Frank D.
- "F"  
 Fair, World's  
 Fairchild, General  
 Fairen, Frank  
 Falt, Edward S.  
 Farmer, Fred. F.  
 Faulkner, Mary E.  
 Fay, J. B.  
 Faye, Emerson  
 Fidele, St.  
 Fides, Bona  
 Filer, Grace M.  
 Finder, Gold  
 Fish, Sea  
 Fish, White  
 Fisher, Eliza  
 Fisher, King  
 Fitch, Edson  
 Fitzhugh, Henry  
 Fleet, Pride of the  
 Florence, Lily  
 Florence, Mary M.  
 Fly, Sand  
 Foam, Sea  
 Foch, Marshal  
 Foley, W. F.  
 Fougere, Lady  
 Fox, Sea  
 France, Maid of  
 Frances, Laurretta
- Frances, Louise, Madeline  
 Francis, Minnie  
 Frank, Dredge  
 Frank, Holmes A.  
 Frank, John and  
 Franklin, Lady  
 Fraser, Wilma  
 Freres, D. B.  
 Fritchie, Barbara
- "G"  
 Gaffney, Mary  
 Gagne, Lina  
 Gardner, M. M.  
 Gaskill, C. Maud  
 Gaskill, Mollie  
 Gauntlet, Red  
 George, King  
 Georgier, F. A.  
 Georgina, Marie  
 Gertie, Alma L.  
 Getson, Daniel  
 Giant, Little  
 Gill, D.  
 Gill, Z.  
 Girl, Island  
 Gladys, Adeline  
 Gladys, Aileen  
 Glenn, Helen  
 Glory, Morning  
 Glory, Old  
 Glow, Sunset  
 Godfrey, Jeremiah  
 Gordon, Chas. F.  
 Gordon, Gay (The)  
 Goreham, Eliza  
 Goreham, Margaret B.  
 Gracie, Little  
 Grafftey, W. K.  
 Gray, John  
 Greene, Fred  
 Greenleaf, Lizzie J.  
 Grey, Earl  
 Grier, G. A.  
 Gris, Nuage  
 Groat, George  
 Grogan, Stephen P.  
 Grover, Edward  
 Grozier, Edwin A.  
 Gunn, Mable E.  
 Guy, Prince
- "H"  
 Hackett, Dredge  
 Hains, M. E.  
 Halifax, John  
 Hall, Doris  
 Hall, Laura C.  
 Haney, Michael J.  
 Hankinson, Esther  
 Harrison, Benjamin  
 Hart, Elsie M.  
 Hart, Gladys G.  
 Hartlin, Viola G.  
 Harvey No. 1, Nerec  
 Haskell, Charles  
 Hazel, Enid  
 Hazen, J. D.  
 Heidritter, F. L.  
 Heney, John  
 Hennigar, Marjorie  
 Heppell, J. E.  
 Herman, Hazel E.  
 Hervey, R. G.  
 Higgins, Freddie A.  
 Hilda, Grace  
 Hilda, Mary and  
 Hill, Lady.  
 Hilton, Annie  
 Himmelman, Freda M.  
 Himmelman, Vera E.  
 Hirtle, Carrie L.  
 Hirtle, Mary H.  
 Holder, H. A.  
 Holland, B. & B.  
 Holland, Dredge  
 Hollett, Donald G.  
 Hollett, Ella C.  
 Hollett, Gordon M.
- Holmes, Sadie O.  
 Holt, Amos M.  
 Home, Happy  
 Home, Summer  
 Home, Sweet  
 Hortense, Laura  
 Howard, Effie  
 Howes, Maria A.  
 Huber, B.  
 Hubley, A.  
 Hudson, Agnes  
 Hunter, Isaac  
 Hunter, Nellie  
 Hur, Ben.  
 Hutt, Hattie  
 Hutt, Violet M.
- "I"  
 Imp, Saucy  
 Inkpen, Marjorie N.  
 Intent, Good  
 Isabelle, Marie  
 Island, Crane  
 Islander, Round
- "J"  
 Jack, Saucy  
 Jack, Supple  
 Jackson, G. K.  
 James, Eddie  
 James, Jessie  
 Jamieson, Wm.  
 Jane, Abby  
 Jane, Anna  
 Jane, Emma  
 Jane, Eva  
 Jane, Lena  
 Jane, Letty  
 Jane, Maggie  
 Janes, C. W.  
 Jax, B.  
 Jax, G.  
 Jean, Bonnie  
 Jean, Mack  
 Jeanne, Marie  
 Jessie, Little  
 Joe, Little  
 John, Sir  
 Johnson, Harry M.  
 Johnston, Joseph P.  
 Jordon, Phoebe  
 Joseph, Jean  
 Josey, M. A.  
 Josiah, King  
 Jour, Le Point du  
 Julia, Lidie and  
 Justine, Marie
- "K"  
 Katheleen, Margaret  
 Kearney, Philip  
 Keast, Abbie  
 Keefer, Bessie S.  
 Kelley, Bertha  
 Kelly, G. C.  
 Kennedy, John  
 Kenney, M. S.  
 King & Co., No. 23, J.B.  
 King & Co., No. 36, J.B.  
 King, Eurette  
 King, Giant  
 King, Minas  
 King, Nellie J.  
 King, Rock  
 King, Susan  
 King, W. L. MacKenzie  
 Kitchener, H. H.  
 Knight, Pythian  
 Knight, R.  
 Kollage, John G.
- "L"  
 LaBrosse, R. P.  
 La Have, Cape  
 Labranche, H.
- Lafleur, A.  
 Lafleur, H.  
 Lake, Little  
 Lake, Spencer  
 Lambert, Lady  
 Langevin, Hon. Hector  
 Laroche, D. N.  
 Larsen, Julia  
 Lass, Clare  
 Laura, Minnie  
 Laure, Marie  
 Lawrence, Florence C.  
 Leaf, Maple  
 Leaf, Silver  
 Leaf, Village  
 Leamy, D'Arcy  
 Leamy, Katie  
 Le Bouthillier, Marie  
 Lebrun, Z.  
 Lee, John A.  
 Lee, Winnifred  
 Leeson, Margaret Jane  
 Léger, Lea  
 Lemoine, Frances  
 Lent, Jessie.  
 Levy, Hazel  
 Lewis, E. G.  
 Lewis, Gertie  
 Light, Golden  
 Lilian, Alethea  
 Lilly, Calla  
 Lilly, T.  
 Lily, Jersey  
 Lily, Water  
 Links, Three  
 Linnet, Green  
 Linwood, Lelia  
 Lisa, Mona  
 Lockhart, F. C.  
 Lombard, E. A.  
 Lomond, Ben  
 Long, Minnie  
 Loring, Hattie  
 Lost, Paradise  
 Louis, M. A.  
 Louis, Prince  
 Louisa, Marie  
 Louise, Exilda Marie  
 Louise, Frances  
 Louise, Frances Madeline  
 Louise, Millie  
 Louise, Myra  
 Louise, Princess  
 Lydon, Mary Ann  
 Lynch, David  
 Lyon, Mary
- "M"  
 Macdonald, Anna  
 Mack, Minnie  
 Mack, Myrtle  
 Mader, Flo. F.  
 Magee, John  
 Magill, C. J.  
 Maggie, Iona and  
 Maid, Canadian  
 Maid, Forest  
 Maid, Ocean  
 Maiden, Scotia  
 Mangan, W. D.  
 Marcotte, U.  
 Marcus, Wilfred  
 Margaret, Katie  
 Margaret, Mary J.  
 Margeson, J. W.  
 Marie, Fleur de  
 Marie, G. H.  
 Marie, G. Joseph  
 Marie, Mona  
 Marie, Reine  
 Marie, Stella  
 Marin, Due de la  
 Marin, Etoile d'un  
 Marin, Loup  
 Marr, Winnifred  
 Marten, Gordon  
 Martin, J. B.  
 Maru, Shinyet  
 Maru, Togo  
 Marvin, E. B.

## SESSIONAL PAPER No. 22

|                       |                            |                             |                            |
|-----------------------|----------------------------|-----------------------------|----------------------------|
| "M"                   | McDonald, M. A.            | No. 2, City Dredge          | North, Pride of the        |
| Mary, F.              | McDougall, Mary E.         | No. 2, Dks.                 | Now, Ready                 |
| Mason, Lydia A.       | McDougall, Thomas          | No. 2, Dombriço             |                            |
| Master, Grand         | McEadden, Ethelwyn A.      | No. 2, Domincoál            |                            |
| Mathers, Helen        | McGee, Lizzie S.           | No. 2, Empire               | "O"                        |
| Mathews, Flora        | McGill, Joseph             | No. 2, (The) Foundation     |                            |
| Mattatall, Alice      | McGlashen, Agnes D.        | Co.                         | Odell, Mary                |
| Maud, Alice           | McGlashen, Marjorie        | No. 2, Genoa                | Olia, Gladys               |
| Maud, Anna            | McGowan, Willie            | No. 2, Gilley               | Oliva, Marie               |
| Maud, Ellen           | McKay, Hattie              | No. 2, Compagnie Générale   | Oliver, E. M.              |
| Maud, Hattie          | McKay, W. C.               | Hopper Scow                 | Olson, Ida A.              |
| Maud, Helena          | McKeen, Amy G.             | No. 2, Independent Asphalt  | One, Queensboro            |
| Maud, Hilda           | McKenzie, D. D.            | No. 2, Lake St. Louis       | Ontario, New               |
| Maud, Minnie          | McKenzie, James E.         | No. 2, Laurin & Leitch      | Opp, Julie                 |
| Maxner, Allison       | McKenzie, K.               | No. 2, McLean               | O'Toole, M.                |
| May, Abbie            | McLachlan, Mary E.         | No. 2, Miramichi            | Orton, Minnie E.           |
| May, Edna             | McLennan, Harry A.         | No. 2, Ponton               | Otter, Colonel             |
| May, Effie            | McLeod, Ethel              | No. 11, Puget               | Ours, Gros                 |
| May, Ellen            | McWilliams, W.             | No. 2, Rainbow              | Oxner, Lena F.             |
| May, Etha             |                            | No. 2, Temiscamingue        |                            |
| May, Ethel            |                            | No. 2, Westholme            |                            |
| May, Eva              | "N"                        | No. 3, Allans               | "P"                        |
| May, Fanny            | Nadeau, Mina               | No. 3, Callico              | P.W.D. No. 3, Lobnitz      |
| May, Finettie         | Nash, Elizabeth            | No. 3, Canada               | Padoue, St. Antoine de     |
| May, Florence         | Nelida, Marie.             | No. 3, Coal Barge           | Page, Maggie               |
| May, Ida              | Nellie, Alice and          | No. 3, Empire               | Palmer, Jennie             |
| May, Jennie           | Nellie, Carrie and         | No. 3, Empire Scow          | Paris, U.                  |
| May, Margaret         | Nelson, Alma               | No. 3, (The) Foundation     | Parker, Alph. B.           |
| May, Mary             | Nelson, Port               | No. 3, Fraser Mills         | Parker, John               |
| May, Rilla            | Newhall, A. C.             | No. 3, Gilley               | Parks, Douglas E.          |
| May Stella            | Newland, J. B.             | No. 3, Compagnie Générale   | Parks, Lowell              |
| May, Viola            | News, Good                 | Hopper Scow                 | Parsons, Ena F.            |
| May, Winnie           | Nickerson, Effie. B.       | No. 3, Hanbury              | Parsons, Frances           |
| May, Zillah           | Nickerson, M. L.           | No. 3, Lake St. Louis       | Parsons, Gertrude          |
| Mayfield, E.          | No. 1, Allans              | No. 3, Laurin & Leitch      | Parsons, Ralph S.          |
| Me, Catch             | No. 1, Appo                | No. 3, Lund                 | Patry, J. W.               |
| Mea, Cara             | No. 1, Atagé               | No. 3, M. W. W.             | Patten, Emily H.           |
| Meade, General        | No. 1, Berquist            | No. 3, McDowell             | Pau, Général               |
| Meg, Mons             | No. 2, Berquist            | No. 3, McLean               | Paul, Jean                 |
| Melbourne, William    | No. 1, Bk.                 | No. 3, Marion L.            | Pauline, Avis              |
| Melita, Dorothy       | No. 1, Bruiser             | No. 3, S. L. C.             | Pauline, Hilma             |
| Mercier, Honorable    | No. 1, Bute                | No. 3, Temiscamingue        | Pauline, Mary              |
| Merrian, Jennie V.    | No. 1, Canadian Northern   | No. 3, Vie                  | Peard, Ada                 |
| Merrill, Julia B.     | Pacific                    | No. 4, Allans               | Pearl, Ada and             |
| Middleton, General    | No. 1, Charles E. Stody    | No. 4, Cadeço               | Pearl, George              |
| Mildred, Erzie G.     | No. 1, Constance           | No. 4, Dominion             | Pearl, Sea                 |
| Milford, R. H.        | No. 1, Delver              | No. 4, Gardner              | Pearl, Shippigan           |
| Millen, G. H.         | No. 1, Dks.                | No. 4, Gilley               | Pearl, Susie.              |
| Miller, Evelyn V.     | No. 1, Dombriço            | No. 4, Compagnie Générale,  | Pearl, Vesta               |
| Miller, Hazel B.      | No. 1, Empire              | Hopper Scow                 | Pearl, Viola               |
| Miller, Henry         | No. 1, Fort                | No. 4, Hanbury              | Pease, Edward S.           |
| Millette, A.          | No. 1, (The) Foundation    | No. 4, Ioco                 | Pennington, B.L.           |
| Minch, Sophia         | Co.                        | No. 4, Laurin & Leitch      | Pentz, Ruby L.             |
| Mine, Lady            | No. 1, G. and M.           | No. 4, Miramichi            | Perry, A. I.               |
| Mogul, Great          | No. 1, Genoa               | No. 4, P. W. D. Dredge      | Peters, Ida.               |
| Monk, Edward          | No. 1, Gilley              | No. 4, Shipman              | Phoebe, Alice.             |
| Montague, Henry L.    | No. 1, Granby              | No. 4, Stone Lifter         | Phyllis, Marion            |
| Moon, Silver          | No. 1, Grué                | No. 5, Allans.              | Pickels, Edna V.           |
| Moran, David          | No. 1, Himblé              | No. 5, Coal Barge           | Piercy, Myrtle             |
| Morden, Dolly         | No. 1, J. T. M.            | No. 5, Dombriço             | Pierreville, Notre Dame de |
| Morgan, Arthur        | No. 1, Jumbo               | No. 5, Fallon Bros          | Piak Sea                   |
| Morgan, M. G.         | No. 1, Compagnie Générale  | No. 5, Fraser Mills         | Plumer, General            |
| Morse, Edward         | Hopper Scow.               | No. 5, Gilley               | Potter, John C.            |
| Morse, George H.      | No. 1, Lake St. Louis      | No. 5, Compagnie Générale,  | Porter, Elsie              |
| Mosher, Gladys        | No. 1, McLean              | Hopper Scow                 | Poss, Marie                |
| Mosher, Maud          | No. 1, Manley & Co.        | No. 5, Hanbury              | Power, Wm.                 |
| Mosher, Pauline B.    | No. 1, Marietta            | No. 5, Ioco                 | Premier, Elevator Dredge.  |
| Moulton, Catherine M. | No. 1, Mayers              | No. 5, Laurin & Leitch      | Primrose, Dredge           |
| Mouton, Sault au      | No. 1, Mimion              | No. 5, Stone Lifter         | Prince, Crown              |
| Mowat, Oliver         | No. 1, Neebish             | No. 6, Allans               | Prince, Minas              |
| Muir, A.              | No. 1, Nidge               | No. 6, Dombriço             | Prince, Western            |
| Mulhall, D. C.        | No. 1, Oil Transport       | No. 6, Hanbury              | Prize, First               |
| Munro, C. G.          | No. 1, Ponton              | No. VI, M. W. W.            | Purdy, Myrtle.             |
| Munroe, Murray R.     | No. 1, Provincial          | No. 7, Gardner              |                            |
| Munroe, Olive         | No. 1, Rock Breaker        | No. 7, G of G.              | "Q"                        |
| Munroe, Owen A.       | No. 1, Rock Cutter, P.W.D. | No. 7, Sadie                | Queen, Acadian             |
| Murphy, Julia         | No. 1, S. S. M.            | No. 7, Sir J. J. Ld.        | Queen, British             |
| Myers, Mildred G.     | No. 1, Sakamoto            | No. 8, G of G.              | Queen, Copper              |
| Myra, E. D.           | No. 1, Sanitary            | No. 8, Gardner              | Queen, Cumberland          |
| Mysterieuse, Rose     | No. 1, Temiscamingue       | No. VII, M. W. W.           | Queen, Nova                |
|                       | No. 1, Tom                 | No. 8, Sir J. J. Ld.        | Queen, Salmon              |
|                       | No. 1, Wabash              | No. 9, C.P.R. Barge         | Queen, Scotia              |
| "Mc" — "Mac"          | No. 1, Woodward            | No. 9, Si J. J. Ld.         | Queen, Sea                 |
| MacDonald, W. S.      | No. 1, Yama                | No. 11, Gardner             | Quinlan, Hugh              |
| MacIntosh, H. H.      | No. 1, Zephir              | No. 11, Pioneer S. & G. Co. | Quyón, No. 1.              |
| MacKay, Adam B.       | No. 2, Allans              | No. 11, Skinner             | Quyón, No. 2.              |
| MacKenzie, J. Harry   | No. 2, Atagi               | No. 15, Sadie               |                            |
| MacKenzie, R. L.      | No. 2, Bk.                 | No. 19, Chesley             |                            |
| MacLean, Hiram D.     | No. 2, Burrard             | No. 20, Chesley             | "R"                        |
| MacLaurin, Alexander  | No. 2, Cadeço              | No. 28, Sir J. J. Ld.       | Ralston, J. L.             |
| McBride, John         | No. 2, Canadian Northern   | No. 301, Dredge, P.W.D.     |                            |
|                       | Pacific                    |                             |                            |

|       |  |       |   |  |   |
|-------|--|-------|---|--|---|
| " R " | Scow, Mudpout<br>Scringgeour, John G.<br>Seeker, Fish<br>Seeker, Gold<br>Selig, Louisa J.<br>Shell, Clam<br>Siewerd, Dora<br>Silver, Amy B.<br>Silver, Donald L.<br>Silver, Lottie A.<br>Silver, Richard B.<br>Simcoe, Dredge<br>Simonds, Richard<br>Sinclair, J. H.<br>Sinclair, Wm.<br>Sixsmith, W. H.<br>Slipper, Sea<br>Smart, Dorothy M.<br>Smith, Annie<br>Smith, Benjamin C.<br>Smith, Edna M.<br>Smith, Frances W.<br>Smith, George M.<br>Smith, Gladys M.<br>Smith, Joyce M.<br>Smith, L. C.<br>Smith, Loren B.<br>Smith, Lucille M.<br>Smith, Mira L.<br>Smith, R. A.<br>Smith, Ronald G.<br>Smith, Tira<br>Smith, Vivian P.<br>Smith, W. H.<br>Smith, William C.<br>Smith, Wilfred L.<br>Smuts, General.<br>Snow, Dorothy G.<br>Snowball, Senator.<br>Sound, Puget<br>Spears, Mary E.<br>Spindler, Annie L.<br>Spindler, Frances L.<br>Spindler, Kathleen<br>Spray, Coral<br>Spray, Ocean<br>Stanley, H. M.<br>Star, Flying<br>Star, Mary<br>Star, Morning<br>Star, Sea<br>Star of the Sea, Mary<br>Starr, Gertie M.<br>Step, Quick<br>Stephens, G. M.<br>Stephenson, Isaac<br>Stella, Leading<br>Stella, Maria<br>Stella, Marie<br>Stella, Nora<br>Stoody, No. 1, Charles E.<br>Suffel, W. J.<br>Sullivan, R. E.<br>Sun, Rising<br>Swallow, Bark<br>Swallows, Three<br>Swan, River<br>Swan, Silver<br>Swift, Maggie<br>Symons, R. M. | " T " | Talbot, D.<br>Tarr, Della F.<br>Taber, Horace<br>Taylor, M. J.<br>Templeton, Lord<br>Therault, Charles<br>Therault, E. P.<br>Therault, St. Clair<br>Thomas, James W.<br>Thomas, William<br>Thomey, Chrissie C.<br>Thompson, Flo<br>Thornburn, Blanche M.<br>Thornhill, Maud<br>Thread, Silver<br>Tibbo, Gordon T.<br>Tidings, Glad<br>Tobey, Avis C.<br>Todd, J. W.<br>Togo, Admiral<br>Tolmie, J.<br>Tower, B. R.<br>Tower, Ada<br>Townsend, Sarah A.<br>Trade, Free<br>Trahan, Clarence<br>Traverse, Lower<br>Traverse, Upper<br>Trenchard, General<br>Trim, Corporal<br>Trois Saumons, St. Joseph<br>Tucker, Burpee L.<br>Turner, Amy<br>Turpel, Sadie<br>Two, Queensboro<br>Twohig, F. C. | Ward, E. C.<br>Warrington, G. H.<br>Warren, Annie L.<br>Waters, P.<br>Waters, W. H.<br>Watters, Nellie<br>Wave, Wild<br>Weasel, Red<br>Weeks, George H.<br>Welland, New<br>West Golden<br>West, North<br>West, Violet<br>Westhaver, Ada M.<br>Westhaver, Phyllis, L.<br>Weston, Maud<br>Whalen, P.<br>Whidden, Gladys E.<br>White, Eliza<br>White, N. W.<br>Whitman, A. H.<br>Whittier, T. W. J.<br>Wilfred, Sir<br>Willard, Frances<br>Willard, Frances E.<br>Williams, V. F.<br>Willie, Prince<br>Wilson, Agnes<br>Wilson, Norman F.<br>Wind, West<br>Wing, Fleet<br>Wing, White<br>Wing, Winnie<br>Wings, White<br>Winters, Muriel E.<br>Witch, Water<br>Witbeck, Henry<br>Wood, Mary J.<br>Woster, Flora<br>Wynot, W. S. |   |
|       |  | " U " | Unity, M.   | " X "  | Xavier, St. Francois  |
|       |  | " V " | Vair, Helen<br>Vaughan, Etta<br>Vaughn, Daisy<br>Verge, Edith Helen<br>Verna, Abbie<br>Vernon, Charles and<br>Vezina, Emile<br>Victoria, Princess<br>Victoria, Reine<br>View, Sea<br>Voges, Theodore  | " Y "  | Yergeau, A.<br>York, Duke of<br>Young, Albert<br>Young, J. B.<br>Young, Lila E. D.<br>Young, Lizzie<br>Young, Mary D.<br>Young, Muriel M. |
| " S " | Sabeau, E. A.<br>Saint, J. B.<br>St. Laurent, Marie<br>St. Nicholas, Gabriel de<br>Salmon, Big<br>Sark, Cutty<br>Salter, Stewart T.<br>Sarty, Dorothy P.<br>Saunders, Uda A.<br>Saxon, Anglo<br>Schnare, Lucille M.<br>Schwartz, Leta A.<br>Scotland, Maid of  |       |   | " Z "  | Zellars, E. M.<br>Zembla, Nova<br>Zinck, Ida M.<br>Zinck, Russel S.<br>Zwicker, Arthur H.   |
|       |  | " W " | Wade, F. B.<br>Wallace, M. B.<br>Walters, Bertha L.<br>Walters, C. A.<br>Walters, Clayton W.<br>Walters, E. B.<br>Walters, Gilbert B.<br>Walters, Nellie T.   |  |   |



## INTERNATIONAL CODE OF SIGNALS.

This list is prepared for the purpose of enabling officers at signal stations on shore, and masters of ships at sea to signal and report passing ships. It contains the name and distinguishing signal of every ship registered in Canada to which a code signal has been allotted to the 31st December, 1920. The particulars of each ship are given both in the order of the signal letters and in the alphabetical order of their names.

Applications for the allotment of a code signal for the purpose of making ship's name known at sea should be made on form C.C.S.I. to the Registrar of Shipping at the port to which it belongs.

**THE ENSIGN TO BE SHOWN AT THE PEAK, OVER THE CODE PENNANT,  
WHEN THE SIGNAL LETTERS ARE HOISTED.**

BRITISH SHIPS Registered in Canada to which distinguishing signals have been allotted, arranged in alphabetical order.

| Name of Ship.       | Port of Registry.      | Signal letters. | Name of Ship.        | Port of Registry.     | Signal letters. |
|---------------------|------------------------|-----------------|----------------------|-----------------------|-----------------|
| A. E. McKinstry     | Montreal, Que.         | T.M.P.D.        | Canadian Settler     | Montreal, Que.        | T.P.M.V.        |
| A. H. Comeau        | Weymouth, N.S.         | T.P.V.K.        | Canadian Signaller   | Montreal, Que.        | T.P.I.Q.        |
| Acacia              | Port Medway, N.S.      | W.K.N.J.        | Canadian Sower       | Montreal, Que.        | T.P.M.Q.        |
| Acadia              | Ottawa, Ont.           | J.C.M.D.        | Canadian Spinner     | Montreal, Que.        | T.P.M.W.        |
| Acadian             | Halifax, N.S.          | T.O.D.G.        | Canadian Squatter    | Montreal, Que.        | T.Q.B.R.        |
| Acadian Queen       | Parrsboro, N.S.        | T.P.H.M.        | Canadian Trader      | Montreal, Que.        | T.P.J.F.        |
| Ada and McIntyre    | St. John, N.B.         | T.N.V.S.        | Canadian Trapper     | Montreal, Que.        | T.P.N.W.        |
| Ada Tower           | Parrsboro, N.S.        | J.N.K.R.        | Canadian Trooper     | Montreal, Que.        | T.P.H.G.        |
| Adam B. MacKay      | Parrsboro, N.S.        | T.N.K.H.        | Canadian Volunteer   | Montreal, Que.        | T.P.H.D.        |
| Adeline             | Liverpool, N.S.        | R.W.L.K.        | Canadian Voyageur    | Montreal, Que.        | T.P.F.Q.        |
| Advent              | Windsor, N.S.          | W.M.B.P.        | Canadian Warrior     | Montreal, Que.        | T.P.S.R.        |
| Ainslie             | Liverpool, N.S.        | T.M.W.B.        | Canadian Warrior     | Montreal, Que.        | T.P.F.N.        |
| Alert               | Weymouth, N.S.         | W.D.L.J.        | Canadian Winner      | Montreal, Que.        | T.Q.D.B.        |
| Alfred Ock Hedley   | Parrsboro, N.S.        | T.N.C.R.        | Cape Blomidon        | Parrsboro, N.S.       | T.P.H.L.        |
| Alma R.             | Digby, N.S.            | T.P.G.B.        | Cape Breton          | Montreal, Que.        | L.T.O.V.        |
| Amelia              | Magdalen Islands, Que. | N.M.G.R.        | Cap D'Or             | La Have, N.S.         | T.P.C.F.        |
| Amherst             | Charlottetown, P.E.I.  | W.N.J.D.        | Cap Finisterre       | Vancouver, B.C.       | T.P.D.H.        |
| Amur                | Vancouver, B.C.        | L.Q.T.F.        | Cap Horn             | Vancouver, B.C.       | T.P.D.F.        |
| Aray G. McKean      | Halifax, N.S.          | T.P.J.D.        | Cape La Have         | La Have, N.S.         | T.P.C.G.        |
| Anna Macdonald      | Charlottetown, P.E.I.  | T.O.D.F.        | Cap Nord             | Vancouver, B.C.       | T.P.D.B.        |
| Annabell Cameron    | Pictou, N.S.           | T.P.F.S.        | Cap Vert             | Vancouver, B.C.       | T.P.D.G.        |
| Annie B. Andreson   | Parrsboro, N.S.        | T.M.W.R.        | Cap Vincent          | Vancouver, B.C.       | T.P.D.J.        |
| Anox                | Vancouver, B.C.        | T.P.V.S.        | Carlotta G. Cox      | Vancouver, B.C.       | W.D.L.N.        |
| Aranmore            | Ottawa, Ont.           | L.V.N.B.        | Cartier              | Ottawa, Ont.          | H.Q.P.W.        |
| Arthur H. Zwicker   | Lunenburg, N.S.        | T.P.C.M.        | Cashier              | Halifax, N.S.         | T.N.S.O.        |
| Azov                | Toronto, Ont.          | M.P.J.S.        | Celeste D.           | Weymouth, N.S.        | T.P.M.D.        |
| B. B. Tower         | Parrsboro, N.S.        | T.P.R.W.        | Charles E. Lefurgey  | Charlottetown, P.E.I. | K.F.N.M.        |
| Barbara W.          | Parrsboro, N.S.        | T.P.D.K.        | Chas. F. Gordon      | Halifax, N.S.         | T.P.N.V.        |
| Bayfield            | Ottawa, Ont.           | L.C.F.M.        | Charles & Vernon     | La Have, N.S.         | T.P.H.J.        |
| Beauharnois         | Ottawa, Ont.           | R.F.L.Q.        | Charlotte Comeau     | Weymouth, N.S.        | T.P.K.M.        |
| Bellas              | Quebec, Que.           | T.M.K.C.        | Chasina              | Vancouver, B.C.       | W.D.V.G.        |
| Bernice, R.         | La Have, N.S.          | T.P.B.D.        | Chautauqua           | Lunenburg, N.S.       | T.N.G.H.        |
| Bessie A. White     | Parrsboro, N.S.        | T.P.G.K.        | Chilco               | Vancouver, B.C.       | H.B.T.F.        |
| Bessie Dollar       | Victoria, B.C.         | H.D.V.N.        | Chirallite           | Toronto, Ont.         | T.M.V.H.        |
| Bethalma            | Port Stanley, Ont.     | T.N.S.K.        | Chrissie C. Thomey   | Ottawa, Ont.          | T.Q.N.K.        |
| Bona H.             | Parrsboro, N.S.        | T.P.F.J.        | Christine            | Ottawa, Ont.          | H.C.V.L.        |
| Bravo               | Lunenburg, N.S.        | W.D.P.G.        | Circassian Prince    | Toronto, Ont.         | L.C.N.V.        |
| Bristol             | Windsor, N.S.          | S.G.M.H.        | City of Ghent        | Halifax, N.S.         | W.Q.R.V.        |
| British Columbia    | Vancouver, B.C.        | V.H.K.G.        | City of Vancouver    | Vancouver, B.C.       | T.P.O.L.        |
| Burleigh            | Halifax, N.S.          | W.K.P.R.        | City of Victoria     | Vancouver, B.C.       | T.P.V.R.        |
| Burpee L. Tucker    | Parrsboro, N.S.        | T.P.Q.W.        | Coban                | Montreal, Que.        | W.H.N.K.        |
| C. W. James         | Quebec, Que.           | J.P.L.V.        | Con Rein             | La Have, N.S.         | T.P.H.K.        |
| C. Maud Gaskill     | Weymouth, N.S.         | T.P.B.R.        | Corunna              | Montreal, Que.        | M.H.L.Q.        |
| Calburga            | Maitland, N.S.         | M.J.B.N.        | Cruizer              | Halifax, N.S.         | N.S.Q.R.        |
| Cambrai             | Pictou, N.S.           | T.P.B.C.        | Cunberland Queen     | Parrsboro, N.S.       | T.P.K.V.        |
| Camosun             | Vancouver, B.C.        | H.M.V.R.        | Cutty Sark           | St. John, N.B.        | T.P.N.H.        |
| Canada              | Ottawa, Ont.           | T.M.J.N.        | Daniel Getson        | Lunenburg, N.S.       | T.M.V.D.        |
| Canada              | Vancouver, B.C.        | M.Q.N.S.        | Daniel M. Munro      | Windsor, N.S.         | T.M.K.D.        |
| Canada              | Windsor, N.S.          | M.H.W.F.        | Dolphin              | Ariahat, N.S.         | S.K.C.F.        |
| Canadian            | Montreal, Que.         | T.M.Q.N.        | Don Parsons          | Windsor, N.S.         | T.N.C.P.        |
| Canadian Adventurer | Montreal, Que.         | T.P.N.M.        | Dora Siewerd         | Victoria, B.C.        | W.K.N.V.        |
| Canadian Aviator    | Montreal, Que.         | T.P.M.B.        | Doris and Rita       | Liverpool, N.S.       | T.P.M.L.        |
| Canadian Beaver     | Montreal, Que.         | T.P.R.D.        | Drallin              | Liverpool, N.S.       | T.N.M.H.        |
| Canadian Carrier    | Montreal, Que.         | T.P.V.N.        | E. A. Sabeau         | Port Medway, N.S.     | W.H.D.R.        |
| Canadian Conqueror  | Montreal, Que.         | T.P.V.J.        | E. B. Marvin         | Halifax, N.S.         | W.D.L.P.        |
| Canadian Exporter   | Montreal, Que.         | T.P.Q.D.        | E. C. Adams          | Lunenburg, N.S.       | T.P.J.H.        |
| Canadian Farmer     | Montreal, Que.         | T.P.R.C.        | E. E. Theriault      | Weymouth, N.S.        | T.P.M.G.        |
| Canadian Gunner     | Montreal, Que.         | T.P.M.K.        | E. L. Comeau         | La Have, N.S.         | T.N.W.S.        |
| Canadian Highlander | Montreal, Que.         | T.P.V.Q.        | Edgewood             | Montreal, Que.        | T.P.D.Q.        |
| Canadian Hunter     | Montreal, Que.         | T.P.S.G.        | Edith Belliveau      | Weymouth, N.S.        | T.P.B.Q.        |
| Canadian Importer   | Montreal, Que.         | T.P.Q.C.        | Edith Dawson         | Lunenburg, N.S.       | T.P.B.K.        |
| Canadian Inventor   | Montreal, Que.         | T.P.Q.F.        | Edith M. Cavell      | Shelburne, N.S.       | T.M.N.S.        |
| Canadian Mariner    | Montreal, Que.         | T.P.W.S.        | Edna V. Pickels      | Annapolis Royal, N.S. | W.M.C.P.        |
| Canadian Miller     | Montreal, Que.         | T.P.L.B.        | Edward A. Cohan      | Parrsboro, N.S.       | T.P.N.B.        |
| Canadian Miner      | Montreal, Que.         | T.P.R.B.        | Egeria               | St. John, N.B.        | S.W.H.P.        |
| Canadian Navigator  | Montreal, Que.         | T.P.M.N.        | Elva                 | Shelburne, N.S.       | W.D.N.S.        |
| Canadian Observer   | Montreal, Que.         | T.P.R.J.        | Empress of Asia      | Vancouver, B.C.       | J.C.K.F.        |
| Canadian Otter      | Montreal, Que.         | T.P.S.Q.        | Empress of Japan     | Vancouver, B.C.       | M.C.H.Q.        |
| Canadian Pioneer    | Montreal, Que.         | T.P.F.R.        | Empress of Russia    | Vancouver, B.C.       | J.B.S.O.        |
| Canadian Planter    | Montreal, Que.         | T.P.N.Q.        | Eno F. Parsons       | Windsor, N.S.         | T.P.S.V.        |
| Canadian Prospector | Montreal, Que.         | T.P.Q.H.        | Ensenada             | Windsor, N.S.         | T.C.M.D.        |
| Canadian Raider     | Montreal, Que.         | T.P.N.R.        | Esther Adelaide      | Parrsboro, N.S.       | T.M.V.Q.        |
| Canadian Rancher    | Montreal, Que.         | T.P.N.J.        | Ethlyn               | Lunenburg, N.S.       | T.P.V.I.        |
| Canadian Ranger     | Montreal, Que.         | T.P.G.L.        | Eugene Owen Mackay   | Parrsboro, N.S.       | T.N.W.V.        |
| Canadian Recruit    | Montreal, Que.         | T.P.G.V.        | Evadne               | Pictou, N.S.          | W.H.C.G.        |
| Canadian Rover      | Montreal, Que.         | T.O.D.B.        | Eveline Wilkie       | La Have, N.S.         | T.N.F.G.        |
| Canadian Runner     | Montreal, Que.         | T.P.S.D.        | F. C. Lockhart       | St. John, N.B.        | T.O.W.F.        |
| Canadian Sailor     | Montreal, Que.         | T.P.K.C.        | Farfings             | Halifax, N.S.         | T.N.M.P.        |
| Canadian Sapper     | Montreal, Que.         | T.O.D.L.        | Favonian             | Windsor, N.S.         | T.P.B.F.        |
| Canadian Sealer     | Montreal, Que.         | T.P.N.K.        | Fieldwood            | Windsor, N.S.         | T.P.V.D.        |
| Canadian Seigneur   | Montreal, Que.         | T.P.J.G.        | Florence C. Lawrence | Port Hawkesbury, N.S. | V.L.K.C.        |

## SESSIONAL PAPER No. 22

BRITISH SHIPS Registered in Canada to which distinguishing signals have been allotted, arranged in alphabetical order.

| Name of Ship.          | Port of Registry.      | Signal letters. | Name of Ship.     | Port of Registry.     | Signal letters. |
|------------------------|------------------------|-----------------|-------------------|-----------------------|-----------------|
| Flying Cloud           | St. John, N.B.         | T.G.H.D.        | Lillooet          | Victoria, B.C.        | I.P.M.G.        |
| Fortune                | Sydney, N.S.           | S.K.R.M.        | Lingan            | Montreal, Que.        | H.T.W.G.        |
| Frances J. Elkin       | Weymouth, N.S.         | T.P.C.Q.        | Lockwood          | St. John, N.B.        | L.D.F.C.        |
| Frances Louise         | Lunenburg, N.S.        | T.M.S.W.        | Lord Dufferin     | Montreal, Que.        | Q.C.W.M.        |
| Frances Parsons        | Windsor, N.S.          | T.P.G.H.        | Lord Ormonde      | Quebec, Que.          | R.G.V.B.        |
| Frederick H.           | Parrsboro, N.S.        | T.P.R.K.        | Lord Strathcona   | Quebec, Que.          | T.H.R.L.        |
| Freida E.              | Parrsboro, N.S.        | T.N.S.V.        | Louis Theriault   | Weymouth, N.S.        | T.N.K.V.        |
| Fundy King             | Annapolis Royal, N.S.  | T.P.L.W.        | Louisville        | Montreal, Que.        | V.L.Q.B.        |
| G. T. D.               | Quebec, Que.           | H.P.L.M.        | Lovisa            | Windsor, N.S.         | T.C.M.J.        |
| G. R. Crowe            | Toronto, Ont.          | H.L.K.S.        | M. J. Taylor      | Quebec, Que.          | W.H.D.F.        |
| Garthlyde              | Montreal, Que.         | J.Q.F.M.        | M. O. Crowell     | La Have, N.S.         | T.P.Q.V.        |
| General Currie         | Toronto, Ont.          | T.P.F.V.        | Macassa           | Hamilton, Ont.        | K.R.J.T.        |
| General George C. Hogg | Parrsboro, N.S.        | T.N.S.V.        | MacLean Clan      | Lunenburg, N.S.       | T.Q.D.K.        |
| General Pau            | Liverpool, N.S.        | T.P.G.C.        | Maggie Bell       | Lunenburg, N.S.       | W.M.C.R.        |
| General Plummer        | Liverpool, N.S.        | T.P.J.V.        | Maid of Brazil    | Weymouth, N.S.        | T.N.C.S.        |
| General Trenchard      | Liverpool, N.S.        | T.P.R.S.        | Maid of Canada    | La Have, N.S.         | T.N.W.K.        |
| General Turner         | Liverpool, N.S.        | T.P.J.W.        | Maid of England   | Weymouth, N.S.        | T.P.M.H.        |
| General Williams       | Toronto, Ont.          | T.P.K.D.        | Maid of Scotland  | Parrsboro, N.S.       | T.P.D.R.        |
| Geraldine Wolvin       | Vancouver, B.C.        | T.M.Q.B.        | Malahat           | Victoria, B.C.        | T.M.W.C.        |
| Gertrude Parsons       | Windsor, N.S.          | T.P.K.S.        | Malaspina         | Ottawa, Ont.          | T.M.N.T.        |
| Glennavis              | Midland, Ont.          | J.C.K.R.        | Manola            | Montreal, Que.        | T.P.S.J.        |
| Glooscap               | Windsor, N.S.          | T.C.N.L.        | Maplecourt        | Montreal, Que.        | T.P.K.L.        |
| Golden Rod             | Windsor, N.S.          | M.R.D.G.        | Maplefield        | Liverpool, N.S.       | T.P.B.L.        |
| Gordon T. Tibbo        | Liverpool, N.S.        | T.P.C.L.        | Mapleland         | Annapolis Royal, N.S. | T.P.C.W.        |
| Guiana                 | Montreal, Que.         | H.L.D.P.        | Margaret          | Ottawa, Ont.          | T.M.J.P.        |
| Gulnare                | Ottawa, Ont.           | V.S.P.W.        | Margaret Coughlan | Vancouver, B.C.       | T.N.M.Q.        |
| Gwennith               | Ottawa, Ont.           | H.S.B.L.        | Margery Haney     | Vancouver, B.C.       | T.M.P.V.        |
| Halifax                | Halifax, N.S.          | H.T.F.N.        | Margy Mahaffy     | Lunenburg, N.S.       | T.N.K.F.        |
| Halifax                | Halifax, N.S.          | K.V.C.R.        | Marine A. Howes   | Digby, N.S.           | T.P.H.V.        |
| Hamborn                | Halifax, N.S.          | T.M.K.H.        | Marine            | Halifax, N.S.         | T.P.H.N.        |
| Hamburg                | Windsor, N.S.          | K.J.H.W.        | Mariska           | Collingwood, Ont.     | T.P.H.Q.        |
| Harold Dollar          | Vancouver, B.C.        | H.R.W.Q.        | Marion G. Douglas | La Have, N.S.         | T.P.C.H.        |
| Harry A. K. McLennan   | Chatham, N.B.          | T.P.K.J.        | Marion L. No. 3   | Quebec, Que.          | T.Q.B.S.        |
| Henriette              | Vancouver, B.C.        | T.N.S.M.        | Marmion           | Vancouver, B.C.       | N.G.H.T.        |
| Herbert Green          | Weymouth, N.S.         | T.P.Q.S.        | Marshal Poch      | Lunenburg, N.S.       | T.P.V.H.        |
| Hilda M. Stark         | Annapolis Royal, N.S.  | T.N.C.G.        | Martha Parsons    | Windsor, N.S.         | T.N.S.L.        |
| Hiram D. MacLean       | Parrsboro, N.S.        | T.P.N.L.        | Mary G. Duff      | Lunenburg, N.S.       | T.P.M.J.        |
| Hochelaga              | Montreal, Que.         | H.V.M.S.        | Melmore           | Vancouver, B.C.       | M.R.D.V.        |
| Hockine                | Halifax, N.S.          | T.M.K.G.        | Melville Dollar   | Vancouver, B.C.       | H.C.B.S.        |
| Iberville              | Gaspé, Que.            | T.J.R.G.        | Meredith A. White | Parrsboro, N.S.       | T.N.L.B.        |
| Imbricaria             | Vancouver, B.C.        | N.F.G.T.        | Messenger         | Arichat, N.S.         | S.K.C.D.        |
| Imperial               | Sarnia, Ont.           | Q.C.P.J.        | Mina Brea         | Toronto, Ont.         | H.N.S.B.        |
| Imperoyal              | Sarnia, Ont.           | J.B.W.D.        | Mina Nadeau       | Paspebiac, Que.       | T.P.V.N.        |
| Impoco                 | Sarnia, Ont.           | J.C.N.M.        | Minas King        | Parrsboro, N.S.       | T.P.B.M.        |
| Impressive             | La Have, N.S.          | T.N.K.L.        | Minas Prince      | Parrsboro, N.S.       | T.P.F.M.        |
| Integral               | Lunenburg, N.S.        | T.N.B.R.        | Miriam H.         | Parrsboro, N.S.       | T.P.G.F.        |
| Inverneil              | Montreal, Que.         | N.V.K.R.        | Misty Star        | Shelburne, N.S.       | T.N.V.G.        |
| Inversnaid             | Montreal, Que.         | M.P.V.W.        | Monteagle         | Weyburne, N.S.        | T.N.B.G.        |
| Iocolite               | Sarnia, Ont.           | T.M.P.K.        | Montclair         | Vancouver, B.C.       | Q.V.N.C.        |
| Iocoma                 | Sarnia, Ont.           | H.W.J.N.        | Myrtle Piercy     | Yarmouth, N.S.        | T.N.W.Q.        |
| Imperia                | Montreal, Que.         | Q.S.L.R.        | Natashquan        | Liverpool, N.S.       | T.P.H.B.        |
| Isobel Moore           | Liverpool, N.S.        | T.P.V.B.        | Neptune           | Quebec, Que.          | J.S.M.Q.        |
| Iver Heath             | Montreal, Que.         | T.P.J.B.        | Nettie C.         | Liverpool, N.S.       | S.F.C.W.        |
| Ivigut                 | Quebec, Que.           | R.D.S.M.        | Nevada            | Weymouth, N.S.        | T.P.K.N.        |
| J. A. McKee            | Sault Ste. Marie, Ont. | H.N.C.B.        | Newington         | Montreal, Que.        | L.V.G.T.        |
| J. E. Backman          | La Have, N.S.          | T.N.P.S.        | Newona            | Vancouver, B.C.       | R.G.C.W.        |
| J. H. Wade             | Montreal, Que.         | T.N.J.V.        | Nitnat            | Montreal, Que.        | H.P.C.R.        |
| J. L. Rafuse           | Parrsboro, N.S.        | T.P.M.R.        | North American    | Victoria, B.C.        | K.C.N.M.        |
| Jean F. Anderson       | Digby, N.S.            | T.P.L.J.        | Northcliffe       | Montreal, Que.        | T.P.S.N.        |
| Jean Steedman          | Victoria, B.C.         | T.M.W.N.        | Northmount        | Parrsboro, N.S.       | T.P.B.V.        |
| Jennie V. Merriam      | Parrsboro, N.S.        | T.P.K.H.        | Northumberland    | Montreal, Que.        | H.M.N.B.        |
| Jessie Brown           | Parrsboro, N.S.        | S.F.H.V.        | Nova Queen        | Charlottetown, P.E.I. | T.C.N.Q.        |
| Jessie Norcross        | Charlottetown, P.E.I.  | T.M.Q.D.        | Olinda            | Parrsboro, N.S.       | T.P.M.C.        |
| Julius Kessler         | Vancouver, B.C.        | T.P.S.M.        | Olive Moore       | Liverpool, N.S.       | W.D.P.L.        |
| Katherine V. Mills     | Montreal, Que.         | T.P.S.M.        | Ontario           | Liverpool, N.S.       | T.P.R.M.        |
| Kenora                 | Annapolis Royal, N.S.  | H.M.P.K.        | Ophelia           | Windsor, N.S.         | Q.N.S.G.        |
| Kerry Range            | Toronto, Ont.          | H.L.R.N.        | Orfidi            | Shelburne, N.S.       | W.M.B.C.        |
| Korona                 | Montreal, Que.         | J.M.K.C.        | Ormes             | Montreal, Que.        | T.Q.D.M.        |
| La Canadienne          | Montreal, Que.         | K.F.B.H.        | Paipoonge         | Montreal, Que.        | T.Q.D.J.        |
| Lady Elvyn             | Ottawa, Ont.           | T.N.V.B.        | Parima            | Montreal, Que.        | T.P.W.R.        |
| Lady Grey              | Quebec, Que.           | S.K.C.V.        | Peaceland         | Montreal, Que.        | L.J.C.N.        |
| Lady of Gaspé          | Ottawa, Ont.           | T.M.P.C.        | Pessiquid         | Annapolis Royal, N.S. | T.P.L.N.        |
| Lansdowne              | Quebec, Que.           | R.C.H.W.        | Petite Riviere    | Maitland, N.S.        | T.M.J.S.        |
| Laurel Whalen          | Ottawa, Ont.           | W.D.M.H.        | Plymouth          | Liverpool, N.S.       | S.F.G.R.        |
| Le Quesnoy             | Vancouver, B.C.        | T.M.Q.C.        | Prince Albert     | Windsor, N.S.         | T.D.C.F.        |
| Leo LeBlanc            | Toronto, Ont.          | T.P.C.N.        | Prince Arthur     | Prince Rupert, B.C.   | M.T.P.R.        |
| Lewis Brothers         | Weymouth, N.S.         | T.P.K.F.        | Prince George     | Yarmouth, N.S.        | R.D.V.J.        |
| Lillie                 | Halifax, N.S.          | T.M.Y.W.        | Prince John       | Yarmouth, N.S.        | Q.K.B.S.        |
|                        | Maitland, N.S.         | Q.M.N.C.        | Princess May      | Prince Rupert, B.C.   | H.Q.M.K.        |
|                        |                        |                 |                   | Vancouver, B.C.       | P.V.N.Q.        |

BRITISH SHIPS Registered in Canada to which distinguishing signals have been allotted, arranged in alphabetical order.

| Name of Ship.              | Port of Registry.     | Signal letters. | Name of Ship.           | Port of Registry.      | Signal letters |
|----------------------------|-----------------------|-----------------|-------------------------|------------------------|----------------|
| Princess Patricia.....     | Victoria, B.C.        | H.V.D.J.        | T. K. Bentley.....      | Parrsboro, N.S.        | T.O.B.V.       |
| Priscilla.....             | Liverpool, N.S.       | S.D.Q.M.        | Tahitian Maiden.....    | Liverpool, N.S.        | T.P.Q.R.       |
| Quaco Queen.....           | St. John, N.B.        | T.P.G.W.        | Tanagra.....            | St. John, N.B.         | R.H.G.M.       |
| Ralph T. Parsons.....      | Windsor, N.S.         | T.M.V.S.        | Talaralite.....         | Toronto, Ont.          | T.N.C.D.       |
| Ranger.....                | Gaspe, Que.           | T.F.G.D.        | Tees.....               | Victoria, B.C.         | N.T.B.W.       |
| Reginolite.....            | Sarnia.....           | T.M.V.R.        | Tepic.....              | Vancouver, B.C.        | J.B.D.P.       |
| Randfontein.....           | St. John, N.B.        | T.P.D.L.        | Thomas J. Drummond..... | Sault Ste. Marie, Ont. | T.M.W.J.       |
| Rayon d'or.....            | Halifax, N.S.         | H.W.L.D.        | Toiler.....             | Kingston, Ont.         | H.S.L.G.       |
| Rebecca L. Mac-Donald..... | Digby, N.S.           | T.N.B.J.        | Torontonian.....        | Toronto, Ont.          | T.P.R.H.       |
| Reine Victoria.....        | Quebec, Que.          | T.K.W.C.        | Traveller.....          | St. John, N.B.         | T.G.H.B.       |
| Renvoyle.....              | Toronto, Ont.         | J.L.W.P.        | Turro Queen.....        | Parrsboro, N.S.        | T.N.V.S.       |
| Retlaw.....                | Sarnia, Ont.          | T.J.Q.M.        | Tuna.....               | Montreal, Que.         | T.M.J.Q.       |
| Rewa.....                  | Parrsboro, N.S.       | T.C.N.P.        | Turbina.....            | Hamilton, Ont.         | T.N.S.R.       |
| Richard B. Silver.....     | Lunenburg, N.S.       | T.P.M.S.        | Turret Cape.....        | Montreal, Que.         | N.V.H.P.       |
| Richard Simonds.....       | St. John, N.B.        | S.C.V.D.        | Turret Court.....       | Montreal, Que.         | P.M.J.L.       |
| Roman.....                 | Vancouver, B.C.       | H.K.W.J.        | Turret Crown.....       | Vancouver, B.C.        | N.T.S.L.       |
| Rosanne Belliveau.....     | Weymouth, N.S.        | T.P.K.R.        | Tyrian.....             | Halifax, N.S.          | J.P.W.B.       |
| Roxana Burton.....         | Weymouth, N.S.        | T.P.R.G.        | Varuna.....             | Quebec, Que.           | Q.H.N.W.       |
| Roy Bruce.....             | Shelburne, N.S.       | T.P.V.F.        | Vaudreuil.....          | Montreal, Que.         | T.P.L.V.       |
| Royalite.....              | Sarnia, Ont.          | T.M.P.L.        | Venture.....            | Victoria, B.C.         | H.Q.N.S.       |
| Rupert K.....              | Parrsboro, N.S.       | T.P.V.C.        | Victory Chimes.....     | Charlottetown, P.E.I.  | T.P.B.W.       |
| St. Clair Theriault.....   | Weymouth, N.S.        | T.P.F.K.        | Vincent A. White.....   | Parrsboro, N.S.        | T.N.L.C.       |
| St. Mihiel.....            | Toronto, Ont.         | T.P.B.H.        | Virginie.....           | Quebec, Que.           | W.N.Q.R.       |
| Sarnolite.....             | Sarnia, Ont.          | T.M.P.Q.        | Vogue.....              | La Have, N.S.          | T.M.S.P.       |
| Scotia Belle.....          | Weymouth, N.S.        | T.N.C.M.        | Volunda.....            | Pictou, N.S.           | T.P.S.K.       |
| Scotia Maiden.....         | Weymouth, N.S.        | T.P.F.L.        | W. H. Baxter.....       | Windsor, N.S.          | W.M.C.L.       |
| Scotsman.....              | Halifax, N.S.         | T.V.D.W.        | W. M. Richard.....      | Annapolis Royal, N.S.  | T.Q.W.L.       |
| Sea King.....              | Pictou, N.S.          | T.P.S.W.        | W. S. Macdonald.....    | Yarmouth, N.S.         | T.P.M.J.       |
| Seal.....                  | Windsor, N.S.         | H.S.N.M.        | Watuka.....             | Pictou, N.S.           | T.P.C.V.       |
| Seaman A. O.....           | Parrsboro, N.S.       | T.P.L.M.        | Westway.....            | Weymouth, N.S.         | T.P.B.S.       |
| Sellasia.....              | St. John, N.B.        | S.N.V.R.        | Wethersfield.....       | Montreal, Que.         | T.M.K.J.       |
| Selma.....                 | Vancouver, B.C.       | W.D.V.G.        | Whitebelle.....         | Parrsboro, N.S.        | T.P.S.H.       |
| Senlac.....                | St. John, N.B.        | T.Q.L.S.        | Whiteson.....           | Parrsboro, N.S.        | T.P.L.K.       |
| Severn.....                | Charlottetown, P.E.I. | J.R.P.C.        | Whiteway.....           | Parrsboro, N.S.        | T.P.K.G.       |
| Severn.....                | Windsor, N.S.         | M.H.R.P.        | Wild Wave.....          | Liverpool, N.S.        | T.G.Q.F.       |
| Silver Leaf.....           | Parrsboro, N.S.       | T.Q.M.F.        | William A. Naugler..... | La Have, N.S.          | T.N.F.C.       |
| Simla.....                 | Vancouver, B.C.       | T.M.J.B.        | William Duff.....       | Lunenburg, N.S.        | T.N.F.L.       |
| Sir Donald.....            | Lunenburg, N.S.       | T.P.G.S.        | William Melbourne.....  | Parrsboro, N.S.        | T.M.V.P.       |
| Skoda.....                 | Windsor, N.S.         | N.C.V.J.        | Wm. Thos. Moore.....    | Halifax, N.S.          | J.M.W.D.       |
| South American.....        | Montreal, Que.        | T.Q.D.C.        | Winona.....             | Hamilton, Ont.         | H.G.V.F.       |
| Spencer Lake.....          | Liverpool, N.S.       | T.P.V.G.        | Winthear.....           | La Have, N.S.          | T.M.W.P.       |
| Stewart T. Salter.....     | Parrsboro, N.S.       | T.P.D.W.        | Wren.....               | Canso, N.S.            | P.D.L.W.       |
| Stormont.....              | Montreal, Que.        | H.P.M.D.        | Yarmouth.....           | Yarmouth, N.S.         | K.L.P.V.       |
| T. L. Church.....          | Toronto, Ont.         | T.P.R.F.        | Zeta.....               | Windsor, N.S.          | W.K.P.N.       |

## SESSIONAL PAPER No. 22

BRITISH SHIPS Registered in Canada to which distinguishing signals have been allotted, arranged in order of signal letters.

| Signal letters. | Name of Ship.<br>Port of Registry.                | Official number. | Signal letters. | Name of Ship.<br>Port of Registry.         | Official number. |
|-----------------|---|------------------|-----------------|--|------------------|
| H.B.T.F.        | Chileo of Vancouver, B.C.                         | 57034            | N.G.H.T.        | Marmion, Vancouver, B.C.                   | 102622           |
| H.C.B.S.        | Melville Dollar of Victoria, B.C.                 | 121212           | N.M.G.R.        | Amelia of Magdalen Islands, Que.           | 104069           |
| H.C.V.L.        | Christine of Ottawa, Ont.                         | 36714            | N.S.Q.R.        | Cruiser of Halifax, N.S.                   | 104606           |
| H.D.V.F.        | Bessie Dollar of Vancouver, B.C.                  | 121272           | N.T.B.W.        | Tees of Victoria, B.C.                     | 95292            |
| H.G.V.F.        | Winona of Hamilton, Ont.                          | 123851           | N.T.S.L.        | Turret Crown of Vancouver, B.C.            | 104279           |
| H.K.W.J.        | Roman of Vancouver, B.C.                          | 124771           | N.V.H.P.        | Turret Cape, Montreal, Que.                | 104283           |
| H.L.D.P.        | Guiana of Montreal, Que.                          | 125603           | N.V.K.R.        | Inverneil of Montreal, Que.                | 104512           |
| H.L.K.S.        | G. R. Crowe, of Toronto, Ont.                     | 123324           | P.D.L.W.        | Wren of Canso, N.S.                        | 104200           |
| H.L.R.N.        | Kenora of Toronto, Ont.                           | 124235           | P.M.J.L.        | Turret Court of Montreal, Que.             | 106608           |
| H.M.N.B.        | Northmount of Montreal, Que.                      | 124260           | P.V.N.Q.        | Princess May of Vancouver, B.C.            | 106860           |
| H.M.V.R.        | Camosun of Vancouver, B.C.                        | 121204           | Q.C.P.J.        | Imperial of Sarnia, Ont.                   | 108346           |
| H.N.C.B.        | J. A. McKee of Sault Ste. Marie,<br>Ont.          | 125442           | Q.C.W.M.        | Lord Dufferin of Montreal, Que.            | 108624           |
| H.N.C.G.        | Kinmount of Montreal, Que.                        | 138218           | Q.H.N.W.        | Varuna of Quebec, Que.                     | 85758            |
| H.N.S.B.        | Mina Brea of Toronto, Ont.                        | 125773           | Q.K.B.S.        | Prince George of Yarmouth, N.S.            | 110603           |
| H.P.L.M.        | G.T.D. of Quebec.                                 | 97096            | Q.M.N.C.        | Lillie of Maitland, N.S.                   | 100338           |
| H.P.M.D.        | Stormont of Montreal, Que.                        | 123409           | Q.N.S.G.        | Ontario of Windsor, N.S.                   | 72190            |
| H.P.M.G.        | Lilloet of Victoria, B.C.                         | 122395           | Q.S.L.R.        | Iperia of Montreal, Que.                   | 110544           |
| H.P.M.K.        | Katherine V. Mills, of Annapolis<br>Royal, N.S.   | 136013           | Q.V.N.C.        | Monteagle of Vancouver, B.C.               | 110554           |
| H.P.Q.R.        | Newona of Montreal, Que.                          | 125470           | R.C.H.W.        | Lady of Gaspe of Quebec, Que.              | 75554            |
| H.Q.M.K.        | Prince John of Prince Rupert, B.C.                | 129472           | R.D.S.M.        | Ivigtut of Quebec, Que.                    | 74292            |
| H.O.N.S.        | Venture of Victoria, B.C.                         | 129475           | R.D.V.J.        | Prince Arthur of Yarmouth, N.S.            | 110131           |
| H.O.P.W.        | Cartier of Ottawa, Ont.                           | 129745           | R.F.L.Q.        | Beauharnois of Ottawa, Ont.                | 33476            |
| H.R.W.Q.        | Harold Dollar of Victoria, B.C.                   | 129531           | R.G.C.W.        | Newington of Vancouver, B.C.               | 110697           |
| H.S.B.L.        | Gwennith of Ottawa, Ont.                          | 129159           | R.G.V.B.        | Lord Ormonde of Quebec, Que.               | 110506           |
| H.S.L.G.        | Toiler of Kingston, Ont.                          | 129707           | R.H.G.M.        | Tanagra of St. John, N.B.                  | 110601           |
| H.S.N.M.        | Seal of Windsor, N.S.                             | 129556           | R.W.L.K.        | Adeline of Liverpool, N.S.                 | 36608            |
| H.T.F.N.        | Halifax of Halifax, N.S.                          | 129590           | S.C.V.D.        | Richard Simonds of St. John, N.B.          | 37172            |
| H.T.W.G.        | Lingan of Montreal, Que.                          | 132810           | S.D.Q.M.        | Priscilla of Liverpool, N.S.               | 37374            |
| H.V.D.J.        | Princess Patricia of Victoria, B.C.               | 115685           | S.F.C.W.        | Neptune of Liverpool, N.S.                 | 37470            |
| H.V.M.S.        | Hochelaga of Montreal, Que.                       | 132818           | S.F.G.R.        | Petite Riviere of Liverpool, N.S.          | 37497            |
| H.W.J.N.        | Iocoma of Sarnia, Ont.                            | 132745           | S.F.H.V.        | Jessie Brown of Charlottetown, P.E.I.      | 37514            |
| H.W.L.D.        | Rocayon d'or of Halifax, N.S.                     | 134737           | S.G.M.H.        | Bristol of Windsor, N.S.                   | 78998            |
| J.B.D.P.        | Tepee of Vancouver, B.C.                          | 87180            | S.K.C.D.        | Messenger of Arichat, N.S.                 | 38417            |
| J.B.W.D.        | Imperial of Sarnia, Ont.                          | 135209           | S.K.C.F.        | Dolphin of Arichat, N.S.                   | 38418            |
| J.B.S.Q.        | Empress of Russia of Vancouver,<br>B.C.           | 135197           | S.K.C.V.        | Lady Evelyn of Quebec, Que.                | 109650           |
| J.C.K.F.        | Gleam of Asia of Vancouver, B.C.                  | 135226           | S.K.R.M.        | Fortune of Sydney, N.S.                    | 35559            |
| J.C.K.R.        | Gleamavis of Midland, Ont.                        | 133533           | S.M.W.K.        | Elizabeth of Charlottetown, P.E.I.         | 39113            |
| J.C.N.M.        | Impoco of Sarnia, Ont.                            | 135238           | S.N.V.R.        | Sellasia of St. John, N.B.                 | 113495           |
| J.C.W.T.        | Honoreva of Montreal, Que.                        | 134700           | S.W.H.P.        | Egeria of St. John, N.B.                   | 80008            |
| J.L.W.P.        | Renvoyle of Toronto, Ont.                         | 126836           | T.C.M.D.        | Ensenada of Windsor, N.S.                  | 94735            |
| J.M.K.C.        | Kerry Range, Montreal, Que.                       | 137494           | T.C.M.L.        | Lovisa of Windsor, N.S.                    | 97189            |
| J.M.W.D.        | Wm. Thos. Moore, of Halifax, N.S.                 | 134466           | T.C.I.N.        | Gloosecap of Windsor, N.S.                 | 100108           |
| J.N.K.R.        | Ada Trott of Parrsboro, N.S.                      | 133895           | T.C.N.P.        | Rewa of Parrsboro, N.S.                    | 100511           |
| J.P.L.V.        | C. W. James of Quebec.                            | 88558            | T.C.N.Q.        | Northumberland of Charlottetown,<br>P.E.I. | 96937            |
| J.P.W.B.        | Tyrian of Halifax, N.S.                           | 60459            | T.D.C.F.        | Plymouth of Windsor, N.S.                  | 80801            |
| J.R.F.M.        | Garthclyde of Montreal, Que.                      | 82960            | T.F.G.D.        | Ranger of Gaspe, Que.                      | 41568            |
| J.R.P.C.        | Seyra of Charlottetown, P.E.I.                    | 88648            | T.G.H.B.        | Traveller of St. John, N.B.                | 41821            |
| J.S.M.Q.        | Natashquan of Quebec, Que.                        | 62598            | T.G.H.D.        | Flying Cloud of St. John, N.B.             | 41823            |
| K.C.N.M.        | Natinat of Victoria, B.C.                         | 91255            | T.G.Q.F.        | Wild Wave of Liverpool, N.S.               | 41929            |
| K.F.B.H.        | Korona of Montreal, Que.                          | 91901            | T.H.R.L.        | Lord Stratheona of Quebec, Que.            | 99478            |
| K.F.N.M.        | Charles E. Lefurzey of Charlotte-<br>town, P.E.I. | 88658            | T.J.Q.M.        | Retlaw of Sarnia, Ont.                     | 115131           |
| K.H.M.C.        | Emma R. Smith of Windsor, N.S.                    | 85439            | T.J.R.G.        | Iberville of Gaspe, Que.                   | 42425            |
| K.J.H.W.        | Hamburg of Windsor, N.S.                          | 92482            | T.K.W.C.        | Reine Victoria of Quebec, Que.             | 42707            |
| K.L.P.V.        | Yarmouth of Yarmouth, N.S.                        | 93373            | T.M.J.B.        | Simla of Vancouver, B.C.                   | 97766            |
| K.R.J.T.        | Macassa of Hamilton, Ont.                         | 93922            | T.M.J.N.        | Canada of Ottawa, Ont.                     | 116870           |
| K.V.C.R.        | Halifax of Halifax, N.S.                          | 95099            | T.M.J.P.        | Margaret of Ottawa, Ont.                   | 135668           |
| L.C.F.M.        | Bayfield of Ottawa, Ont.                          | 96049            | T.M.J.Q.        | Tuna of Montreal, Que.                     | 115849           |
| L.D.F.C.        | Lockwood of St. John, N.B.                        | 61833            | T.M.J.S.        | Pesaquid of Maitland, N.S.                 | 116553           |
| L.I.C.N.        | Parima of Montreal, Que.                          | 96643            | T.M.K.C.        | Bellas of Quebec, Que.                     | 138081           |
| L.Q.T.F.        | Amur of Vancouver, B.C.                           | 98073            | T.M.K.D.        | Daniel M. Munro of Windsor, N.S.           | 112065           |
| L.T.O.V.        | Cape Breton of Montreal, Que.                     | 97808            | T.M.K.G.        | Hocking of Halifax, N.S.                   | 102730           |
| L.V.G.T.        | Nevada of Montreal, Que.                          | 95225            | T.M.K.H.        | Ham born of Halifax, N.S.                  | 134664           |
| L.V.N.B.        | Aranmore of Ottawa.                               | 95579            | T.M.K.J.        | Wethersfield of Montreal, Que.             | 114445           |
| M.C.H.Q.        | Empress of Japan of Vancouver, B.C.               | 95911            | T.M.N.P.        | Malaspina of Ottawa, Ont.                  | 136044           |
| M.H.L.Q.        | Corunna of Montreal, Que.                         | 99224            | T.M.N.S.        | Edith M. Cavell of Shelburne, N.S.         | 138202           |
| M.H.R.P.        | Seyra of Windsor, N.S.                            | 85448            | T.M.P.C.        | Lady Grey of Ottawa, Ont.                  | 122014           |
| M.H.W.F.        | Canada of Windsor, N.S.                           | 100262           | T.M.P.D.        | A. E. McKinstry of Montreal, Que.          | 129491           |
| M.P.J.S.        | Calburga of Maitland, N.S.                        | 90478            | T.M.P.K.        | Iocolite of Sarnia, Ont.                   | 134514           |
| M.P.V.W.        | Azov of Toronto, Ont.                             | 99402            | T.M.P.L.        | Royalite of Sarnia, Ont.                   | 134513           |
| M.Q.N.S.        | Inversnaid of Montreal, Que.                      | 99639            | T.M.P.Q.        | Sarnolite of Sarnia, Ont.                  | 134515           |
| M.R.D.G.        | Canada of Vancouver, B.C.                         | 99675            | T.M.P.W.        | Margaret Haney of Vancouver, B.C.          | 138353           |
| M.T.P.R.        | Golden Rod of Windsor, N.S.                       | 100271           | T.M.Q.B.        | Geraldine Wolvin of Vancouver, B.C.        | 138354           |
| M.R.D.V.        | Prince Albert of Prince Rupert, B.C.              | 99584            | T.M.Q.C.        | Laurel Whalen of Vancouver, B.C.           | 138367           |
| M.C.V.I.        | Melmore of Vancouver, B.C.                        | 99833            | T.M.Q.D.        | Jessie Norcross of Vancouver, B.C.         | 138368           |
| N.C.V.I.        | Skoda of Windsor, N.S.                            | 100733           | T.M.Q.N.        | Canadian of Montreal, Que.                 | 125427           |
| N.F.G.T.        | Impricaria of Vancouver, B.C.                     | 99710            | T.M.S.P.        | Vogue of La Have, N.S.                     | 138209           |
|                 |   |                  | T.M.S.W.        | Frances Louise of Lunenburg, N.S.          | 138546           |
|                 |   |                  | T.M.V.D.        | Daniel Getson of Lunenburg, N.S.           | 138399           |
|                 |   |                  | T.M.V.H.        | Chiralite of Toronto, Ont.                 | 138536           |

BRITISH SHIPS Registered in Canada to which distinguishing signals have been allotted, arranged in order of signal letters.

| Signal letters. | Name of Ship.<br>Port of Registry.           | Official number. | Signal letters. | Name of Ship.<br>Port of Registry.    | Official number. |
|-----------------|--|------------------|-----------------|---------------------------------------|------------------|
| T.M.V.P.        | William Melbourne of Parrsboro, N.S.         | 133900           | T.P.D.F.        | Cap Horn of Vancouver, B.C.           | 141210           |
| T.M.V.O.        | Esther Adelaide of Parrsboro, N.S.           | 138471           | T.P.D.G.        | Cap Vert of Vancouver, B.C.           | 141220           |
| T.M.V.R.        | Reginolite of Sarnia, Ont.                   | 138372           | T.P.D.H.        | Cap Finisterre of Vancouver, B.C.     | 141212           |
| T.M.V.S.        | Ralph S. Parsons of Windsor, N.S.            | 130256           | T.P.D.J.        | Cap Vincent of Vancouver, B.C.        | 141300           |
| T.M.V.W.        | Lewis Brothers of Halifax, N.S.              | 138347           | T.P.D.K.        | Barbara W. of Parrsboro, N.S.         | 141261           |
| T.M.W.B.        | Ainslie of Liverpool, N.S.                   | 130243           | T.P.D.L.        | Randfontein of St. John, N.B.         | 138595           |
| T.M.W.C.        | Malahat of Victoria, B.C.                    | 134655           | T.P.D.O.        | Edgewood of Montreal, Que.            | 140956           |
| T.M.W.J.        | Thomas J. Drummond of Sault Ste. Marie, Ont. | 126863           | T.P.D.R.        | Maid of Scotland of Weymouth, N.S.    | 141222           |
| T.M.W.N.        | Jean Steedman of Victoria, B.C.              | 134658           | T.P.D.W.        | Stewart T. Salter of Parrsboro, N.S.  | 141262           |
| T.M.W.P.        | Winthear of Liverpool, N.S.                  | 138198           | T.P.F.J.        | Bona H. of Parrsboro, N.S.            | 141264           |
| T.M.W.R.        | Annie B. Anderson of Parrsboro, N.S.         | 138474           | T.P.F.K.        | St. Clair Theriault of Weymouth, N.S. | 141223           |
| T.N.B.G.        | Misty Star of Shelburne, N.S.                | 138567           | T.P.F.L.        | Scotia Maiden of Weymouth, N.S.       | 141224           |
| T.N.B.J.        | Rebecca L. MacDonald of Digby, N.S.          | 133967           | T.P.F.M.        | Minas Prince of Parrsboro, N.S.       | 141263           |
| T.N.B.R.        | Integral of Lunenburg, N.S.                  | 138554           | T.P.F.N.        | Canadian Warrior of Montreal, Que.    | 140960           |
| T.N.C.D.        | Talaralite, Toronto, Ont.                    | 137907           | T.P.F.Q.        | Canadian Voyageur of Montreal, Que.   | 140957           |
| T.N.C.G.        | Hilda M. Stark of Annapolis Royal, N.S.      | 138432           | T.P.F.R.        | Canadian Pioneer of Montreal, Que.    | 140958           |
| T.N.C.P.        | Don Parsons, Windsor, N.S.                   | 130258           | T.P.F.S.        | Anabel Cameron of Pictou, N.S.        | 138654           |
| T.N.C.R.        | Alfred Ock Hedley, Parrsboro, N.S.           | 138476           | T.P.F.V.        | General Currie of Toronto, Ont.       | 140993           |
| T.N.C.S.        | Maid of Brazil, Weymouth, N.S.               | 138801           | T.P.G.C.        | General Pau of Liverpool, N.S.        | 140673           |
| T.N.F.C.        | William A. Naugler, LaHave, N.S.             | 138645           | T.P.G.F.        | Minas Princess of Parrsboro, N.S.     | 141265           |
| T.N.F.G.        | Eveline Wilkie, LaHave, N.S.                 | 138646           | T.P.G.H.        | Frances Parsons of Windsor, N.S.      | 141074           |
| T.N.F.L.        | William Duff, Lunenburg, N.S.                | 138853           | T.P.G.K.        | Bessie A. White, of Parrsboro, N.S.   | 141266           |
| T.N.F.H.        | Chautauqua, Lunenburg, N.S.                  | 138835           | T.P.G.L.        | Canadian Ranger of Montreal, Que.     | 140961           |
| T.N.J.V.        | J. H. Wade, Montreal, Que.                   | 134616           | T.P.G.S.        | Sir Donald of Lunenburg, N.S.         | 141056           |
| T.N.K.F.        | Margery Mahaffy of Lunenburg, N.S.           | 138826           | T.P.G.V.        | Canadian Recruit of Montreal, Que.    | 141366           |
| T.N.K.H.        | Adam B. MacKay of Parrsboro, N.S.            | 138472           | T.P.G.W.        | Quaco Queen of St. John, N.B.         | 138596           |
| T.N.K.L.        | Impressive of La Have, N.S.                  | 138648           | T.P.H.B.        | Myrtle Piercy of Liverpool, N.S.      | 140876           |
| T.N.K.V.        | Louis Theriault of Weymouth, N.S.            | 138803           | T.P.H.D.        | Canadian Volunteer of Montreal, Que.  | 141424           |
| T.N.K.W.        | Florida E. of Parrsboro, N.S.                | 138477           | T.P.H.G.        | Canadian Trooper of Montreal, Que.    | 141431           |
| T.N.L.B.        | Meredith A. White of Parrsboro, N.S.         | 138479           | T.P.H.J.        | Charles & Vernon of LaHave, N.S.      | 141288           |
| T.N.L.C.        | Vincent A. White of Parrsboro, N.S.          | 138478           | T.P.H.K.        | Con Rein of LaHave, N.S.              | 141287           |
| T.N.M.H.        | Drallim of Liverpool, N.S.                   | 140687           | T.P.H.L.        | Cape Blomidon of Parrsboro, N.S.      | 141267           |
| T.N.M.P.        | Farlings of Halifax, N.S.                    | 138758           | T.P.H.M.        | Acadian Queen of Parrsboro, N.S.      | 141268           |
| T.N.S.K.        | Bethalnia of Port Stanley, Ont.              | 121959           | T.P.H.N.        | Marine of Halifax, N.S.               | 138768           |
| T.N.S.L.        | Martha Parsons of Windsor, N.S.              | 141072           | T.P.H.O.        | Mariska of Collingwood, Ont.          | 130979           |
| T.N.S.M.        | Henriette of Vancouver, B.C.                 | 112254           | T.P.H.W.        | Maria A. Hoves of Digby, N.S.         | 133970           |
| T.N.S.P.        | J. E. Backman of LaHave, N.S.                | 141131           | T.P.J.B.        | Iver Heath of Montreal, Que.          | 113497           |
| T.N.S.Q.        | Cashier of Halifax, N.S.                     | 138759           | T.P.J.D.        | Amy G. McKeen of Halifax, N.S.        | 138769           |
| T.N.S.R.        | Turbina of Hamilton, Ont.                    | 112201           | T.P.J.F.        | Canadian Trader of Montreal, Que.     | 141376           |
| T.N.S.V.        | General George C. Hogg of Parrsboro, N.S.    | 141161           | T.P.J.G.        | Canadian Seigneur of Montreal, Que.   | 141365           |
| T.N.V.S.        | Ada A. McIntyre of St. John, N.B.            | 138593           | T.P.J.H.        | E. C. Adams of Lunenburg, N.S.        | 141404           |
| T.N.V.F.        | Truro Queen of Parrsboro, N.S.               | 141162           | T.P.J.M.        | Mary G. Duff of Lunenburg, N.S.       | 141406           |
| T.N.V.G.        | Miriam H. of Weymouth, N.S.                  | 138806           | T.P.J.Q.        | Canadian Signaller of Montreal, Que.  | 141479           |
| T.N.W.K.        | Maid of Canada, La Have, N.S.                | 141137           | T.P.J.R.        | General Plumer of Liverpool, N.S.     | 140877           |
| T.N.W.Q.        | Montclair, Yarmouth, N.S.                    | 138747           | T.P.J.V.        | General Turner of Toronto, Ont.       | 140996           |
| T.N.W.S.        | E.L. Comeau, La Have, N.S.                   | 141132           | T.P.K.C.        | Canadian Sailor of Montreal, Que.     | 141377           |
| T.N.W.V.        | Eugenie Owen MacKay, Parrsboro, N.S.         | 141165           | T.P.K.D.        | General Williams of Toronto, Ont.     | 140997           |
| T.P.B.C.        | Cambrai, Pictou, N.S.                        | 138652           | T.P.K.F.        | Leo LeBlanc of Weymouth, N.S.         | 141226           |
| T.P.B.D.        | Bernice, R. La Have, N.S.                    | 141133           | T.P.K.G.        | Whiteway of Parrsboro, N.S.           | 141513           |
| T.P.B.F.        | Favonian, Windsor, N.S.                      | 141073           | T.P.K.H.        | Jennie V. Merriam of Parrsboro, N.S.  | 141438           |
| T.P.B.G.        | Avon Queen, Windsor, N.S.                    | 141071           | T.P.K.J.        | Harry A. McLennan of Chatnam, N.B.    | 138620           |
| T.P.B.H.        | St. Mihiel, Toronto, Ont.                    | 137909           | T.P.K.M.        | Charlotte Comeau of Weymouth, N.S.    | 141228           |
| T.P.B.K.        | Edith Dawson, Lunenburg, N.S.                | 141044           | T.P.K.N.        | Nettie C. of Weymouth, N.S.           | 141227           |
| T.P.B.L.        | Maplefield, Liverpool, N.S.                  | 140870           | T.P.K.R.        | Rosanne Belleveau of Weymouth, N.S.   | 141230           |
| T.P.B.M.        | Minas King, Parrsboro, N.S.                  | 141167           | T.P.K.S.        | Gertrude Parsons of Windsor, N.S.     | 141075           |
| T.P.B.Q.        | Edith Bellevue, Weymouth, N.S.               | 138807           | T.P.K.V.        | Cumberland Queen of Parrsboro, N.S.   | 141514           |
| T.P.B.R.        | C. Naud Gaskill, Weymouth, N.S.              | 138809           | T.P.L.B.        | Canadian Miller of Montreal, Que.     | 141474           |
| T.P.B.S.        | Westway, Weymouth, N.S.                      | 138810           | T.P.L.J.        | Jean F. Anderson of Digby, N.S.       | 141391           |
| T.P.B.V.        | Northcliffe, Parrsboro, N.S.                 | 141165           | T.P.L.K.        | Whiteson of Parrsboro, N.S.           | 141516           |
| T.P.B.W.        | Victory Chimes, Charlottetown, P.E.I.        | 134210           | T.P.L.M.        | Seamen A.O. of Parrsboro, N.S.        | 141517           |
| T.P.C.F.        | Cap D'Or, of LaHave, N.S.                    | 141135           | T.P.L.N.        | Peaceland of Annapolis Royal, N.S.    | 138438           |
| T.P.C.G.        | Cape LaHave, of LaHave, N.S.                 | 141136           | T.P.L.V.        | Vaudreuil of Montreal, Que.           | 141484           |
| T.P.C.H.        | Marion G. Douglas, of LaHave, N.S.           | 133899           | T.P.L.W.        | Fundy King of Annapolis Royal, N.S.   | 138439           |
| T.P.C.L.        | Gordon T. Tibbo, of Liverpool, N.S.          | 140871           | T.P.M.B.        | Canadian Aviator of Montreal, Que.    | 141547           |
| T.P.C.M.        | Arthur H. Zwicker, of Lunenburg, N.S.        | 141046           | T.P.M.C.        | Nova Queen of Parrsboro, N.S.         | 141518           |
| T.P.C.N.        | Lequesnoy, of Toronto, Ont.                  | 137910           | T.P.M.D.        | Celeste D., of Weymouth, N.S.         | 141572           |
| T.P.C.Q.        | Frances J. Elkin of Weymouth, N.S.           | 141221           | T.P.M.G.        | E. P. Theriault of Weymouth, N.S.     | 141571           |
| T.P.C.V.        | Wataka of Pictou, N.S.                       | 138653           | T.P.M.H.        | Maid of England of Weymouth, N.S.     | 141574           |
| T.P.C.W.        | Mapleland of Annapolis Royal, N.S.           | 138435           | T.P.M.J.        | W. S. Macdonald of Yarmouth, N.S.     | 141258           |
| T.P.D.B.        | Cap Nord of Vancouver, B.C.                  | 141191           | T.P.M.K.        | Canadian Gunner of Montreal, Que.     | 141478           |
|                 |  |                  | T.P.M.N.        | Canadian Navigator of Montreal, Que.  | 141483           |
|                 |  |                  | T.P.M.Q.        | Canadian Sower of Montreal, Que.      | 141487           |
|                 |  |                  | T.P.M.R.        | J. L. Ralston of Parrsboro, N.S.      | 141519           |

## SESSIONAL PAPER No. 22

BRITISH SHIPS Registered in Canada to which distinguishing signals have been allotted, arranged in order of signal letters.

| Signal letters. | Name of Ship.<br>Port of Registry.    | Official number. | Signal letters. | Name of Ship.<br>Port of Registry.            | Official number. |
|-----------------|---------------------------------------|------------------|-----------------|---|------------------|
| T.P.M.S...      | Richard B. Silver of Lunenburg, N.S.  | 141412           | T.P.V.Q...      | Canadian Highlander of Montreal, Que.         | 150265           |
| T.P.M.V...      | Canadian Settler of Montreal, Que.    | 141488           | T.P.V.R...      | City of Victoria of Vancouver, B.C.           | 150266           |
| T.P.M.W...      | Canadian Spinner of Montreal, Que.    | 141481           | T.P.V.S...      | Anyox of Vancouver, B.C.                      | 150273           |
| T.P.N.B...      | Edward A. Cohan of Parrsboro, N.S.    | 141520           | T.P.W.R...      | Paipoonge of Montreal, Que.                   | 130840           |
| T.P.N.H...      | Cutty Sark of St. John, N.B.          | 141495           | T.P.W.S...      | Canadian Mariner of Montreal, Que.            | 141861           |
| T.P.N.J...      | Canadian Rancher of Montreal, Que.    | 141489           | T.Q.B.D...      | Canadian Winner of Montreal, Que.             | 141862           |
| T.P.N.K...      | Canadian Sealer of Montreal, Que.     | 141581           | T.Q.B.R...      | Canadian Squatter of Montreal, Que.           | 141853           |
| T.P.N.L...      | Hiram D. MacLean of Parrsboro, N.S.   | 141621           | T.Q.B.S...      | Marion L. No. 3 of Quebec, Que.               | 141748           |
| T.P.N.M...      | Canadian Adventurer of Montreal, Que. | 141486           | T.Q.B.V...      | T. K. Bentley of Parrsboro, N.S.              | 141628           |
| T.P.N.O...      | Canadian Planter of Montreal, Que.    | 141482           | T.Q.D.B...      | Canadian Rover of Montreal, Que.              | 141858           |
| T.P.N.R...      | Canadian Raider of Montreal, Que.     | 141564           | T.Q.D.C...      | South American of Montreal, Que.              | 141857           |
| T.P.N.V...      | Chas. F. Gordon of Halifax, N.S.      | 141545           | T.Q.D.F...      | Anna Macdonald of Charlottetown, P.E.I.       | 141239           |
| T.P.N.W...      | Canadian Trapper of Montreal, Que.    | 141585           | T.Q.D.G...      | Acadian of Halifax, N.S.                      | 150243           |
| T.P.Q.C...      | Canadian Importer of Montreal, Que.   | 141568           | T.Q.D.J...      | Ormes of Montreal, Que.                       | 141858           |
| T.P.Q.D...      | Canadian Exporter of Montreal, Que.   | 141703           | T.Q.D.K...      | MacLean Clan of Lunenburg, N.S.               | 141697           |
| T.P.Q.F...      | Canadian Inventor of Montreal, Que.   | 141705           | T.Q.D.L...      | Canadian Sapper of Montreal, Que.             | 141859           |
| T.P.Q.H...      | Canadian Prospector of Montreal, Que. | 141729           | T.Q.D.M...      | Ortiani of Montreal, Que.                     | 150345           |
| T.P.Q.K...      | Margaret Coughlan of Vancouver, B.C.  | 141803           | T.N.V.B...      | La Canadienne of Ottawa, Ont.                 | 82778            |
| T.P.Q.L...      | City of Vancouver of Vancouver, B.C.  | 150255           | T.Q.L.S...      | Senlac of St. John, N.B.                      | 112339           |
| T.P.Q.S...      | Herbert Green of Weymouth, N.S.       | 141574           | T.Q.M.F...      | Silver Leaf of Parrsboro, N.S.                | 112329           |
| T.P.Q.V...      | M. O. Crowell of LaHave, N.S.         | 141290           | T.Q.N.K...      | Chrissie C. Thomey of Ottawa, Ont.            | 127672           |
| T.P.Q.W...      | Burpee L. Tucker of Parrsboro, N.S.   | 141623           | T.Q.W.F...      | F. C. Lockhart of St. John, N.B.              | 126018           |
| T.P.R.B...      | Canadian Miner of Montreal, Que.      | 141598           | T.Q.W.J...      | Lady Sybil of Magdalen Isds., Que.            | 85406            |
| T.P.R.C...      | Canadian Farmer of Montreal, Que.     | 141590           | T.Q.W.L...      | W. M. Richard of Annapolis Royal, N.S.        | 126592           |
| T.P.R.D...      | Canadian Beaver of Montreal, Que.     | 141592           | T.Q.W.N...      | David C. Ritcey of Lunenburg, N.S.            | 133812           |
| T.P.R.F...      | T. L. Church of Toronto, Ont.         | 141662           | T.V.D.W...      | Scotsman of Halifax, N.S.                     | 116114           |
| T.P.R.G...      | Roxana Burton of Weymouth, N.S.       | 141575           | V.H.K.G...      | British Columbia of Vancouver, B.C.           | 119063           |
| T.P.R.H...      | Torontonian of Toronto, Ont.          | 141663           | V.L.K.C...      | Florence C. Lawrence of Port Hawkesbury, N.S. | 46907            |
| T.P.R.J...      | Canadian Observer of Montreal, Que.   | 141761           | V.L.Q.B...      | Louisburg of Montreal, Que.                   | 83582            |
| T.P.R.K...      | Frederick H. of Parrsboro, N.S.       | 141624           | V.S.P.W...      | Gulnare of Ottawa, Ont.                       | 97071            |
| T.P.R.L...      | Maplecourt of Montreal, Que.          | 141766           | W.D.L.J...      | Alert of Weymouth, N.S.                       | 94823            |
| T.P.R.S...      | General Trenchard of Liverpool, N.S.  | 141642           | W.D.L.N...      | Carlotta G. Cox of Vancouver, B.C.            | 97154            |
| T.P.R.W...      | B. R. Tower of Parrsboro, N.S.        | 141625           | W.D.L.P...      | E. B. Marvin of Halifax, N.S.                 | 94810            |
| T.P.S.D...      | Canadian Runner of Montreal, Que.     | 141834           | W.D.M.H...      | Lansdowne of Ottawa, Ont.                     | 90604            |
| T.P.S.G...      | Canadian Hunter of Montreal, Que.     | 141769           | W.D.M.S...      | Elva of Shelburne, N.S.                       | 103785           |
| T.P.S.H...      | Whitebelle of Parrsboro, N.S.         | 141626           | W.D.P.G...      | Bravo of Lunenburg, N.S.                      | 103497           |
| T.P.S.J...      | Manola of Montreal, Que.              | 141836           | W.D.P.L...      | Olinda of Liverpool, N.S.                     | 107275           |
| T.P.S.K...      | Volunda of Pictou, N.S.               | 138658           | W.D.V.G...      | Chasina of Vancouver, B.C.                    | 85075            |
| T.P.S.M...      | Julius Kessler of Montreal, Que.      | 141837           | W.H.C.G...      | Evadne of Pictou, N.S.                        | 100705           |
| T.P.S.N...      | North American of Montreal, Que.      | 141841           | W.H.D.F...      | M. J. Taylor of Quebec, Que.                  | 111676           |
| T.P.S.O...      | Canadian Otter of Montreal, Que.      | 141760           | W.H.D.R...      | E. A. Sabeau of Port Medway, N.S.             | 90839            |
| T.P.S.R...      | Canadian Victor of Montreal, Que.     | 141765           | W.H.N.K...      | Coban of Montreal, Que.                       | 86071            |
| T.P.S.V...      | Ena F. Parsons of Windsor, N.S.       | 141077           | W.K.N.J...      | Acacia of Port Medway, N.S.                   | 83313            |
| T.P.S.W...      | Sea King of Pictou, N.S.              | 141627           | W.K.N.V...      | Dora Siewerd of Victoria, B.C.                | 100168           |
| T.P.V.C...      | Rupert K. of Parrsboro, N.S.          | 141076           | W.K.P.N...      | Zeta of Windsor, N.S.                         | 112058           |
| T.P.V.D...      | Fieldwood of Windsor, N.S.            | 141076           | W.K.P.R...      | Burleigh of Halifax, N.S.                     | 116450           |
| T.P.V.F...      | Roy Bruce of Shelburne, N.S.          | 141464           | W.M.B.C...      | Ophelia of Shelburne, N.S.                    | 111690           |
| T.P.V.G...      | Spencer Lake of Liverpool, N.S.       | 141644           | W.M.B.P...      | Advent of Windsor, N.S.                       | 112321           |
| T.P.V.H...      | Marshal Foch of Lunenburg, N.S.       | 141048           | W.M.C.L...      | W. H. Baxter of Windsor, N.S.                 | 117162           |
| T.P.V.J...      | Canadian Conqueror of Montreal, Que.  | 141831           | W.M.C.P...      | Edna V. Pickels of Annapolis Royal, N.S.      | 112003           |
| T.P.V.K...      | A. H. Comeau of Weymouth, N.S.        | 141576           | W.N.J.D...      | Amherst of Charlottetown, P.E.I.              | 78142            |
| T.P.V.L...      | Ethlyn of Lunenburg, N.S.             | 141403           | W.N.Q.R...      | Virginie of Quebec, Que.                      | 51537            |
| T.P.V.M...      | Mina Nadeau of Paspebiac, Que.        | 138427           | W.Q.R.V...      | City of Ghent of Halifax, N.S.                | 63145            |
| T.P.V.N...      | Canadian Carrier of Montreal, Que.    | 141835           |                 |   |                  |

LIST of vessels whose names have been changed by the Minister of Marine and Fisheries under Section 27 of Chapter 113 of the Revised Statutes of Canada, 1906, during the year ended December 31, 1920.

LISTE des navires dont les noms ont été changés par le ministre de la Marine et des Pêcheries, d'après les dispositions de l'article 27, chapitre 113 des Statuts Révisés du Canada, 1906, durant l'année le 31 décembre 1920.

| Official Number.<br>—<br>Numero officiel. | Present Name of Vessel.<br>—<br>Nom actuel du navire. | Port of Registry.<br>—<br>Port d'enregistrement. | Former Name of Vessel.<br>—<br>Ancien nom du navire. |
|---|---|--|--|
| 130330                                    | A. B. Sutherland                                      | Port Arthur, Ont.                                | Capt. Hemens.  |
| 121755                                    | Ankle Deep  | Vancouver, B.C.                                  | Ethola.  |
| 141591                                    | Arthur Morgan   | Montreal, Que.                                   | Arthur.  |
| 101261                                    | Cape Diamond  | Montreal, Que.                                   | Murray Bay.  |
| 141863                                    | Cape Eternity   | Montreal, Que.                                   | Rochester.   |
| 122466                                    | Cape St. Francis                                      | Montreal, Que.                                   | St. Irenee.  |
| 111964                                    | Cape Trinity  | Picton, Ont.                                     | Syracuse.  |
| 141661                                    | Clinton   | Toronto, Ont.                                    | Viking.  |
|   | Dolphin II  | Prince Rupert, B.C.                              | Dolphin.   |
| 107797                                    | Ethelwyn A. McFadden                                  | St. John, N.B.                                   | Domain.  |
| 138139                                    | Gilly   | Quebec, Que.                                     | B. et T.   |
| 137983                                    | Gray Bird   | Kingston, Ont.                                   | Captain Visger.                                      |
| 122367                                    | Honeymoon   | Vancouver, B.C.                                  | Beaver.  |
| 141664                                    | Huronion  | Toronto, Ont.                                    | Huron.   |
| 131146                                    | Illini  | Vancouver, B.C.                                  | Port Moody.  |
| 141599                                    | Jeannette R   | Montreal, Que.                                   | New Island Wanderer.                                 |
| 134229                                    | Jellicoe  | Montreal, Que.                                   | Osiris II.   |
| 141251                                    | John C. Stoneman                                      | Yarmouth, N.S.                                   | Herman Reessing.                                     |
| 90778                                     | Joseph L. Russell                                     | Toronto, Ont.                                    | Lakeside.  |
| 126860                                    | Juliette C.   | Montreal, Que.                                   | L. Robidoux.   |
| 134112                                    | K. N. No. 7   | Vancouver, B.C.                                  | R. F. No. 5.   |
| 126485                                    | Laurentia   | Montreal, Que.                                   | Lorenca.   |
| 111791                                    | Lord Beatty   | St. John, N.B.                                   | Fred. L. M. Paint.                                   |
| 150315                                    | Malamute  | Prince Rupert, B.C.                              | Pauline.   |
| 94763                                     | Mapleboro   | Owen Sound, Ont.                                 | Seguin.  |
| 116954                                    | Maplebrand  | Sarnia, Ont.                                     | Ionic.   |
| 121784                                    | Maplebrook  | Ottawa, Ont.                                     | Bickerdike.  |
| 141766                                    | Maplecourt  | Montreal, Que.                                   | Northwest.   |
| 141589                                    | Mapleglen   | Montreal, Que.                                   | Wyoming.   |
| 111969                                    | Maplegorge  | Picton, Ont.                                     | Fairfax.   |
| 141588                                    | Maplegrange   | Montreal, Que.                                   | Maplehill.   |
| 134350                                    | Maplegreen  | Montreal, Que.                                   | Omaha.   |
| 141752                                    | Maplegulf   | Montreal, Que.                                   | Pawnee.  |
| 129767                                    | Mapleheath  | Kingston, Ont.                                   | Toiler.  |
| 116764                                    | Maplehill   | Toronto, Ont.                                    | Haddington.  |
| 138230                                    | Maplehurst  | Montreal, Que.                                   | Cadillac.  |
| 90882                                     | Marion Phyllis  | Canso, N.S.                                      | Will o' the Wisp.                                    |
| 131147                                    | Marfish   | Vancouver, B.C.                                  | Thomas Crosby.                                       |
| 150311                                    | N. M. R. No. 1  | Prince Rupert, B.C.                              | Niagara.   |
| 141721                                    | Nass  | Vancouver, B.C.                                  | San Francisco.                                       |
| 126435                                    | Night Owl   | Vancouver, B.C.                                  | Pulp.  |
| 121673                                    | Osoyoos II  | Vancouver, B.C.                                  | Ariel.   |
| 150259                                    | P.A.C. 22   | Vancouver, B.C.                                  | Erickson Construction Co.<br>No. 1.                  |
| 150260                                    | P.A.C. 23   | Vancouver, B.C.                                  | Erickson Construction Co.<br>No. 2.                  |
| 150261                                    | P.A.C. 24   | Vancouver, B.C.                                  | A.   |
|   | Royaume   | Montreal, Que.                                   | Algona.  |
| 126455                                    | Sault St. Louis                                       | Sorel, Que.                                      | Zephir P.  |
| 141767                                    | Sapin   | Montreal, Que.                                   | Vega.  |
| 141280                                    | Scrub   | Prince Rupert, B.C.                              | Vienna.  |
| 141434                                    | Thomas Crosby   | Vancouver, B.C.                                  | Giffordtine.   |



## SESSIONAL PAPER No. 22

LIST of ships registered in Canada fitted with radiotelegraph apparatus showing the call signals allotted to each.

| Name of Vessel.          | Signal.  | Name of Vessel.        | Signal.  |
|--------------------------|----------|------------------------|----------|
| A. F. McKinstry.....     | C.J.E.   | Dollard.....           | V.D.O.   |
| Aberdeen.....            | V.D.G.   | Druid.....             | V.D.H.   |
| Acadia.....              | V.D.T.   | E. B. Osler.....       | C.K.E.   |
| Alberta.....             | V.F.Q.   | E. D. Kingsley.....    | X.W.L.   |
| Aléi.....                | V.G.L.P. | Emperor.....           | C.K.F.   |
| Algerine.....            | X.V.Q.   | Empire.....            | V.F.P.   |
| Aranmore.....            | V.D.Q.   | Empress of Asia.....   | C.J.I.   |
| Arlex.....               | C.F.L.   | Empress of Japan.....  | C.J.G.   |
| Armentieres.....         | C.F.M.   | Empress of Russia..... | C.J.H.   |
| Arras.....               | C.F.O.   | Estevan.....           | V.D.N.   |
| Assiniboia.....          | V.G.I.   | Eunice B.....          | V.G.F.S. |
| Athabasca.....           | V.G.G.   | Eva R.....             | V.G.N.P. |
| Baffin.....              | X.V.W.   | G. R. Crowe.....       | V.E.T.   |
| Bayfield.....            | C.F.A.   | Garden City.....       | V.E.I.   |
| Belchers.....            | X.V.G.   | Glenfinnan.....        | V.B.L.   |
| Bessie Dollar.....       | V.F.O.   | Glenisla.....          | C.K.B.   |
| Blossom Heath.....       | C.J.O.   | Glenlyon.....          | V.B.J.   |
| Camosun.....             | V.F.Z.   | Glenmavis.....         | C.J.L.   |
| Canada.....              | V.D.C.   | Glenorchy.....         | X.V.B.   |
| Canadian Adventurer..... | X.W.D.   | Glenushee.....         | V.E.W.   |
| Canadian Aviator.....    | X.W.G.   | Givenchy.....          | C.F.M.   |
| Canadian Beaver.....     | X.W.Y.   | Gulnare.....           | V.B.Z.   |
| Canadian Carrier.....    | V.G.K.M. | Guiana.....            | C.J.J.   |
| Canadian Conqueror.....  | V.G.L.X. | Hamonic.....           | V.G.D.   |
| Canadian Exporter.....   | X.W.R.   | Harold Dollar.....     | V.C.Y.   |
| Canadian Farmer.....     | X.W.X.   | Harrison.....          | V.F.Y.   |
| Canadian Gunner.....     | X.W.E.   | Hochelaga.....         | V.B.V.   |
| Canadian Highlander..... | V.G.D.C. | Hochelaga.....         | C.H.R.   |
| Canadian Hunter.....     | V.G.B.X. | Huronic.....           | V.G.E.   |
| Canadian Importer.....   | X.W.Q.   | Imperoyal.....         | V.G.M.   |
| Canadian Inventor.....   | X.W.T.   | Impoco.....            | Z.E.U.   |
| Canadian Mariner.....    | V.G.R.F. | Iocolite.....          | V.B.S.   |
| Canadian Miller.....     | X.V.Z.   | Imperia.....           | V.A.M.   |
| Canadian Miner.....      | X.W.V.   | Iver Heath.....        | X.W.B.   |
| Canadian Navigator.....  | X.W.J.   | J. A. McKee.....       | C.H.X.   |
| Canadian Observer.....   | V.G.L.B. | J. H. G. Haggarty..... | C.K.G.   |
| Canadian Otter.....      | V.G.L.F. | Julius Kessler.....    | V.G.B.S. |
| Canadian Pioneer.....    | C.K.T.   | Keewatin.....          | V.G.C.   |
| Canadian Planter.....    | X.W.P.   | Kingston.....          | V.E.C.   |
| Canadian Prospector..... | X.W.U.   | Kiora.....             | V.G.C.K. |
| Canadian Rancher.....    | X.W.O.   | Korona.....            | C.J.P.   |
| Canadian Ranger.....     | X.V.F.   | La Canadienne.....     | X.W.S.   |
| Canadian Recruit.....    | X.V.K.   | Lady Evelyn.....       | V.D.X.   |
| Canadian Raider.....     | X.W.N.   | Lady Grey.....         | V.D.L.   |
| Canadian Rover.....      | V.G.D.Z. | Lady Laurier.....      | V.D.F.   |
| Canadian Runner.....     | V.G.D.T. | Laketon.....           | C.H.O.   |
| Canadian Sailor.....     | X.V.R.   | Laurentian.....        | C.F.C.   |
| Canadian Sapper.....     | V.G.R.K. | Lingan.....            | C.H.Q.   |
| Canadian Sealer.....     | X.W.K.   | Loos.....              | C.F.Q.   |
| Canadian Seigneur.....   | X.V.S.   | Loid Dufferin.....     | C.J.Q.   |
| Canadian Settler.....    | X.W.I.   | Lord Ormonde.....      | V.G.L.R. |
| Canadian Signaller.....  | X.V.U.   | Lord Stratheona.....   | V.F.X.   |
| Canadian Sower.....      | X.W.H.   | Lorne.....             | C.J.C.   |
| Canadian Spinner.....    | X.W.M.   | Lucknow.....           | X.V.D.   |
| Canadian Squatter.....   | V.G.J.T. | Macassa.....           | V.E.K.   |
| Canadian Trader.....     | X.V.P.   | Malaspina.....         | V.D.U.   |
| Canadian Trapper.....    | V.G.N.C. | Manitoba.....          | V.G.H.   |
| Canadian Traveller.....  | V.G.R.C. | Maplecourt.....        | V.G.F.B. |
| Canadian Trooper.....    | X.V.N.   | Mapledawn.....         | V.G.D.N. |
| Canadian Victor.....     | V.G.B.P. | Mapledene.....         | V.G.D.J. |
| Canadian Volunteer.....  | X.V.M.   | Margaret.....          | V.D.W.   |
| Canadian Voyageur.....   | C.K.S.   | Margaret Coughlan..... | V.G.C.D. |
| Canadian Warrior.....    | X.V.A.   | Mariska.....           | X.V.L.   |
| Canadian Winner.....     | V.G.D.B. | Martian.....           | C.K.H.   |
| Canora.....              | C.K.D.   | Melville Dollar.....   | V.E.E.   |
| Cartier.....             | C.F.B.   | Midland King.....      | C.K.I.   |
| Cayuga.....              | V.E.L.   | Midland Prince.....    | C.K.J.   |
| Charlton.....            | V.E.X.   | Mina Brae.....         | V.A.P.   |
| Chelohsin.....           | V.G.N.   | Modjeska.....          | C.H.U.   |
| Chicora.....             | V.E.J.   | Montcalm.....          | V.D.J.   |
| Chippewa.....            | V.E.H.   | Monteagle.....         | C.J.V.   |
| City of Vancouver.....   | V.G.B.D. | Montreal.....          | V.C.W.   |
| City of Victoria.....    | V.G.N.T. |                        |          |
| Collingwood.....         | C.K.P.   |                        |          |
| Corona.....              | V.E.B.   |                        |          |
| Cote Nord.....           | X.W.Z.   |                        |          |
| Dalhousie City.....      | V.E.A.   |                        |          |

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LIST of ships registered in Canada fitted with radiotelegraph apparatus showing the call signals allotted to each.

| Name of Vessel            | Signal   | Name of Vessel          | Signal   |
|---------------------------|----------|-------------------------|----------|
| Musquash.....             | C.J.Z.   | Renvoye.....            | C.J.Y.   |
| Newington.....            | V.D.P.   | Riverton.....           | V.B.I.   |
| Nowona.....               | C.J.W.   | Royalite.....           | V.B.Q.   |
| Noronic.....              | V.G.W.   | Sable I.....            | X.V.V.   |
| Northumberland.....       | V.G.D.L. | Saguenay.....           | V.B.P.   |
| Ontario No. 1.....        | V.G.U.   | Sarnian.....            | V.G.J.C. |
| Ontario No. 2.....        | V.E.R.   | Sarnolite.....          | V.B.R.   |
| Paipoonge.....            | V.G.B.J. | Saskatoon.....          | V.G.C.P. |
| Parima.....               | C.J.X.   | Schoolcraft.....        | V.A.U.   |
| Pinta.....                | C.J.S.   | Sheba.....              | V.D.Z.   |
| Prince Albert.....        | V.F.L.   | Stadacona.....          | V.B.U.   |
| Prince Arthur.....        | V.G.J.   | Stanley.....            | V.D.E.   |
| Prince Edward Island..... | V.B.Y.   | Syracuse.....           | V.E.F.   |
| Prince George.....        | V.G.K.   | Talaralite.....         | C.J.K.   |
| Prince John.....          | V.F.M.   | Tees.....               | V.F.K.   |
| Princess Adelaide.....    | V.F.A.   | Thiepval.....           | C.E.P.   |
| Princess Alice.....       | V.F.D.   | Thomas J. Drummond..... | C.H.Y.   |
| Princess Beatrice.....    | V.F.C.   | Toronto.....            | V.E.D.   |
| Princess Charlotte.....   | V.F.E.   | Turret Cape.....        | C.H.V.   |
| Princess Ena.....         | V.F.J.   | Turret Court.....       | C.H.Z.   |
| Princess Maquinna.....    | V.G.T.   | Turret Crown.....       | X.V.X.   |
| Princess Mary.....        | V.F.B.   | Vaudreuil.....          | X.V.Y.   |
| Princess May.....         | V.F.H.   | Valcartier.....         | X.W.W.   |
| Princess Patricia.....    | V.G.Z.   | Venture.....            | V.G.X.   |
| Princess Royal.....       | V.F.G.   | Virginian.....          | M.G.N.   |
| Quebec.....               | X.V.E.   | Volunda.....            | V.G.C.S. |
| R. J. Skinner.....        | V.G.J.R. | W. D. Matthews.....     | C.K.K.   |
| Rapids King.....          | V.E.G.   | W. Grant Morden.....    | C.K.L.   |
| Reginald.....             | V.E.Y.   | Watuka.....             | C.K.U.   |
| Reginolite.....           | C.H.W.   | Westmount.....          | X.V.I.   |
| Reliance.....             | V.G.K.J. | Wetherfield.....        | C.H.P.   |

## SUPPLEMENT

TO THE

FIFTY-THIRD ANNUAL REPORT OF THE DEPARTMENT OF  
MARINE AND FISHERIES FOR THE FISCAL  
YEAR 1919-20. (MARINE.)

# STEAMBOAT INSPECTION REPORT

*PRINTED BY ORDER OF PARLIAMENT*

## ERRATA.

- Page 12, 3rd line should read 31 mars 1920.  
“ 12, 14th line should read 31 mars 1920.  
“ 118, date of heading should read March 31, 1920, English; 31 mars  
1920, French.

*IMPRIMÉ PAR ORDRE DU PARLEMENT*



OTTAWA  
F. A. ACLAND  
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY  
1921

11 GEORGE V, A. 1921

LIST of ships registered in Canada fitted with radiotelegraph apparatus showing the call signals allotted to each.

| Name of Vessel            | Signal   | Name of Vessel   | Signal   |
|---------------------------|----------|------------------|----------|
| Musquash.....             | C.J.Z.   | Renvolve.....    | C.J.Y.   |
| Newington.....            | V.D.P.   | Riverton.....    | V.B.I.   |
| Newona.....               | C.J.W.   | Royalite.....    | V.B.Q.   |
| Noronic.....              | V.G.W.   | Sable I.....     | X.V.V.   |
| Northumberland.....       | V.G.D.L. | Saguenay.....    | V.B.P.   |
| Ontario No. 1.....        | V.G.U.   | Sarnian.....     | V.G.J.C. |
| Ontario No. 2.....        | V.E.R.   | Sarnolite.....   | V.B.R.   |
| Paipoonge.....            | V.G.B.J. | Saskatoon.....   | V.G.C.P. |
| Parima.....               | C.J.X.   | Schoolcraft..... | V.A.U.   |
| Pinta.....                | C.J.S.   | Sheba.....       | V.D.Z.   |
| Prince Albert.....        | V.F.L.   | Stadacona.....   | V.B.U.   |
| Prince Arthur.....        | V.G.J.   | Stanley.....     | V.D.E.   |
| Prince Edward Island..... | V.B.Y.   | Syracuse.....    | V.E.F.   |
|                           | V.C.F.   | Talaralite.....  | C.J.K.   |
|                           |          | Tees.....        | V.F.K.   |

# SUPPLEMENT

TO THE

FIFTY-THIRD ANNUAL REPORT OF THE DEPARTMENT OF  
MARINE AND FISHERIES FOR THE FISCAL  
YEAR 1919-20. (MARINE.)

# STEAMBOAT INSPECTION REPORT

*PRINTED BY ORDER OF PARLIAMENT*

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# SUPLÉMENT

AU CINQUANTE-TROISIÈME RAPPORT ANNUEL DU MINISTÈRE  
DE LA MARINE ET DES PÊCHERIES POUR  
L'EXERCICE 1919-20. (MARINE.)

RAPPORT

SUR

L'INSPECTION DES BATEAUX A VAPEUR

*IMPRIMÉ PAR ORDRE DU PARLEMENT*



OTTAWA  
F. A. ACLAND  
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY  
1921

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OTTAWA, Dec. 1921.

Hon. C. C. BALLANTYNE,  
Minister of Marine and Fisheries.

SIR,—I have the honour to submit the Supplement to the Fifty-third Annual Report of the Department of Marine and Fisheries (Marine Branch) for the fiscal year 1919-20, being the Report of the Chairman of the Board of Steamboat Inspectors.

I have the honour to be, sir,  
Your obedient servant,

A. JOHNSTON,  
*Deputy Minister of Marine and Fisheries.*



OTTAWA, Déc. 1921.

HON. C. C. BALLANTYNE,

Ministre de la Marine et des Pêcheries.

MONSIEUR,—J'ai l'honneur de vous soumettre le rapport du président du Bureau d'inspection des bateaux à vapeur, publié en supplément au cinquante-troisième rapport annuel du ministère de la Marine et des Pêcheries (Direction de la Marine marchande) pour l'exercice financier 1919-20.

J'ai l'honneur d'être, monsieur,

Votre obéissant serviteur,

A. JOHNSTON,

*Sous-ministre de la Marine et des Pêcheries.*



**BOARD OF STEAMBOAT INSPECTION.**

OTTAWA, August 8th, 1921.

To the Deputy Minister of  
Marine and Fisheries,  
Ottawa, Ont.

SIR,—I have the honour to submit as follows, the annual report of Steamboat Inspection Service, for the fiscal year ended March 31st, 1920.

**STAFF**

I have to report the retirement at his own request of Mr. William Evans, Inspector of Hulls and Equipment at the Port of Toronto. Mr. Evans joined the Service in the year 1895.

**BOARD MEETINGS.**

A number of Board Meetings were held during the year, these being chiefly for the purpose of dealing with questions arising out of the administration of the regulations governing steamboat inspection, and for the approval of certain life saving equipment.

**CASUALTIES.**

The following are the casualties reported from the several divisions during the year ended March 31st, 1920.

**HALIFAX DIVISION.**

On April 5th, 1919, while off Cape Spear, Newfoundland, one of the boilers of the *Cape Breton* exploded. Four lives were lost.

On June 6th, 1919, the ss. *Bedeque* ran ashore on Jengine's island and became a total loss. No lives lost.

On October 9th, 1919, the ss. *Merrimac* was jammed against a wharf in Halifax Harbour. Total loss. No lives lost.

On January 11th, 1920, the ss. *Merle C.* sank off Grenville, N.S. Total loss. No lives lost.

In March, 1920, the ss. *Jutland* carrying a crew of ten men left Liverpool, N.S., for fishing grounds. No report since.

On March 10th, 1920, the ss. *Cape Breton* ran ashore in a gale on Scatarie, Cape Breton. Total loss. No lives lost.

On March 10th, 1920, the ss. *Albatross ex C. D. 30* ran ashore on Egg island off the Nova Scotia coast. Total loss. No lives lost.

**ST. JOHN DIVISION.**

On October 24th, 1919, the ss. *Majestic* stranded on a mud bank near Cole's island, St. John river. Ship refloated. No damage sustained. No lives lost.

On December 9th, 1919, the ss. *Connors Bros.* while lying at Thorne's wharf, was struck by the ferry *Governor Carleton*. No lives lost.

11 GEORGE V, A. 1921

## QUEBEC DIVISION.

On May 21st, 1919, the dredge *Beaujeu* while lying at anchor at Crane island, was rammed by the ss. *War Beryl* and was considerably damaged. Ship has since been repaired.

On June 26th, 1919, the ss. *Champion* collided with the ss. *Corcoran* in, Quebec harbour. Both ships slightly damaged.

On August 22nd, the ss. *Captain Dan* struck the pier at the entrance of St. Charles river, Quebec harbour, and sank. Ship was floated and beached, at Hadlow cove. One life was lost.

On October 27th, 1919, the ss. *J. H. Hackett* collided with the ss. *Rimouski* at Cap Rouge. No lives lost.

On March 6th, 1920, the ss. *Marion W.* while lying in winter quarters in Louise basin, Quebec, was partly destroyed by fire. No lives lost.

## SOREL DIVISION

On November 20th, 1919, while laid up at the Port of Sorel the ss. *Rival* sprang a leak, and sank. Ship a total loss. No lives lost.

## MONTREAL DIVISION

No casualties.

## KINGSTON DIVISION

On June 19th, 1919, the ss. *Atikokan* while lying at Kingston dock had part of manhole door of boiler blown off. Four lives were lost.

On August 27th, 1919, the ss. *Cabotia* ran ashore on the Main Ducks island, lake Ontario. Ship abandoned. No lives lost.

## TORONTO DIVISION

On August 8th, 1919, the ss. *Muriel* struck a sunken crib off Port Weller, lake Ontario, and sank, the seas breaking her in two. Total loss.

On October 28th, 1919, the ss. *Homer Warren* when off Sodus, lake Ontario, encountered a windstorm and foundered with all hands on board.

## COLLINGWOOD DIVISION

No casualties.

## PORT ARTHUR DIVISION.

On August 8th, 1919, the ss. *Landbo* sprang a leak crossing Thunder bay and foundered. No loss of life.

On December 26th, 1919, the ss. *A. B. Commee* had her upper works destroyed by fire. Cause unknown.

## EDMONTON DIVISION.

No casualties.

## VANCOUVER DIVISION.

On June 28th, 1919, the ss. *Tartar* while on a voyage from Union bay to New Westminster grounded on a snag in the Fraser river channel and capsized. Ship raised and repaired at Vancouver. No lives lost.

## SESSIONAL PAPER No. 23

On August 27th, 1919, while the ss. *Merville Dollar* was on a voyage from Manila to Shanghai, the main steam pipe burst. Investigation held by the Board of Steamship Inspection. Six lives lost.

On January 4th, 1920, the ss. *Teco* caught fire in the upper part of the engine room. Repairs made and ship since in commission.

## VICTORIA DIVISION.

On August 6th, 1919, the ss. *Princess Ena* struck Ripple rock, Seymour narrows, and was beached at Plumper bay to prevent her sinking. Ship was salvaged and taken to Victoria for repairs. No lives lost.

On August 31st, 1919, the ss. *B. X.* was wrecked near Woodpecker island, Upper Fraser river, afterwards becoming a total wreck. No lives lost.

On January 23rd, 1920, the ss. *Prince Albert* struck bottom crossing the Masset Inner bar. The ship made Victoria where she was repaired.

On March 30th, 1920, the ss. *Prince Albert* collided with the ss. *Prince John* in Skidegate inlet. The *Prince John* was beached to save her. The *Prince Albert* proceeded to Prince Rupert where temporary repairs were carried out. No lives lost.

I have the honour to be, Sir,

Your obedient servant,

FRANK McDONNELL,  
*Chairman.*

11 GEORGE V, A. 1921

STEAMBOAT INSPECTION Staff for the Dominion of Canada during the fiscal  
Year ended March 31, 1920.

## INSPECTORS OF BOILERS AND MACHINERY.

| Name of Inspector.  | Headquarters.         | Division.                 |
|---------------------|-----------------------|---------------------------|
| N. A. Currie.....   | Halifax, N.S.....     | Nova Scotia.              |
| D. J. Murray .....  | "                     | "                         |
| C. E. Dalton.....   | St. John, N.B.....    | New Brunswick and P.E.I.  |
| J. A. Sainson.....  | Quebec, P. Q.....     | Quebec.                   |
| F. X. Hamelin.....  | Sorel, P. Q.....      | Sorel.                    |
| J. E. Lunan.....    | Montreal, P. Q.....   | Montreal.                 |
| J. T. Gardham.....  | "                     | "                         |
| T. P. Thompson..... | Kingston, Ont.....    | Eastern Ontario.          |
| J. Dodds.....       | Toronto, Ont.....     | Western Ontario, Toronto. |
| J. B. Stewart.....  | "                     | "                         |
| G. M. Arnold.....   | "                     | "                         |
| P. W. Lyon.....     | Collingwood, Ont..... | Collingwood.              |

## INSPECTORS OF HULLS AND EQUIPMENT.

|                          |                       |                           |
|--------------------------|-----------------------|---------------------------|
| A. McDougall.....        | Halifax, N.S.....     | Nova Scotia.              |
| I. J. Olive.....         | St. John, N.B.....    | New Brunswick and P.E.I.  |
| Capt. W. R. Bennett..... | "                     | "                         |
| P. Duclos.....           | Quebec, P. Q.....     | Quebec.                   |
| M. R. Davis.....         | Kingston, Ont.....    | Eastern Ontario.          |
| (1) W. Evans.....        | Toronto, Ont.....     | Western Ontario, Toronto. |
| S. D. Andrews.....       | Collingwood, Ont..... | Collingwood.              |

## INSPECTORS ACTING IN DUAL CAPACITY.

|                     |                          |                                  |
|---------------------|--------------------------|----------------------------------|
| W. J. Vigers.....   | Port Arthur, Ont.....    | Western Ontario, Port Arthur.    |
| J. T. Mathews.....  | Edmonton, Alta .....     | Saskatchewan, Alberta and N.W.T. |
| H. G. Robinson..... | Vancouver, B.C.....      | British Columbia.                |
| W. J. Cullum.....   | Victoria, B.C.....       | "                                |
| B. Mantrop.....     | "                        | "                                |
| A. Farrow.....      | Prince Rupert, B.C. .... | Prince Rupert and Yukon.         |

## INSPECTORS OF SHIPS TACKLE.

|                     |                 |  |
|---------------------|-----------------|--|
| D. J. Murray.....   | Halifax, N.S.   |  |
| J. M. Martin.....   | St. John, N.B.  |  |
| (2) E. D. Ring..... | "               |  |
| A. Duval.....       | Montreal, P. Q. |  |

(1) Resigned December 31st, 1919.

(2) The services of Mr. Ring, whose appointment was a temporary one, were dispensed with on September 30, 1919, as Mr. Martin, who had been overseas, returned to duty.

SESSIONAL PAPER No. 23

TABLE showing the number of Inspections made, Fees collected, etc., during the Year ending March 31, 1920.

| DIVISION.      | Number of Inspections made, with Gross Tonnage of Vessels Inspected |                | Number of Vessels not Inspected with Gross Tonnage. |                | Total number of Vessels subject to Inspection when in Commission, with Gross Tonnage. |                | Number of vessels added to the Dominion with Gross Tonnage. |                | Number of Vessels Lost, Broken Up or Destroyed, with Gross Tonnage. |                | Fees collected by Inspectors. |          | On account of Examinations of Engineers. |      |
|----------------|---|----------------|---|----------------|---|----------------|---|----------------|---|----------------|-------------------------------|----------|--|------|
|                | No.   | Gross Tonnage. | No.   | Gross Tonnage. | No.   | Gross Tonnage. | No.   | Gross Tonnage. | No.   | Gross Tonnage. | On account of Inspections.    |          | On account of Examinations of Engineers. |      |
|                |   |                |   |                |   |                |   |                |   |                | \$                            | cts.     | \$                                       | cts. |
| Halifax        | 160   | 76,841.40      | 28  | 3,679.56       | 202   | 111,357.56     | 11  | 15,604.58      | 6   | 2,621.90       | 1,836.56                      | 245.00   |  |      |
| S.C. John      | 108   | 48,309.35      | 42  | 9,352.00       | 154   | 68,724.91      | 5   | 1,542.23       | 3   | 197.64         |                               | 59.00    |  |      |
| Quebec         | 100   | 28,748.00      | 9   | 644.00         | 111   | 29,896.00      | 1   | 115.00         | 1   | 17.71          | 44.88                         | 112.00   |  |      |
| Sorel          | 84  | 43,053.73      | 3   | 9,801.14       | 124   | 52,854.87      | 8   | 8,175.00       | 3   | 559.89         |                               | 119.00   |  |      |
| Montreal       | 169   | 73,323.00      | 2   | 3,529.00       | 250   | 91,133.00      | 7   | 27,870.00      | 7   | 5,882.00       | 147.04                        | 169.00   |  |      |
| Kingston       | 97  | 39,695.00      | 11  | 9,676.00       | 146   | 53,241.00      | 4   | 3,121.00       | 8   | 1,945.00       |                               | 92.00    |  |      |
| Toronto        | 280   | 263,857.00     | 36  | 30,373.00      | 391   | 304,942.00     | 19  | 30,460.00      | 22  | 5,984.00       | 138.40                        | 145.00   |  |      |
| Collingwood    | 82  | 33,222.00      | 1   | 1,846.00       | 95  | 35,068.00      | 8   | 10,013.00      | 2   | 337.00         |                               | 72.00    |  |      |
| Port Arthur    | 65  | 32,792.00      | 1   | 681.00         | 138   | 40,411.00      | 8   | 11,868.00      | 4   | 434.60         |                               | 37.00    |  |      |
| Edmonton       | 37  | 8,162.83       | 14  | 1,135.19       | 71  | 9,298.02       | 1   | 112.76         | 6   | 872.03         |                               | 25.00    |  |      |
| Vancouver      | 211   | 110,381.12     | 44  | 35,617.46      | 259   | 192,146.52     | 14  | 33,443.57      | 1   | 1,408.45       |                               | 173.00   |  |      |
| Victoria       | 122   | 61,975.50      | 39  | 10,218.16      | 185   | 99,554.74      | 3   | 1,043.06       | 7   | 1,201.79       | 752.00                        | 293.00   |  |      |
| *Prince Rupert |   |                |   |                |   |                |   |                |   |                |                               |          |  |      |
| Totals         | 1,554   | 826,341.13     | 474   | 108,314.51     | 2,126   | 1,088,627.62   | 89  | 143,268.20     | 70  | 21,491.41      | 2,918.88                      | 1,541.00 |  |      |

\*Division now administered from Vancouver.

## BUREAU D'INSPECTION DES BATEAUX À VAPEUR.

OTTAWA, le 8 août, 1921.

Au sous-ministre de la  
Marine et des Pêcheries,  
Ottawa, Ont.

Monsieur.—J'ai l'honneur de vous soumettre le rapport annuel du service chargé de l'inspection des bateaux à vapeur et ce, pour l'année financière terminée le 31 mars 1921.

### PERSONNEL

Je dois faire rapport qu'à sa demande, M. William Evans, inspecteur des coques et équipement au port de Toronto a quitté le service; M. Evans était titulaire de son emploi depuis l'année 1895.

### ASSEMBLÉES DU BUREAU

Au cours de l'année on a tenu un certain nombre d'assemblées principalement dans le but de s'occuper des questions concernant l'administration du service en conformité des règlements qui gouvernent l'inspection des bateaux à vapeur et aussi afin d'approuver certains dispositifs de l'équipement de sauvetage.

### ACCIDENTS

Ci-après, nous signalons les accidents survenus, dont le rapport a été fait par le personnel des nombreuses divisions que comporte notre service, et ce, au cours de l'année terminée le 31 mars 1921.

#### DIVISION D'HALIFAX

Le 5 avril 1919, une des chaudières du *Cape Breton* fit explosion alors qu'il se trouvait en face du Cap Spear, Terre-Neuve. Quatre pertes de vies.

Le 6 juin 1919, le vap. *Bedeque* s'échoua sur l'île Jengine. Perte totale du bâtiment. Aucune perte de vie.

Le 9 octobre 1919, le vap. *Merrimac* fut coincé contre le quai dans le havre d'Halifax. Perte totale du bâtiment. Aucune perte de vie.

Le 11 janvier 1920, le vap. *Merle C.* coula à pic au large de Granville, N.-E. Perte totale du bâtiment. Aucune perte de vie.

En mars 1920, le vap. *Jutland* d'un équipage de dix hommes, appareilla de Liverpool, N.-E., à destination de certaines eaux de pêche. Depuis on n'a plus reçu de nouvelles de ce navire.

Le 10 mars 1920, le vap. *Cape Breton* s'échoua dans une bourrasque à Scattarie, Cap-Breton. Perte totale du bâtiment. Aucune perte de vie.

Le 10 mars 1920, le vap. *Albatross* ancien *C. D. 30*, s'échoua sur l'île Egg au large des côtes de la Nouvelle-Ecosse. Perte totale du bâtiment. Aucune perte de vie.



## SESSIONAL PAPER No. 23

## DIVISION DE SAINT-JEAN, N.-B.

Le 24 octobre, 1919, le vap. *Majestic* s'échoua sur un banc de vase près de l'île Cole, fleuve Saint-Jean. A été renfloué. N'a pas subi d'avaries. Aucune perte de vie.

Le 9 décembre 1919, le vap. *Connors Bros.*, qui était amarré au quai Thorne, fut abordé par le ferry-boat *Governor Carleton*. Aucune perte de vie.

## DIVISION DE QUÉBEC

Le 21 mai 1919, la drague *Beaujeu* qui se trouvait à l'ancre à l'île-aux-Grues, fut abordée par le vap. *War Beryl* et subit de grandes avaries. Depuis ce bâtiment a été réparé.

Le 26 juin 1919, le vap. *Champion* entra en collision avec le vap. *Corcoran* dans le havre de Québec. Les deux bâtiments reçurent de légères avaries.

Le 22 août le vap. *Captain Dan*, se jeta sur le môle qui se trouve au confluent de la rivière Saint-Charles, havre de Québec et coula à pic. Ce bâtiment a été renfloué et mis à la côte dans l'anse Hadlow. Une perte de vie.

Le 27 octobre 1919, le vap. *J. H. Hackett*, entra en collision au Cap Rouge avec le vap. *Rimouski*. Aucune perte de vie.

Le 6 mars 1920, le vap. *Marion W.* fut en partie détruit par le feu alors qu'il était immobilisé dans ses quartiers d'hiver dans le bassin Louise, Québec. Aucune perte de vie.

## DIVISION DE SOREL

Le 20 novembre 1919, pendant qu'il se trouvait désarmé au port de Sorel, le vap. *Rival* sombra par suite d'une voie d'eau qui s'était déclarée à son bord. Perte total du bâtiment. Aucune perte de vie.

## DIVISION DE MONTRÉAL

Aucun accident.

## DIVISION DE KINGSTON

Le 19 juin 1919, le vap. *Atikokan* se trouvant dans le bassin à Kingston, perdit une partie de la porte du trou d'homme à la suite d'une explosion de chaudière. Quatre pertes de vies.

Le 27 août 1919, le vap. *Cabotia* s'échoua sur l'île Main Ducks, lac Ontario. Bâtiment abandonné. Aucune perte de vie.

## DIVISION DE TORONTO

Le 8 août, 1919, le vap. *Muriel* se jeta sur un crib immergé au large de Port Welland, lac Ontario. Ce navire coula sur place et fut par la suite brisé en deux par les flots. Perte totale du bâtiment.

Le 27 octobre, 1919, le vap. *Homer Warren* fut surpris par un fort coup de vent et sombra alors qu'il se trouvait au large de Sodus, lac Ontario. Perte totale de l'équipage.

## DIVISION DE COLLINGWOOD

Aucun accident.

## DIVISION DE VANCOUVER

Le 28 juin 1919, le vap. *Tartar*, qui se rendait vers la baie Union à New-Westminster, aborda dans le chenal du fleuve Fraser, une pièce de bois immergée et chavira. Ce bâtiment fut renfloué par la suite et réparé à Vancouver. Aucune perte de vie.

11 GEORGE V, A. 1921

Le 27 août 1919, pendant que le vap. *Melville Dollar* se rendait de Manille à Shanghai, son tuyau principal de vapeur éclata. Enquête tenue par le bureau d'inspection des bateaux à vapeur. Six pertes de vies.

Le 4 janvier 1920, le feu se déclara dans la partie supérieure de la chambre des machines du vap. *Teco*. Depuis, ce vapeur a été réparé et armé de nouveau.

## DIVISION DE VICTORIA

Le 6 août 1919, le vap. *Princess Ena* ayant touché la roche Ripple, passage Seymour, fut jeté à la côte dans la baie Plumper afin de l'empêcher de couler. Ce bâtiment fut ainsi sauvé et par la suite conduit à Victoria pour y être réparé. Aucune perte de vie.

Le 31 août 1919, le vap. *B. X.* fit naufrage près de l'île Woodpecker, dans la partie supérieure du fleuve Fraser. Perte totale du bâtiment par la suite. Aucune perte de vie.

Le 23 janvier 1920, le *Prince Albert* toucha le fond alors qu'il traversait la barre intérieure de Masset. Ce bâtiment put gagner Victoria où il fut réparé.

Le 30 mars 1920, le vap. *Prince Albert*, entra en collision avec le vap. *Prince John* dans Skidegate inlet. On dut jeter le *Prince John* à la côte pour éviter sa perte. Quant au *Prince Albert*, il put se rendre à Prince Rupert où on le répara temporairement.

J'ai l'honneur d'être, Monsieur,

Votre obéissant serviteur,

FRANK McDONNELL,  
*président.*

## SESSIONAL PAPER No. 23

PERSONNEL employé par le gouvernement de la Puissance du Canada, pour l'inspection des bateaux à vapeur, au cours de l'exercice financier terminé le 31 mars 1920.

## INSPECTEURS DES CHAUDIÈRES ET MACHINES.

| Noms des inspecteurs. | Bureaux principaux.   | Divisions.                   |
|-----------------------|-----------------------|------------------------------|
| N. A. Currie.....     | Halifax, N.-E.....    | Nouvelle-Ecosse              |
| D. J. Murray.....     | "                     | "                            |
| C. E. Dalton.....     | St-Jean, N.-B.....    | Nouveau-Brunswick et I.P.-E. |
| J. A. Samson.....     | Québec, P.Q.....      | Québec.                      |
| F. X. Hamelin.....    | Sorel, P.Q.....       | Sorel.                       |
| J. E. Lunan.....      | Montréal, Qué.....    | Montréal.                    |
| John T. Gardham.....  | "                     | "                            |
| T. P. Thompson.....   | Kingston, Ont.....    | Est de l'Ontario.            |
| J. Dodds.....         | Toronto, Ont.....     | Ouest de l'Ontario, Toronto. |
| J. B. Stewart.....    | "                     | "                            |
| G. M. Arnold.....     | "                     | "                            |
| P. W. Lyon.....       | Collingwood, Ont..... | Collingwood.                 |

## INSPECTEURS DES COQUES ET ÉQUIPEMENTS.

|                            |                       |                              |
|----------------------------|-----------------------|------------------------------|
| A. McDougall.....          | Halifax, N.-E.....    | Nouvelle-Ecosse              |
| I. J. Olive.....           | St-Jean, N.-B.....    | Nouveau Brunswick et I.P.-E. |
| Capt W. R. Bennett.....    | St-Jean, N.-B.....    | Nouveau-Brunswick et I.P.-E. |
| P. Duclos.....             | Québec, Qué.....      | Québec.                      |
| M. R. Davis.....           | Kingston, Ont.....    | Est de l'Ontario.            |
| <sup>1</sup> W. Evans..... | Toronto, Ont.....     | Ouest de l'Ontario, Toronto. |
| S. D. Andrews.....         | Collingwood, Ont..... | " Collingwood.               |

## INSPECTEURS AGISSANT À DOUBLE TITRE.

|                     |                          |  |
|---------------------|--------------------------|--|
| W. J. Vigers.....   | Port-Arthur, Ont.....    | Ouest de l'Ontario, Port-Arthur et Manitoba. |
| J. T. Mathews.....  | Edmonton, Alta.....      | Saskatchewan, Alberta et T. N.-O.            |
| H. G. Robinson..... | Vancouver, C.-B.....     | Colombie-Britannique.                        |
| W. J. Cullum.....   | Victoria, C.-B.....      | " "  |
| B. Mantrop.....     | "                        | " "  |
| A. Farrow.....      | Prince-Rupert, C.-B..... | Prince-Rupert et Yukon.                      |

## INSPECTEURS DES PALANS.

|                              |                |  |
|------------------------------|----------------|--|
| D. J. Murray.....            | Halifax, N.-E. |  |
| J. M. Martin.....            | St-Jean, N.-B. |  |
| <sup>2</sup> E. D. Ring..... | "              |  |
| A. Duval.....                | Montréal, P.Q. |  |

(1) A démissionné le 31 décembre 1919.

(2) Le 30 septembre 1919 on fut repassé des services de M. Ring, qui n'avait été nommé qu'à titre temporaire, attendu que M. Martin, qui avait servi dans l'année, outre-mer, revenait prendre son poste.

TABLEAU indiquant le nombre des inspections qui ont été faites, les droits perçus, etc., durant l'année terminée le 31 mars 1920.

| DIVISIONS.          | Nombre d'inspections faites et tonnage brut des navires inspectés. |               | Nombre des navires non inspectés, et leur tonnage brut. |               | Nombre total des navires soumis à l'inspection lorsque en service et leur tonnage brut. |               | Nombre des navires agréés à la flotte de la Puissance, et leur tonnage brut. |               | Nombre des navires perdus, démolis ou détruits, et leur tonnage brut. |               | Montants des droits perçus par les inspecteurs. |           |       |    |       |    |
|---------------------|--|---------------|---|---------------|---|---------------|--|---------------|---|---------------|---|-----------|-------|----|-------|----|
|                     | Navires enregistrés ou armés dans la Puissance.                    |               | Navires enregistrés.                                    |               | Non-inspectés.  |               | Non-inspectés.   |               | Non-inspectés.  |               | Pour inspections.                               |           |       |    |       |    |
|                     | Non-bre.   | Tonnage brut. | Non-bre.  | Tonnage brut. | Non-bre.  | Tonnage brut. | Non-bre.   | Tonnage brut. | Non-bre.  | Tonnage brut. | \$  | c.        | \$    | c. |       |    |
| Halifax.....        | 160  | 76,841 40     | 14  | 30,836 60     | 28  | 3,679 56      | 202  | 114,357 56    | 11  | 15,694 58     | 6   | 2,621 90  | 1,836 | 56 | 245   | 00 |
| St-Jean.....        | 108  | 48,309 55     | 4   | 10,863 36     | 42  | 9,532 00      | 154  | 68,734 91     | 5   | 1,542 23      | 3   | 197 61    |       |    | 59    | 00 |
| Québec.....         | 100  | 28,748 00     | 2   | 504 00        | 9   | 644 00        | 111  | 29,896 00     | 1   | 17 71         | 1   | 17 71     | 14    | 88 | 112   | 00 |
| Sorel.....          | 94   | 43,053 73     |   |               | 30  | 9,801 14      | 121  | 52,854 87     | 8   | 8,175 00      | 3   | 559 80    |       |    | 119   | 00 |
| Montréal.....       | 169  | 73,323 00     | 2   | 3,529 00      | 79  | 14,281 00     | 230  | 93,173 00     | 7   | 27,870 00     | 7   | 5,832 80  | 117   | 04 | 169   | 00 |
| Kingston.....       | 97   | 39,695 00     | 11  | 9,676 00      | 38  | 3,870 00      | 146  | 53,241 00     | 4   | 5,124 00      | 8   | 1,945 00  |       |    | 92    | 00 |
| Toronto.....        | 286  | 263,837 00    | 36  | 30,373 00     | 69  | 10,732 00     | 391  | 304,612 00    | 19  | 30,460 00     | 22  | 5,984 00  | 138   | 40 | 145   | 00 |
| Collingwood.....    | 82   | 33,222 00     |   |               | 13  | 1,846 00      | 95   | 35,068 00     | 8   | 10,013 00     | 4   | 337 00    |       |    | 72    | 00 |
| Port Arthur.....    | 58   | 32,792 00     | 1   | 681 00        | 69  | 6,938 00      | 128  | 40,418 00     | 1   | 11,868 00     | 6   | 434 60    |       |    | 37    | 00 |
| Edmonton.....       | 57   | 8,162 83      |   |               | 14  | 1,135 19      | 71   | 192,268 02    | 1   | 112 76        | 1   | 872 03    |       |    | 25    | 00 |
| Vancouver.....      | 211  | 116,381 12    | 4   | 40,147 94     | 44  | 53,617 46     | 259  | 192,246 72    | 14  | 33,343 57     | 1   | 1,468 45  | 752   | 00 | 173   | 00 |
| Victoria.....       | 122  | 61,975 50     | 24  | 27,361 08     | 39  | 10,218 16     | 185  | 99,551 71     | 3   | 1,013 06      | 7   | 1,201 79  |       |    | 293   | 00 |
| *Prince Rupert..... |  |               |   |               |   |               |  |               |   |               |   |           |       |    |       |    |
| Totaux.....         | 1,554  | 826,341 13    | 98  | 153,971 98    | 474   | 108,314 51    | 2,126  | 1,088,627 62  | 89  | 143,268 20    | 70  | 21,491 41 | 2,918 | 88 | 1,544 | 00 |

\* Cette division est maintenant administrée de Vancouver.

## SESSIONAL PAPER No. 23

LIST of abbreviations and French equivalents of technical terms used throughout this report.

LISTE des abréviations anglaises des termes techniques contenus dans ce rapport et vocables français correspondants.

| Abbreviations.<br>Abréviations. | English Equivalent.<br>Signification en anglais. | French Equivalent.<br>Vocables français correspondants. |
|---------------------------------|--|---|
| Allr. tug.....                  | Alligator tug.....                               | Remorqueur alligator.                                   |
| By. Ser.....                    | Buoy service.....                                | Service des bouées.                                     |
| Coastg.....                     | Coasting.....                                    | Cabotage.   |
| C'stwise.....                   | Coastwise.....                                   | Naviguant le long de la côte.                           |
| Car Fy.....                     | Car Ferry.....                                   | Bac pour trains de chemin de fer.                       |
| Comp.....                       | Composite.....                                   | Bâtiment mixte.   |
| Crsr.....                       | Cruiser.....                                     | Croiseur.   |
| Clmshl. Dr.....                 | Clamshell dredge.....                            | Drague à mâchoire «Clamshell».                          |
| Dpr. Dr.....                    | Dipper dredge.....                               | Drague à cuiller.                                       |
| Dr.....                         | Dredge.....                                      | Drague.   |
| Drek.....                       | Derrick.....                                     | Mât de charge.  |
| Drek. Scow.....                 | Derrick scow.....                                | Chaland à mât de charge.                                |
| Drl. Boat.....                  | Drill boat.....                                  | Bateau foret.   |
| Dr. Tndr.....                   | Dredge tender.....                               | Bateau d'annexe de drague.                              |
| Elevr. Dr.....                  | Elevator dredge.....                             | Drague à élévateur.                                     |
| Fltg. Drek.....                 | Floating derrick.....                            | Mât de charge flottant.                                 |
| Fishg. Boat.....                | Fishing boat.....                                | Bateau de pêche.  |
| " tndr.....                     | Fishing tender.....                              | Bateau d'annexe de navire de pêche.                     |
| " tug.....                      | Fishing tug.....                                 | Remorqueur de pêche.                                    |
| Frt.....                        | Freight.....                                     | Fret.   |
| Fy.....                         | Ferry.....                                       | Bac ou ferry boat.                                      |
| Fshy. Pat.....                  | Fishery patrol.....                              | Bateau surveillant les pêcheries.                       |
| " Crsr.....                     | Fishery cruiser.....                             | Croiseur du service des pêcheries.                      |
| Govt. Ser.....                  | Government service.....                          | Service du gouvernement.                                |
| Grn. Elevr.....                 | Grain Elevator.....                              | Élévateur pour céréales.                                |
| Hbr.....                        | Harbour.....                                     | Havre.  |
| Hppr. Bge.....                  | Hopper barge.....                                | Barge porteuse.   |
| —                               | Iron.....  | Fer.  |
| Lghtr.....                      | Lighter.....                                     | Allège.   |
| Lmbr. Bge.....                  | Lumber barge.....                                | Barge portant du bois de construction.                  |
| Lt. ship.....                   | Lightship.....                                   | Bateau-feu.   |
| Lt'house Ser.....               | Lighthouse service.....                          | Service des phares.                                     |
| Pdl.....                        | Paddle.....                                      | Aubes.  |
| Pass.....                       | Passenger.....                                   | Passagers.  |
| Rck. Brkr.....                  | Rock breaker.....                                | Dérocheuse à pilon.                                     |
| Rek. ettr.....                  | Rock cutter.....                                 | Dérocheuse à outil tranchant.                           |
| Sand Sckr.....                  | Sand sucker.....                                 | Drague à succion, pour sable.                           |
| Sen. Dr.....                    | Suction dredge.....                              | Drague à succion.                                       |
| Spn. Dr.....                    | Spoon dredge.....                                | Drague à cuiller.                                       |
| Ser.....                        | Screw.....                                       | Hélice.   |
| Slvge Str.....                  | Salvage steamer.....                             | Vapeur de sauvetage.                                    |
| Stl.....                        | Steel.....                                       | Acier.  |
| Strn Whl.....                   | Stern wheel.....                                 | Roue arrière.   |
| Tndr.....                       | Tender.....                                      | Bateau d'annexe.  |
| —                               | Tug.....   | Remorqueur.   |
| Tw. Ser.....                    | Twin screw.....                                  | Hélices jumelles.                                       |
| Tr. Ser.....                    | Triple screw.....                                | Triples hélices.  |
| Whlr.....                       | Whaler.....                                      | Balemier.   |
| Wckr.....                       | Wrecker.....                                     | Sauvetage des épaves, etc.                              |
| —                               | Wood.....  | Bois.   |
| Ycht.....                       | Yacht.....                                       | Yacht.  |

In column No. 4 of table I, in the case of passenger ships, where the following abbreviations are preceded by a number, this indicates the number of passengers allowed according to conditions under which a voyage is being made:—

Dans le cas des navires transportant des passagers et figurant dans la 4e colonne du tableau I, lorsque l'une quelconque des abréviations suivantes est précédée d'un nombre, celui-ci indique le nombre de passagers que le navire est autorisé à porter, en considérant la nature du voyage qu'il entreprend:—

| Abbreviations.<br>—<br>Abréviations. | English Equivalent.<br>—<br>Signification en anglais. | French Equivalent.<br>—<br>Vocables français correspondants. |
|--------------------------------------|---|--|
| C.....                               | Coasting.....   | Cabotage.  |
| Ex.....                              | Excursion.....  | Excursion.   |
| L.....                               | Lake.....   | Lacs.  |
| R.....                               | River.....  | Fleuves ou rivières.   |
| S.....                               | Summer.....   | Été.   |
| W.....                               | Winter.....   | Hiver.   |

## GEOGRAPHIC TERMS.

## TERMES GÉOGRAPHIQUES

| <i>English—Anglais.</i> | <i>French—Français.</i> |
|-------------------------|-------------------------|
| Ocean.....              | Océan.                  |
| Lake.....               | Lac.                    |
| River.....              | Rivière ou fleuve.      |
| Channel.....            | Chenal.                 |
| Port.....               | Port.                   |
| Harbour.....            | Havre.                  |
| Gulf.....               | Golfe.                  |
| Bay.....                | Baie.                   |
| Strait.....             | Détroit.                |
| Narrows.....            | Passé ou goulet.        |
| Canal.....              | Canal.                  |
| Island.....             | Ile.                    |
| Point.....              | Pointe.                 |
| Cape.....               | Cap.                    |

TABLE I.—Showing steamers inspected throughout Canada during the year ended March 31, 1920.

Names of vessels driven by internal combustion are printed in italics. Inspectors' Initials—(1) Boilers and Machinery; (2) Hulls and Equipment. Tonnage—Gross; registered.

TABLEAU I.—Indiquant les vapeurs inspectés au Canada, durant l'année finissant le 31 mars 1920.

Les noms des navires à propulsion par moteurs à gazoline sont imprimés en italiques. Initiales des inspecteurs—(1) Chaudières et machines; (2) Coques et équipement. Tonnage brut; enregistré.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'enregistrement. | Tonnage.    | Where and When Built—Material.<br>Année et lieu de construction—Nature de la coque. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate Issued—Expire.<br>Certificat: Délivrance—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. en H. P. | Route.                             | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|-------------|---|---|--|---|--|---|------------------------------------|--|
| <b>A</b>  |             |   |   |  |   |  |   |                                    |  |
| A. B. Connee<br>138006 Port Arthur.   | 133<br>61   | 1917 Wood<br>Port Arthur, Ont.  | Tug.  | Port Arthur, Ont.<br>28-6-9                                  | W. J. V.  | 28-6-19<br>28-6-20   | Ser. 32                                       | Lakes and rivers.                  | Can. Towing & Wrecking Co., Port Arthur, Ont.                      |
| A. D. Cross<br>97014 St. Catharines,<br>Ont.  | 47<br>31    | 1897 Wood<br>Port Colborne, Ont.  | Tug.  | Port Colborne, Ont.<br>22-8-19                               | J. B. S.  | 2-9-19<br>22-8-20  | Ser. 10                                       | Welland Canal and Lake Erie.       | John J. Harrigan, Port Dalhousie, Ont.                             |
| A. F. Bowman<br>116385 Port Arthur, Ont   | 113<br>77   | 1906 Wood<br>Collingwood, Ont.  | Tug.  | Port Arthur, Ont.<br>30-7-19                                 | W. J. V.  | 30-7-19<br>30-7-20   | Ser. 52                                       | Thunder Bay.                       | Canadian Towing & Wrecking Co., Port Arthur, Ont.                  |
| <i>A. Laflamme</i><br>133944 Ottawa.  | 24<br>17    | 1914 Wood<br>Calumet, P.Q.  | Pass.   | Calumet, P.Q.<br>24-8-19                                     | I. T. G.<br>P. D.                                   | Not issued.  | Ser. 1  | Calumet and L'Original, P.Q.       | Nap. Labonde, L'Original, P.Q.                                     |
| A. McVittie<br>138491 Montreal.   | 1458<br>945 | 1899 Wood<br>Detroit, U.S.A.  | Freight.                                      | Kingsston, Ont.<br>12-4-19                                   | T. P. T.<br>M. R. D.                                | 18-4-19<br>5-4-20  | Ser. 109                                      | Port William and Fathom Point.     | W. L. McDougall, Montreal, P.Q.                                    |
| A. R. Colburn<br>106071 St. Clair, Mich.  | 251<br>154  | 1882 Wood<br>Sturgateck, Mich.  | Pass.   | St. Clair, Mich.<br>17-4-19                                  | I. D.<br>W. E.                                      | 27-10-19<br>14-7-20  | Ser. 40-7                                     | St. Clair and Courtright           | Douglas Transportation Co., St. Clair, Mich.                       |
| A. R. Helein<br>126632 Vancouver, B.C.  | 331<br>200  | 1909 Wood<br>Adam's Lake, B.C.  | Tug.  | Adam's Lake, B.C.<br>12-5-19                                 | W. J. C.  | Not issued.  | Stern whl.                                    | Adam's Lake                        | Adam's River Lumber Co., Chase, B.C.                               |
| A. Tremblay<br>138262 Quebec, P.Q.  | 254<br>147  | 1916 Wood<br>Matane, P.Q.   | Freight.                                      | Quebec, P.Q.<br>9-4-19                                       | J. A. S.<br>P. D.                                   | 12-4-19<br>12-4-20   | Ser. 24                                       | Montreal and Gulf of St. Lawrence. | Eric Tremblay et Freres, Matane, P.Q.                              |
| Aberdeen<br>100659 Kingston, Ont.   | 13<br>9     | 1894 Wood<br>Westport, Ont.   | Fishing Boat                                  | Deseronto, Ont.<br>5-6-19                                    | T. P. T.<br>T. P. T.                                | 4-9-19<br>1-6-20   | Ser. 1  | Bay of Quinte.                     | Thos. McVain, Deseronto, Ont.                                      |
| Aberdeen<br>103227 Ottawa, Ont.   | 674<br>274  | 1891 Steel<br>Paisley, G.B.   | Govt. service.                                | St. John, N.B.<br>1-11-19                                    | C. E. D.<br>W. R. B.                                | 19-11-19<br>1-11-20  | Ser. 175                                      | Coasting.                          | Minister of Marine and Fisheries, Ottawa, Ont.                     |
| Aberdeen<br>103554 Montreal, P.Q.   | 87<br>55    | 1895 Steel<br>Sorel, P.Q.   | Tug.  | Montreal, P.Q.<br>17-4-19                                    | J. J. G.  | 29-4-19<br>17-4-20   | Ser. 42-6                                     | Montreal Harbour.                  | Harbour Commissioners Montreal, P.Q.                               |
| Avalia<br>138335 Ottawa, Ont.   | 846<br>439  | 1913 Steel<br>Newcastles-on-Tyne.   | Govt. ser.                                    | Halifax, N.S.<br>25-5-19                                     | N. A. C.<br>D. J. M.                                | Not issued.  | Ser. 177                                      | Coasting.                          | Minister of Marine and Fisheries, Ottawa, Ont.                     |
| Achates<br>120075 Vancouver, B.C.   | 209<br>142  | 1908 Wood<br>Vancouver B.C.   | Tug.  | Vancouver, B.C.<br>29-4-19                                   | A. F.   | 10-10-19<br>28-9-20  | Ser. 42-1                                     | Vancouver and coastwise.           | Achates Tow Boat Co., Ltd., Vancouver, B.C.                        |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'enregistrement. | Tonnage.       | Where and When Built—Material.<br>Année et lieu de construction—Matériau de la coque. | Tugs—No. of Pass. Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate: Expires.<br>Certificat: Délivrance—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. ou H. P. | Route.   | Name and Address of Owners.<br>Noms et adresses des propriétaires.               |
|---|----------------|---|---|--|---|---|---|--|--|
| Active.<br>9484 Vancouver, B.C.   | 172            | 1889 Wood<br>New Westminster,<br>B.C.   | Tug.                                      | Vancouver, B.C.<br>27-1-20                                   | A. F.   | 12-2-20<br>26-1-21  | Ser.<br>50                                    | Vancouver and Straits of<br>Georgia and Johnson. | Can. Tug Boat Co., Ltd.  |
| Ada A.<br>75612 Toronto, Ont.   | 118            | 1879 Wood<br>St. Catharines, Ont.   | Tug.                                      | Gravenhurst, Ont.<br>20-5-19                                 | G. M. A.  | Not issued  | Ser.<br>3-3                                   | Muskoka lakes.                                   | Lavi R. Fraser, Bracebridge,<br>Ont.   |
| Adie (Cancelled).<br>13629 Kingston.  | 17             | 1911 Wood<br>Kingston, Ont.   | Pleasure<br>yacht.                        | Beauvais, Ont.<br>19-8-19                                    | G. M. A.  | 3-9-19<br>19-8-20   | Ser.<br>4-7                                   | Mus ok lakes.                                    | C. O. Skull, Beauvais, Ont.  |
| Admiral Evans<br>3001 Tacoma, U.S.A.  | 2,149          | 1901 Steel<br>Toledo, U.S.A.  | Pass.                                     | Seattle<br>11-6-19   | W. J. C.  | 14-6-19<br>17-4-20  | Ser.<br>184                                   | Seattle, Vancouver and<br>Alaskan Ports.         | Pacific S.S. Co., New York.  |
| Advance<br>8862 Montreal, P.Q.  | 1,031          | 1884 Wood<br>St. Catharines, Ont.   | Freight                                   | Kingston, Ont.<br>3-4-19                                     | T. P. T.<br>M. R. D.                                | 18-4-19<br>3-1-20   | Ser.<br>116                                   | W. William and Father<br>Point.                  | Montreal Transportation Co.<br>Ltd., Montreal, P.Q.                              |
| Araya.<br>11867 Sault Ste. Marie.   | 3,759<br>2,467 | 1902 Steel<br>Collingwood, Ont.   | Freight                                   | Goderich, Ont.<br>9-4-19<br>Depot Harbour, Ont.,<br>25-4-19  | L. D.<br>S. D. A.                                   | 28-4-19<br>8-4-20   | Ser.<br>151-5                                 | Port Colborne and Du<br>Luth.                    | Algoma Central and Hudson<br>Bay Ry. Co., Sault Ste.<br>Marie, Ont.; John Power. |
| Arnes<br>107362 Toronto, Ont.   | 14<br>8        | 1898 Wood<br>Toronto, Ont.  | Pass.                                     | Matigami Heights, Ont.<br>13-8-19<br>23-8-19                 | J. E. L.<br>M. R. D.                                | 3-9-19<br>13-8-20   | Ser.<br>2                                     | Matigami River.                                  | John Power, Matigami<br>Heights, Ont.  |
| Arvande<br>111752 Kenora, Ont   | 307<br>143     | 1900 Wood<br>Kenora, Ont.<br>Rebuilt, 1913.   | Pass.                                     | Rainy River<br>11-6-19                                       | W. J. V.  | 11-6-19<br>11-6-20  | Strn. Whl.<br>7                               | Rainy River and Lake<br>of the Woods.            | Laurence Baudreau, Morson<br>P.O., Ont.  |
| Atmie.<br>103672 Toronto, Ont.  | 77<br>52       | 1886 Composite.<br>1905 Rebuilt. Gra-<br>venhurst, Ont.                               | Pass.                                     | Gravenhurst, Ont.<br>17-4-19<br>10-6-19                      | G. M. A.<br>S. D. A.                                | 2-17-19<br>10-6-19  | Ser.<br>10-6                                  | Muskoka Lakes.                                   | Muskoka Lakes Nav. and<br>Hotel Co., Ltd., Toronto,<br>Ont.                      |
| Aid<br>189622 Ottawa, Ont.  | 45<br>26       | 1903 Wood rebuilt.<br>1915 Rockland,<br>Ont.  | Tug.                                      | Rockland, Ont.<br>23-8-19                                    | J. T. G.  | Not issued.   | Strn. whl.<br>6-6                             | Ottawa River at Rocke-<br>land, Ont.             | W. C. Edwards & Co.,<br>Rockland, Ont.   |
| Ainx<br>111935 Lindsay, Ont.  | 33<br>23       | 1902 Wood<br>Bobbyeung, Ont.  | Tug.                                      | Peterboro, Ont.<br>5-8-19                                    | T. P. T.  | 25-8-19<br>10-7-20  | Ser.<br>4                                     | Trent Canal.                                     | J. E. A. Fitzgerald, Peter-<br>boro, Ont.  |
| Alaska.<br>165171 Skagway, Alaska   | 642<br>601     | 1913 Wood<br>Seattle, Wash.   | Frt. and<br>Pass.                         | Dawson, Y.T.<br>10-7-19                                      | B. M.   | 11-8-19<br>18-7-20  | Strn. whl.<br>17-2                            | Yukon River and tribu-<br>taries.                | American Yukon Navigation<br>Co., Skagway, Alaska.                               |
| Alaskan.<br>130445 Vancouver, B.C.  | 150<br>102     | 1886 Wood<br>Onetta, Ore., U.S.A.   | Salvageship                               | Victoria, B.C.<br>10-9-19                                    | B. M.   | 23-9-19<br>9-9-20   | Ser.<br>13-6                                  | Coasting, B.C.                                   | G. G. Bushby, Victoria,<br>B.C.  |
| Albarron.<br>133321 Ottawa, Ont.  | 19<br>13       | Wood<br>Bristol, R.I.   | Tug.                                      | St. John, N.B.<br>28-4-19                                    | G. E. D.  | 26-5-19<br>28-4-20  | Ser.<br>12-9                                  | St. John River.                                  | John E. Gibebrist, Sydney,<br>N.B.   |
| Alberta.<br>85765 Montreal.   | 2,829<br>2,377 | 1883 Steel.<br>Whitechurch, G.B.<br>1911 Rebuilt.<br>Collingwood, Ont.                | Frt. and<br>Pass.                         | Port McNicoll, Ont.<br>30-4-19<br>11-5-19                    | G. M. A.<br>S. D. A.                                | 16-5-19<br>14-5-20  | Ser.<br>166-5                                 | Port McNicoll and Fort<br>William.               | Can. Pacific Ry. Co., Ltd.,<br>Montreal, P.Q.                                    |



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|                                      |                                    |                  |  |                      |                      |                 |   |  |
|--------------------------------------|------------------------------------|------------------|--|----------------------|----------------------|-----------------|---|--|
| Alberta M.<br>116370                 | Wood<br>Goderich, Ont.             | Fishing<br>tug.  | Meldrum Bay, Ont.<br>13-10-19                | P. W. L.             | Not issued.          | Ser.<br>10-6    | Lake Huron and North<br>Channel.                          | W. J. Keenan and Jos. Millman,<br>Blind River, Ont.                            |
| Aleade<br>122530                     | Wood<br>Ballard, Wash., U.S.A.     | Tug.             | Vancouver, B.C.<br>13-11-19                  | A. F.                | 12-12-19<br>12-11-12 | Ser.<br>17      | Vancouver, Straits of<br>Georgia, and Johnson<br>Straits. | Minister of Marine and<br>Fisheries, Ottawa, Ont.                              |
| Alert<br>86571                       | Wood<br>South Bristol, U.S.A.      | Tug.             | Sydney, N.S.<br>15-7-19                      | D. J. M.             | 30-8-19<br>13-7-20   | Ser.<br>15-6    | Coasting.   | Norman McDonald, Sydney<br>N.S.  |
| Alert<br>90689                       | Wood<br>St. Catharines,<br>Ont.    | Tug.             | Port Dalhousie, Ont.<br>19-8-19              | J. B. S.             | 30-9-19<br>19-8-20   | Ser.<br>20-9    | Welland Canal and Lake<br>Ontario.                        | Welland Canal Tug Co.,<br>Ltd., Port Colborne, Ont.                            |
| Alert<br>92421                       | Wood<br>Prescott, Ont.             | Tug.             | Cornwall, Ont.<br>10-9-19                    | T. P. T.             | 12-9-19<br>20-8-20   | Ser.<br>9       | St. Lawrence Canals.                                      | Minister of Railways and<br>Canals, Ottawa.                                    |
| Alert<br>94807                       | Wood<br>Victoria, B.C.             | Tug.             | Nanaimo, B.C.<br>22-3-19                     | B. M.                | Not issued.          | Ser.<br>11      | Nanaimo Harbour.  | Western Transportation Co.,<br>Ltd., Nanaimo, B.C.                             |
| Alert<br>116682                      | Steel<br>Ottawa, Ont.              | Tug.             | Haileybury, Ont.<br>23-9-19                  | J. E. L.             | 27-5-19<br>23-5-20   | Ser.<br>10-6    | Lake Temiskaming.   | Upper Ottawa Improve-<br>ment Co., Ottawa.                                     |
| Alexandra<br>112153                  | Wood<br>Chatham, N.B.              | Pass<br>172      | Chatham, N.B.<br>5-8-19<br>5-8-19            | C. E. D.<br>W. R. B. | 11-8-19<br>5-8-20    | Ser.<br>38-5    | Miramichi River and<br>Bay.                               | Miramichi Steam Nav. Co.,<br>Chatham, N.B.                                     |
| Alexandra<br>116340                  | Steel<br>Ottawa, Ont.              | Tug.             | Haileybury<br>10-8-19                        | J. E. L.             | 21-8-19<br>10-8-20   | Pad.<br>90      | Lake Temiskaming.   | Upper Ottawa Improve-<br>ment Company, Ottawa,<br>Ont.                         |
| Alexsine<br>14115                    | Composite<br>Victoria, B.C.        | Pass<br>25       | Victoria, B.C.<br>26-8-19                    | W. J. C.             | 13-9-19<br>23-8-20   | Tw. Ser.<br>104 | Victoria and Coasting.                                    | Pacific Salvage Co., Ltd.,<br>Victoria, B.C.                                   |
| Algona<br>111803                     | Steel<br>Sault Ste. Marie,<br>Ont. | Pass<br>340      | Sault Ste. Marie, Ont.<br>27-9-19<br>27-9-19 | P. W. L.<br>S. D. A. | 27-5-19<br>27-5-20   | Ser.<br>54      | Sault Ste. Marie, Ont.<br>Sault Ste. Marie, Mich.         | International Transit Co.,<br>Ltd., Sault Ste. Marie,<br>Ont.                  |
| Algonquin<br>122076                  | Wood<br>Toronto, Ont.              | Pass<br>200      | Huntsville, Ont.<br>18-6-19<br>28-6-19       | G. M. A.<br>S. D. A. | 30-6-19<br>28-6-20   | Ser.<br>32-6    | Huntsville and North<br>Portage.                          | Huntsville Lake of Bays<br>and Lake Simcoe Nav.<br>Co., Ltd., Huntsville, Ont. |
| Alice<br>102236                      | Steel<br>Ottawa, Ont.              | Tug.             | Pl. Weller, Ont.<br>24-6-19                  | J. B. S.             | 28-6-19<br>24-6-20   | Ser.<br>37      | New Weller Canal.   | The Dominion Dredging<br>Co., Ltd., Ottawa, Ont.                               |
| Alice<br>111862                      | Wood<br>Kippewa, Ont.              | Pass<br>25       | Turtle Portage, Ont.<br>7-5-19<br>20-8-19    | J. E. I.<br>M. R. D. | 3-9-19<br>25-12-19   | Ser.<br>10-7    | Lake Kippewa.   | J. R. Booth, Ottawa, Ont.  |
| Alice<br>122260                      | Steel<br>Quebec, Que.              | Freight<br>Pass. | Quebec, P.Q.<br>11-4-19<br>6-5-19            | J. A. S.<br>P. D.    | 6-5-19<br>6-5-20     | Ser.<br>54      | Quebec and Cross Isle,<br>P.Q.                            | Minister of Agriculture,<br>Ottawa, Ont.                                       |
| Alice G.<br>107169                   | Wood<br>Collingwood, Ont.          | Tug.             | Meaford, Ont.<br>2-10-19                     | J. T. G.             | 7-10-19<br>2-10-20   | Ser.<br>8       | Georgian Bay.   | Edward Perks, Meaford,<br>Ont.   |
| Alice Mattos<br>122292               | Wood<br>Prince Albert,<br>Sask.    | Tug.             | Big River, Sask.<br>29-4-19                  | J. T. M.             | 23-4-20              | Pad.<br>4-02    | Crooked Lake, Sask.                                       | The Ladder Lake Lumber<br>Co., Big River, Sask.                                |
| Alice R.<br>126230                   | Wood<br>St. John, N.B.             | Tug.             | St. John, N.B.<br>9-9-19                     | C. E. D.             | 9-9-19<br>8-9-20     | Ser.<br>40      | Coasting.   | Miss Alma F. Gregory, St.<br>John, N.B.  |
| Alligator No. 1.<br>(Not registered) | Wood                               | Tug.             | Grand Mère, P.Q.<br>8-8-19                   | F. X. H.             | Not issued.          | Tw. ser.<br>3   | St. Maurice River.  | The Minister of Public<br>Works, Ottawa, Ont.                                  |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Números oficiales—Ports d'enregistrement. | Tonnage.     | Where and when Built—Material.<br>Année et lieu de construction—Nature de la coque. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate issued—Expires.<br>Certificat: des Débitances—Expiration. | Propulsion—N.H.P.<br>Propulsion—N. en H.P. | Route.                                    | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|--------------|---|---|--|---|---|--|---|--|
| Alligator No. 2 (Not registered).   |              | 1905 Wood   | Tug.  | Shawinigan, P.Q. 8-8-19                                      | F. X. H.  | Not issued.   | Tw. ser. 3                                 | St. Maurice River                         | The Minister of Public Works, Ottawa, Ont.                         |
| Alligator No. 3 (Not registered).   |              | 1904 Wood<br>Bendford, Ont.   | Tug.  | Grandes Piles, P.Q. 7-8-19                                   | F. X. H.  | Not issued.   | Tw. ser. 3                                 | St. Maurice River                         | The Minister of Public Works, Ottawa, Ont.                         |
| Alligator No. 4 (Not registered).   |              | 1912 Wood   | Tug.  | Grandes Piles, P.Q. 7-8-19                                   | F. X. H.  | Not issued.   | Tw. ser. 3                                 | St. Maurice River                         | The Minister of Public Works, Ottawa, Ont.                         |
| Alligator No. 4 (Not registered).   |              | 1917 Wood<br>Laké Kenogami, Que.  | Tug.  | Chisoutini, P.Q. 20-9-19                                     | J. A. S.  | Not issued.   | Pad. 3-3                                   | Lake Kenogami                             | Price Bros, Quebec, Que.   |
| Alligator No. 5 (Not registered).   |              | 1912 Wood   | Tug.  | Three Rivers, P.Q. 6-8-19                                    | F. X. H.  | Not issued.   | Tw. ser. 3                                 | Three Rivers Harbour                      | The Minister of Public Works, Ottawa, Ont.                         |
| Alpha 11495 Quebec, P.Q.  | 20<br>3      | 1900 Wood<br>St. Joseph de Lewis, P.Q.  | Tug.  | Quebec, P.Q. 19-5-19   | J. A. S.  | 19-5-19<br>19-5-20  | Ser. 11                                    | Quebec Harbour                            | Dept. of Marine and Fisheries, Ottawa, Ont.                        |
| Albarto 13034 Toronto, Ont.   | 101<br>79    | 1916 Rebuilt.<br>Orleans Island.<br>1912 Composite.<br>Gravenhurst, Ont.            | Tug.  | Gravenhurst, Ont. 28-5-19                                    | G. M. A.  | 26 9-19<br>28-5-20  | Ser. 8                                     | Muskeoka Lakes                            | Fred Mills, Beaumaris, Ont.  |
| Anadia Mac 130271 Winnipeg, Man.  | 65<br>44     | 1910 Steel<br>Winnipeg, Man.  | Tug.  | Winnipeg, Man. 10-5-19                                       | J. T. M.  | 10-5-19<br>10-5-20  | Tw. ser. 16                                | Red River                                 | Arctic Ice Co., Winnipeg, Man.                                     |
| America 100662 Kingston, Ont.   | 681<br>480   | 1898 Steel<br>Wandolite, Mich.  | Frt. and pass.<br>Pass.                       | Port Arthur, Ont. 20-6-99                                    | W. J. V.  | 26-6-19<br>6-6-20   | Ser. 75                                    | Port Arthur and Duluth                    | Booth Fish Co., Chicago, Ill.                                      |
| America 206006 Buffalo, N.Y.  | 520<br>266   | 1895 Composite<br>Kingston, Ont.  | Pass.<br>Pass.                                | Kingston, Ont. 24-5-19<br>10-6-19                            | T. P. T.<br>M. R. D.                                | 10-6-19<br>10-6-20  | Pad. 56                                    | Port Huron and Chatham.                   | The St. Lawrence River Smtl. Co., Kingston, Ont.                   |
| Amerst. 78442 Charlottetown, P.E.I.   | 1,009<br>558 | 1908 Steel<br>Buffalo, N.Y.   | Pass.<br>Pass.                                | Buffalo, N. Y. 26-5-19                                       | J. B. S.<br>W. E.                                   | 20-5-19<br>28-5-20  | Ser. 138-8                                 | Buffalo, Crystal Bench and Port Colborne. | Lake Erie Excursion Co., Buffalo, N.Y.                             |
| Aviso 122438 Sault Ste. Marie, Ont.   | 138<br>94    | 1877 Wood<br>Presson, G.B.  | Tug and pass.<br>Pass.                        | Quebec, P.Q. 1-4-19<br>3-4-19                                | J. A. S.<br>R. D.                                   | 3-4-19<br>1-4-20  | Ser. 66                                    | Consting.                                 | Gulf Pulp and Paper Co., Quebec, P.Q.                              |
| Amisk 122275 Winnipeg, Man.   | 18<br>17     | 1907 Wood<br>Walkerville, Ont.  | Pass.   | Little Current, Ont. 18-7-19                                 | P. W. L.<br>S. D. A.                                | 18-7-19<br>18-7-20  | Ser. 3                                     | Little Current and vicinity.              | Mrs. M. J. Simms, Manitowaning, Ont.                               |
|   | 32<br>21     | 1909 Wood<br>Selkirk, Man.  | Fslug. Tug.                                   | Selkirk, Man. 16-5-19  | J. T. M.  | 17-5-19<br>17-5-20  | Ser. 2-7                                   | Lake Winnipeg                             | Riverton Fish Co., Huanusa, Man.                                   |

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|   |                      |                      |                         |                     |                |                                  |  |
|---|----------------------|----------------------|-------------------------|---------------------|----------------|----------------------------------|--|
| Amphitrite<br>11212 Lunenburg, N.S.     | Wrecking tug.        | Halifax, N.S.        | N. A. C.<br>A. McD.     | 5-7-19<br>4-7-19    | Ser. 24        | Coasting.                        | Ilander Bros. Wrecking Co.<br>Halifax, N.S.              |
| Anar.<br>98073 Vancouver, B.C.          | Freight and Pass. 5  | Seattle, Wash.       | B. M.<br>B. M.          | 5-6-19<br>21-5-20   | Ser. 147       | Victoria Vancouver and Skagway.  | Coastwise Steamship and Barge Co., Ltd., Vancouver, B.C. |
| Andover<br>12631 Vancouver, B.C.        | Freight and pass. 18 | Sicamous, B.C.       | W. J. C.<br>W. J. C.    | 17-9-19<br>9-6-20   | Sern<br>Whl. 8 | Seymour Arm, Sicamous and Chase. | Arrow Lakes Lumber Co., Kamloops, B.C.                   |
| Andree Dupre<br>134745 Grimsby, G. B.   | Tug.                 | Sorel, P. Q.         | F. X. H.                | 2-9-19<br>16-7-20   | Ser. 67        | Coasting and lakes.              | The Sincennes McNaughton Montreal, P. Q.                 |
| Angeline B. Nickerson                   | Fishing boat.        | Prince Rupert, B. C. | B. M.                   | 9-2-20<br>23-1-21   | Ser. 58        | Coasting.                        | Adin Construction Co., Victoria, B.C.                    |
| Animax<br>134243 Toronto.               | Fishing boat.        | Chatham, N. B.       | C. E. D.                | Not issued.         | Ser. 7         |                                  | Atlantic Fishing Co.                                     |
| Annie Moiles<br>90851 Sarnia, Ont.      | Tug.                 | Pl. Carling, Ont.    | G. M. A.                | Not issued.         | Ser. 2         | Muskoka Lakes.                   | Chas. F. Woodroffe, Barnesdale, Ont.                     |
| Anoka<br>130712 Kenora, Ont.            | Tug.                 | Port Huron, Ont.     | J. D.                   | 27-10-19<br>2-10-20 | Ser. 23-6      | Detroit River.                   | Blind River Towing Co. Blind River, Ont.                 |
| Anthemis<br>126487 Montreal, P. Q.      | Tug.                 | Keewatin, Ont.       | W. J. V.                | 30-4-19<br>30-4-20  | Ser. 16-7      | Lake of the Woods.               | Keewatin Lumber Co., Keewatin, Ont.                      |
| Aquilo<br>130842 Vancouver.             | Pass. 250            | Magog, P. Q.         | J. E. L.<br>P. D.       | 27-6-19<br>23-6-20  | Ser. 16-7      | Magog to Newport.                | Memphrenagog Navigation Co., Montreal, P. Q.             |
| Arabian<br>100394 Hamilton, Ont.        | Yacht.               | Vancouver, B.C.      | H. G. R.                | 14-5-19<br>8-5-20   | Ser. 38        | Coast, B.C.                      | B. T. Rogers, Vancouver, B.C.                            |
| Aranmore<br>98579 Ottawa, Ont.          | Freight.             | Kingston, Ont.       | T. P. T.<br>M. R. D.    | 25-4-19<br>2-4-20   | Ser. 68-3      | Fort William and Father Point.   | Lake Commerce, Ltd., Toronto, Ont.                       |
| Arbutus<br>92642 Port Arthur, Ont.      | Frt. & pass. 10      | Halifax, N.S.        | N. A. C.<br>D. K. O. B. | 28-8-19<br>23-8-20  | Ser. 186       | Coasting.                        | Minister of Marine and Fisheries, Ottawa.                |
| Arcadia<br>85555 Pictou, N.S.           | Tug.                 | Dartmouth, N.S.      | W. J. V.                | 24-4-19<br>23-4-20  | Ser. 17        | Port Arthur and Rossport.        | Central Contracting Co., Port William, Ont.              |
| Arcchie Mac.<br>Port Stanley            | Tug.                 | Halifax, N.S.        | D. J. M.                | 24-6-19<br>24-6-20  | Ser. 13-5      | Coasting.                        | Hendry's Limited, Halifax, N.S.                          |
| Arcchie Stewart<br>97048 Ottawa, Ont.   | Fishing boat.        | Port Stanley, Ont.   | J. B. S.                | 11-2-20<br>13-11-20 | Ser. 1         | Lake Erie.                       | Albert John Nichola, Port Stanley, Ont.                  |
| Arcchie W.<br>134551 Port Burwell, Ont. | Tug.                 | Montreal, P. Q.      | J. E. L.                | Not issued.         | Ser. 15        | Ottawa and Three Rivers.         | Dept. Public Works, Ottawa, Ont.                         |
|   | Fishing tug.         | Port Dover, Ont.     | J. B. S.                | 28-10-19<br>9-10-20 | Ser. 6         | Lake Erie.                       | Geo. A. Van Order, Port Burwell, Ont.                    |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'enregistrement. | Tonnage. | Where and When Built—Material.<br>Amée et lieu de construction—la coque. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate: Issued—Expires.<br>Certificat: Délivrance—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. en H. P. | Route.  | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|----------|--|---|--|---|--|---|---|--|
| Argenteuil.....   | 175      | 1917 Steel.  | Fri   | Sorel, P. Q. 5-9-19  | F. N. H.  | Not issued.  | Ser. 17                                       | Ottawa and St. Lawrence Rivers.                   | Dept. Public Works, Ottawa, Ont.                                   |
| Argus.....  | 65       | Sorel, P. Q.   | Tug.  | Pictou, N. S. 22-7-19  | N. A. C.  | 31-7-19<br>22-7-20   | Ser. 13                                       | Pictou Harbour.                                   | Pictou Co., Contractor's Supply Co., New Glasgow, N. S.            |
| ● Argyle.....   | 97       | 1909 Wood.   | Pass Ferry.                                   | Keewatin, Ont. 29-4-19                                       | W. J. V.  | 23-8-19<br>29-4-20   | Ser. 10-7                                     | Keewatin and Kenora.                              | James Fraser, Keewatin, Ont.                                       |
| Archie.....   | 66       | 1912 Kenora, Ont.  | Pass 180                                      | Kelowna, B. C. 16-5-19                                       | W. J. C.  | 16-5-19<br>9-5-20  | Ser. 2-7                                      | Kelowna and West bank B. C.                       | L. A. Hayman, Kelowna, B. C.                                       |
| Archie.....   | 13       | 1912 Wood.   | Pass 10                                       | Detroit, Mich. 3-6-19  | J. D.   | 27-6-19<br>31-5-20   | Ser. 26-7                                     | Detroit and Walkerville Ferry Co., Detroit, Mich. | Detroit and Walkerville Ferry Co., Detroit, Mich.                  |
| Ariel.....  | 202      | 1881, 1913 Wood.   | Pass Ferry.                                   | Winnipegosis, Man. 10-10-18<br>15-8-19                       | W. E.<br>W. J. V.                                   | 15-8-10<br>15-8-20   | Ser. 9  | Lake Winnipegosis.                                | A. Armstrong, Independent Fisheries Ltd., Portage La Prairie, Man. |
| Armenon.....  | 46       | 1918 Wood.   | Tug.  | Vancouver, B. C. 11-2-20                                     | A. F.   | 10-3-20<br>10-2-21   | Ser. 10-3                                     | Vancouver and Straits of Georgia and Johnstone.   | Armstrong Morrison Co., Ltd., Vancouver, B. C.                     |
| Armenon.....  | 122557   | 1907 Wood.   | Tug.  | Burks Falls, Ont. 23-6-19                                    | G. M. A.<br>S. D. A.                                | 5-8-19<br>29-7-20  | Ser. 16-8                                     | Magnetawan River.                                 | A. A. Agar, Burks Falls, Ont.                                      |
| Armenon.....  | 121850   | Composite.   | Pass 50                                       | Lindsay, Ont. 20-8-19  | T. P. T.  | Not issued.  | Ser. 4-8                                      | Trent Canal.                                      | John Carew, Lindsay, Ont.  |
| Arthur C.....   | 105      | 1891 Wood.   | Tug.  | The Pas, Man. 1-3-19   | J. T. M.  | No issued.   | Ser. 3-2                                      | Saskatchewan River.                               | Barney Anderson, The Pas, Man.                                     |
| Arthur J.....   | 48       | 1914 Wood.   | Fri. & pass.                                  | Sydney, N. S. 10-4-19  | D. J. M.<br>A. McD.                                 | 12-5-19<br>16-4-20   | Ser. 41-6                                     | Sydney and Bay St. Lawrence.                      | North Shore Steamship Co., Sydney, N. S.                           |
| Arthur J.....   | 131317   | 1919 Wood.   | Pass 140                                      | Port McNicoll, Ont. 30-4-19                                  | G. M. A.  | 16-5-19<br>1-5-20  | Ser. 298-6                                    | Port McNicoll and Port William.                   | Can. Pacific Railway Co., Montreal, P. Q.                          |
| Aspy.....   | 2,558    | Yarmouth, N. S.  | Pass 350                                      | Port McNicoll, Ont. 20-4-19                                  | S. D. A.<br>G. M. A.                                | 16-5-19<br>14-5-20   | Ser. 167                                      | Port William and Port McNicoll.                   | Can. Pacific Railway Co., Montreal, P. Q.                          |
| Assiniboia.....   | 3,860    | 1907 Steel.  | Freight and pass.                             | Kingston, Ont. 1-4-19  | T. P. T.  | Not issued.  | Ser. 145                                      | Georgian Bay.                                     | Montreal Transportation Co., Montreal, P. Q.                       |
| Athabasca.....  | 2,784    | 1883 Steel.  | Freight and pass.                             | French River. 9-19-19  | G. M. A.  | 17-9-19<br>21-8-20   | Ser. 18-3                                     | Lakes and rivers.                                 | French River Boom Co., Midland, Ont.                               |
| Athabasca.....  | 2,239    | Kilbuck, G. B.   | Pass 49                                       | Sorel, P. Q. 18-4-19   | F. X. H.  | 28-4-19<br>15-4-20   | Ser. 51                                       | Lakes and rivers.                                 | Sicamous, McNeighbour Line, Ltd., Montreal.                        |
| Athabasca.....  | 1,910    | Rehault.   | Pass 49                                       | Kingston, Ont. 1-4-19  | T. P. T.  | Not issued.  | Ser. 145                                      | Georgian Bay.                                     | Montreal Transportation Co., Montreal, P. Q.                       |
| Athabasca.....  | 2,004    | Callagood, Ont.  | Freight.                                      | French River. 9-19-19  | G. M. A.  | 17-9-19<br>21-8-20   | Ser. 18-3                                     | Lakes and rivers.                                 | French River Boom Co., Midland, Ont.                               |
| Athabasca.....  | 1,292    | 1895 Steel.  | Freight.                                      | Sorel, P. Q. 18-4-19   | F. X. H.  | 28-4-19<br>15-4-20   | Ser. 51                                       | Lakes and rivers.                                 | Sicamous, McNeighbour Line, Ltd., Montreal.                        |
| Atchafalaya.....  | 1,241    | 1907 Wood.   | Tug.  | Kingston, Ont. 1-4-19  | G. M. A.  | 17-9-19<br>21-8-20   | Ser. 18-3                                     | Lakes and rivers.                                 | French River Boom Co., Midland, Ont.                               |
| Atchafalaya.....  | 56       | 1907 Wood.   | Tug.  | Sorel, P. Q. 18-4-19   | F. X. H.  | 28-4-19<br>15-4-20   | Ser. 51                                       | Lakes and rivers.                                 | Sicamous, McNeighbour Line, Ltd., Montreal.                        |
| Atchafalaya.....  | 127      | 1912 Steel.  | Tug.  | Sorel, P. Q. 18-4-19   | F. X. H.  | 28-4-19<br>15-4-20   | Ser. 51                                       | Lakes and rivers.                                 | Sicamous, McNeighbour Line, Ltd., Montreal.                        |
| Atchafalaya.....  | 133834   | Greenock, G. B.  | Tug.  | Sorel, P. Q. 18-4-19   | F. X. H.  | 28-4-19<br>15-4-20   | Ser. 51                                       | Lakes and rivers.                                 | Sicamous, McNeighbour Line, Ltd., Montreal.                        |

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|------------------------------------|----------------------------------|-------------------|---|----------------------|----------------------|---------------|--------------------------------------|--|
| <i>Aurore Marie</i> ,<br>135511    | 1917 Wood<br>St. Fulgence, P.Q.  | Pass.             | Chicoutimi<br>10-6-19                                       | J. A. S.<br>P. D.    | 11-8-19<br>6-8-20    | Ser. 2-5      | Chicoutimi and St. Fulgence.         | Alfred Girard, St. Fulgence, P.Q.              |
| <i>Autolyons</i><br>103156         | 1895 Wood<br>Vancouver, B.C.     | Tug.              | Vancouver, B.C.<br>10-4-19                                  | A. F.                | 17-4-19<br>8-4-20    | Ser. 9        | Vancouver Harbour, B.C.              | James A. McNair, Vancouver, B.C.               |
| <i>Aviso</i><br>134136             | 1914 Steel<br>Sorel, P.Q.        | Tug.              | Quebec, P.Q.<br>21-7-19                                     | J. A. S.<br>J. A. S. | 21-7-19<br>21-7-20   | Ser. 13-5     | Quebec Harbour.                      | Quebec Harbour Commissioners, Quebec, P.Q.     |
| <i>Avon</i><br>140962              | 1877<br>1902                     | Freight.          | Kingston, Ont.<br>10-1-19<br>Port Dalhousie, Ont.<br>3-4-19 | T. P. T.<br>M. R. D. | Not issued.          | Ser.          | Fort William and Father Point.       | Montreal Frame Co., Montreal, P.Q.             |
| <i>Avonlea</i><br>133928           | 1913 Wood<br>Chatham, N.B.       | Pass.             | Mira, N.S.<br>22-8-19<br>23-7-19                            | D. J. M.<br>A. McD.  | 30-8-19<br>25-7-20   | Ser. 8-1      | Mira River.                          | Phillips and Nichol, Mira, N.S.                |
| <i>B. C. J.</i><br>130773          | 1911 Wood<br>Michipicoten, Ont.  | Fishing tug.      | Michipicoten, Ont.<br>20-6-19                               | P. W. L.             | Not issued.          | Ser. 2-1      | Lake Superior.                       | Angus Gibson, Sault Ste. Marie, Ont.           |
| <i>B. C. P.</i><br>129082          | 1908 Wood<br>Vancouver, B.C.     | Tug.              | New Westminster, B.C.<br>14-4-19                            | A. F.                | 28-4-19<br>1-4-20    | Ser. 22       | Steveston and Queen Charlotte Sound. | Packers Steamship Co., Ltd., Vancouver, B.C.   |
| <i>B. N.</i><br>12616              | 1910 Wood<br>Soda Creek, B.C.    | Freight and pass. | Prince George, B.C.<br>29-7-19                              | B. M.                | 29-7-19<br>28-7-20   | Strn. whl. 27 | Upper Fraser River.                  | B.C. Express Co., Ashcroft, B.C.               |
| <i>B. C. Boy</i><br>131032         | 1912 Wood<br>Port Guelchon, B.C. | Tug.              | Vancouver, B.C.<br>7-1-20                                   | A. F.                | 29-1-20<br>6-1-21    | Ser. 17       | B.C. Coast.                          | Edward James Coyle, Vancouver, B.C.            |
| <i>B. C. Maid</i><br>134076        | 1893 Wood<br>Seattle, U.S.A.     | Tug.              | Vancouver, B.C.<br>28-5-19                                  | H. G. R.             | 31-5-19<br>27-5-20   | Ser. 8        | Vancouver and Straits of Georgia.    | Henry C. Macaulay & Co., Ltd., Vancouver, B.C. |
| <i>B. M. Fraser</i><br>107397      | 1900 Wood<br>Owen Sound, Ont.    | Tug.              | Sorel, P.Q.<br>9-4-19                                       | F. X. H.             | 23-4-19<br>9-4-20    | Ser. 21       | Cape Traverse.                       | Roger Miller & Co., Toronto, Ont.              |
| <i>B. Paul</i><br>Sorel P.Q.       | 1918 Comp<br>Sorel, P.Q.         | Tug.              | Sorel, P.Q.<br>6-5-19                                       | F. X. H.             | Not issued.          | Ser. 9        | Sorel Harbour.                       | Jos. Paul, Sorel, P.Q.                         |
| <i>B. and M. Leblanc</i><br>126805 | 1910 Wood<br>Yarmouth, N.S.      | Fishing.          | Wedgeport, N.S.<br>30-9-19                                  | N. A. C.             | 2-10-19<br>30-9-20   | Ser. 8-6      | Tusket River.                        | Ethel M. Hines, Yarmouth, N.S.                 |
| <i>Belaine</i><br>129916           | 1907 Steel<br>St. Johns, Nfld.   | Fishing.          | Pictou, N.S.<br>14-9-19                                     | D. J. M.<br>A. McD.  | 2-10-19<br>10-9-20   | Ser. 70       | Coasting.                            | Leonard Fisheries, Pt. Hawkesbury, N.S.        |
| <i>Bellona</i><br>100635           | 1892 Wood<br>Victoria, B.C.      | Freight and pass. | Vancouver, B.C.<br>21-5-19                                  | H. G. R.             | 22-5-19<br>30-9-19   | Tw. agr. 85-2 | Vancouver and Howe Sound.            | Terminal Steam Nav. Co., Ltd., Vancouver, B.C. |
| <i>Barbara Yount</i><br>134282     | 1914 Wood<br>Cowichan Lake, B.C. | Tug.              | Cowichan Lake<br>25-10-19                                   | B. M.                | 27-10-19<br>24-10-20 | Ser. 8        | Cowichan.                            | Elec. Towboat Co., Ltd., Victoria, B.C.        |
| <i>Batchevan</i><br>131134         | 1912 Steel<br>Toronto, Ont.      | Tug.              | Sault Ste. Marie, Ont.<br>19-6-19                           | P. W. L.             | Not issued.          | Ser. 5        | St. Mary's River.                    | The Minister of Railways and Canals, Ottawa.   |
| <i>Bear River</i><br>121807        | 1905 Wood<br>Shelburne, N.S.     | Freight.          | Bear River, N.S.<br>31-10-19                                | N. A. C.             | 1-11-19<br>31-10-20  | Ser. 16-7     | Bear River and St. John River.       | J. E. Woodworth, Bear River, N.S.              |
| <i>Beatrice</i><br>100194          | 1891 Wood<br>Vancouver, B.C.     | Tug.              | Victoria, B.C.<br>19-3-20                                   | W. J. C.             | 20-3-20<br>18-3-21   | Ser. 18-3     | Victoria and Coasting.               | J. J. Goodwin, Victoria, B.C.                  |

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TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'enregistrement. | Tonnage.     | Where and when Built—Material.<br>Année et lieu de construction—Nature de la coque. | Tonnage—No of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs | Certificate: Issued—Expire.<br>Certificat: Délivrance—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. en H. P. | Route.                                       | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|--------------|---|--|--|--|---|---|--|--|
| Beatrice M.<br>107167 Port Arthur, Ont.   | 36<br>25     | 1888 Wood<br>1904 Rebuilt, Ont.   | Fishing tug                                    | Port Arthur, Ont.<br>8-11-19                                 | W. J. V.   | 21-11-19<br>1-4-20  | Ser. 10-7                                     | Thunder Bay                                  | John Bowman, Port Arthur, Ont.                                     |
| Beathornis<br>33746 Ottawa, Ont.  | 107          | 1845 Iron<br>1884 and 1915 Rebuilt, Ont.  | Freight and Pass.                              | Montreal, P.Q.<br>26-4-19                                    | J. T. G.<br>P. D.                                  | 13-5-19<br>26-4-20  | Pull. 20                                      | Montreal and Beauharnois.                    | Calixte Guyon, Montreal, P.Q.                                      |
| Beaver<br>83157 Belleville, Ont.  | 41           | 1902 Wood<br>24 Belleville, Ont.  | Tug.<br>250                                    | Montreal, P.Q.<br>8-5-19                                     | J. T. G.   | Not issued.   | Ser. 10-8                                     | Montreal Harbour                             | Harbour Commissioners of Montreal, P.Q.                            |
| Beaver<br>83416 Peterboro, Ont.   | 25<br>17     | 1908 Wood<br>Lakeside, Ont.<br>1913 Rebuilt.  | Tug.   | Peterboro, Ont.<br>21-5-19                                   | T. P. T.   | 23-5-19<br>21-5-20  | Ser.  | Trent Valley Canal                           | Jérôme Ladueness, Peterboro, Ont.                                  |
| Beaver<br>100748 Windsor, N.S.  | 85           | 1897 Wood<br>43 Canning, N.S.   | Pass. 14                                       | Caranquet, N.B.<br>7-10-19                                   | C. E. D.<br>W. R. B.                               | 10-10-19<br>7-10-20   | Ser. 16-6                                     | Caranquet, Misson, and Shippegan and stouls. | Gloicester Navigation Co., Caranquet, N.B.                         |
| Beaver<br>107096 Victoria, B.C.   | 545<br>344   | 1898 Steel<br>Victoria, B.C.  | Pass. 150                                      | Ladner, B.C.<br>9-9-19                                       | H. G. R.   | 10-9-19<br>27-7-20  | Strn. whl. 13                                 | Fraser River, Ladner and Woodwards Landing.  | The Minister of Public Works Ottawa, Ont.                          |
| Beaver<br>107691 Toronto, Ont.  | 29<br>12     | 1899 Wood<br>Midland, Ont.<br>1917 Rebuilt.   | Tug.   | Midland, Ont.<br>10-10-19                                    | G. M. A.   | 18-10-19<br>30-9-20   | Ser. 8-4                                      | Midland Harbour and Moon Falls.              | Manley Chew, Midland, Ont.   |
| Belle<br>85746 Quebec, P.Q.   | 82           | 1883 Wood<br>41 Quebec, P.Q.  | Tug.   | Quebec, P.Q.<br>17-4-19                                      | J. A. S.   | 24-4-19<br>17-4-20  | Ser. 33-8                                     | Quebec Harbour                               | J. S. Thom, Quebec, P.Q.   |
| Belle<br>117013 Vancouver, B.C.   | 94<br>63     | 1905 Wood<br>63 Vancouver, B.C.   | Tug.   | Vancouver, B.C.<br>30-5-19                                   | H. G. R.   | 31-5-19<br>29-5-20  | Ser. 16                                       | Vancouver and Straits of Georgia.            | B. C. Mills Tug and Barge Co., Vancouver, B.C.                     |
| Bellechasse<br>133935 Ottawa, Ont.  | 417<br>216   | 1913 Steel<br>Kingston, Ont.  | Govt. Ser.                                     | Quebec, P.Q.<br>1-4-19<br>3-5-19                             | J. A. S.<br>P. D.                                  | 3-5-19<br>15-6-19   | Ser. 117                                      | Lakes and Gulf of St Lawrence.               | Minister of Marine and Fisheries, Ottawa, Ont.                     |
| Belleville<br>122070 Montreal, P.Q.   | 1-233<br>607 | 1835 Composite.<br>Montreal, P.Q.<br>1905 Rebuilt,<br>Kingston, Ont.                | Freight  | Toronto, Ont.<br>15-4-19<br>19-4-19                          | G. M. A.<br>W. E.                                  | 9-5-19<br>19-4-20   | Pull. 62                                      | Hamilton and Montreal.                       | Richelieu & Ontario Nav. Co., Montreal, P.Q.                       |
| Bernada<br>111532 Vancouver, B.C.   | 72           | 1900 Wood<br>49 Vancouver, B.C.   | Tug.   | Vancouver, B.C.<br>4-8-19                                    | A. F.  | 16-8-19<br>24-7-20  | Ser. 16                                       | Vancouver and Straits of Georgia.            | John Alfred Whalen, Vancouver, B.C.                                |
| Bernard M.<br>141256 Yarmouth N.S.  | 370<br>191   | 1920 Wood<br>Wedgeport, N.S.  | Fishing boat.                                  | Yarmouth, N.S.<br>15-3-20<br>23-3-20                         | N. A. C.<br>A. McD.                                | 26-3-20<br>15-3-21  | Ser. 66                                       | Coasting                                     | The Wedgeport Trawling Co., Wedgeport, N.S.                        |
| Berquist<br>11984 Victoria, B.C.  | 76<br>35     | 1902 Wood<br>Port Moody, B.C.   | Tug.   | Victoria, B.C.<br>30-12-19                                   | W. J. C.   | 31-12-19<br>27-12-20  | Ser. 13-8                                     | Coasting, B.C.                               | N. Berquist, Victoria, B.C.  |

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|---------------------------|--------------------|------------------|--|------------------------|--------------------------------------|----------------------|---------------------|-----------------|--|--|
| Bertha May<br>90578       | Toronto, Ont.      | 20               | 1886 Wood  | Tug.                   | Gravenhurst, Ont.<br>24-5-19         | G. M. A.             | Not issued.         | Scr.            | Maskoka Lakes                          | C. J. Smith, Walkers Point,<br>Ont.                      |
| Bertha<br>138453          | Sorel, Que.        | 14               | Gravenhurst, Ont.<br>1914 Rebuilt,<br>Walker's Point, Ont. | Tug.                   | Sorel, P.Q.<br>27-8-19               | F. X. H.             | Not issued.         | T.W. Ser.<br>65 |  | The Minister of Marine and<br>Fisheries, Ottawa, Ont.    |
| Beryl<br>140629           | Ottawa, Ont.       | 388              | 1916 Steel,<br>Sorel, P.Q.                                 | Tug.                   | Victoria, B.C.<br>20-2-20            | B. M.                | 26-2-20<br>19-2-21  | T.W. ser.       | Nitmat Lake                            | Minister of Militia, Ottawa,<br>Ont.                     |
| Bessie A. White<br>141266 | Parrsboro, N.S.    | 34               | 1903 Steel,<br>Victoria, B.C.                              | Tug.                   | St. John, N.B.<br>29-5-19            | C. E. D.<br>W. R. B. | 19-9-19<br>19-12-19 | Scr.            | Can. and Foreign Ports                 | Chas. T. White & Sons,<br>Sussex, N.B.                   |
| Bessie Butler<br>12564    | Peterborough, Ont. | 595              | 1919 Wood<br>Alma, N.B.                                    | Freight                | Ashburnham, Ont.<br>26-8-18          | T. P. T.             | 25-8-19<br>10-7-20  | Scr.            | Trent Valley Canal                     | Minister of Railways and<br>Canals, Ottawa, Ont.         |
| Bessie Dollar<br>121272   | Victoria, B.C.     | 77               | 1907 Steel,<br>Peterborough, Ont.                          | Govt. Ser.             | Vancouver<br>31-3-20<br>26-3-20      | A. F.                | 1-4-20<br>23-3-21   | Scr.            | Vancouver and Foreign<br>Ports         | Dollar S.S. Lines, Ltd., Vic-<br>toria, B.C.             |
| Bessie M.<br>117087       | Collingwood, Ont.  | 4, 229<br>2, 798 | 1905 Steel,<br>Glasgow, G.B.                               | Frt. and<br>pass,<br>7 | Port Coldwell, Ont.<br>25-9-19       | W. J. V.             | 16-10-19<br>25-9-20 | Scr.            | Port Coldwell and Nippi-<br>gon Strait | Frank Nicoll, Rossport, Ont.                             |
| Betty D.<br>131010        | St. John, N.B.     | 44               | 1907 Wood<br>Collingwood, Ont.                             | Fishing tug            | Bathurst, N.B.<br>7-10-19            | C. E. D.             | 10-10-19<br>7-10-20 | Scr.            | Coasting                               | Bathurst Lumber Co.,<br>Bathurst, N.B.                   |
| Bickerdike<br>121784      | Ottawa, Ont.       | 145<br>98        | 1898 Steel,<br>Buffalo, N.Y.                               | Tug.                   | Goderich, Ont.<br>8-4-19<br>15-4-19  | J. D.<br>W. E.       | 9-5-19<br>15-4-20   | Scr.            | Lakes and Rivers                       | Montreal & Great Lakes<br>Steamship Co., Ottawa,<br>Ont. |
| Black<br>131237           | Liverpool, G.B.    | 1, 515<br>864    | 1873 Iron<br>Buffalo, N.Y.                                 | Frt.                   | Victoria, B.C.<br>27-2-20            | B. M.                | 2-3-20<br>26-2-21   | Scr.            | Coasting                               | Victoria Whaling Co., Ltd.,<br>Toronto, Ont.             |
| Blanche Marie<br>140966   | Montreal.          | 102<br>3         | 1910 Steel,<br>Christiania, Norway.                        | Whlr b.                | Comaught, Ont.<br>13-8-19            | J. E. L.             | Not issued.         | Scr.            | Frederick River                        | Edwards & Reamsbottom,<br>Comaught, Ont.                 |
| Blue<br>131357            | Liverpool, G.B.    | 11<br>37         | 1917 Wood,<br>Christiania, Norway.                         | Tug.                   | Victoria, B.C.<br>16-4-19<br>26-3-20 | W. J. C.             | 30-4-19<br>15-4-20  | Scr.            | Victoria and Coasting                  | Victoria Whaling Co., Tor-<br>onto, Ont.                 |
| Blue Bell<br>80960        | Kingston, Ont.     | 102<br>12        | 1888 Wood,<br>Kingston, Ont.                               | Tug.                   | Kingston, Ont.<br>17-9-19            | T. P. T.             | 22-10-19<br>1-9-20  | Scr.            | Rideau Canal                           | S. & W. Smith, Kingston,<br>Ont.                         |
| Blue Bell<br>121849       | Toronto, Ont.      | 52<br>752        | 1906 Steel,<br>Garden Id., Ont.                            | Pass.<br>1, 350        | Hanlans Pt., Ont.<br>30-4-19         | J. B. S.             | Not issued.         | Pull.           | Toronto Bay                            | Toronto Ferry Co., Ltd.,<br>Toronto, Ont.                |
| Blue Hill<br>97033        | Halifax, N.S.      | 451              | 1906 Steel,<br>Toronto, Ont.                               | Pass.<br>40            | Baddeck, N.S.<br>28-8-19             | D. J. M.<br>A. McD.  | 30-8-19<br>26-7-20  | T.W. ser.       | Baddeck and Iona                       | Baddeck Steamship Co.,<br>Baddeck, N.S.                  |
| Bob Hall<br>122563        | Peterboro, Ont.    | 196<br>98        | 1887 Wood<br>East Boston, U.S.A.                           | Pass.<br>40            | Iona, N.S.<br>26-7-19                | T. P. T.             | 25-7-19<br>10-7-20  | Scr.            | Trent Valley Canal                     | Minister of Railways and<br>Canals, Ottawa, Ont.         |
| Bobs<br>111563            | Owen Sound, Ont.   | 27<br>19         | 1907 Wood<br>Peterboro, Ont.                               | Tug.                   | Robertsons Is., Ont.<br>6-8-19       | J. E. L.             | 27-5-19<br>23-5-20  | Scr.            | Ville-Marie and Hailey-<br>bury        | Ville-Marie Navigation Co.,<br>Haileybury, Ont.          |
| Bogn<br>106328            | Pasphebaie, P.Q.   | 38<br>28         | 1901 Composite,<br>Parry Sound, Ont.                       | Tug.                   | Haileybury<br>23-5-19                | J. A. S.             | 23-8-19<br>15-8-20  | Pull.           | New Richmond                           | Montgomery & Sons, New<br>Richmond, P.Q.                 |
|                           |                    | 18               | 1909 Wood<br>New Richmond, P.Q.                            | Tug.                   | New Richmond, P.Q.<br>15-8-19        | J. A. S.             |                     |                 |  |  |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Números oficiales—Port de enrégistrement. | Tonnage | Where and When Built—Material.<br>Année et lieu de construction—Nature de la coque. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate: Issued—Expires.<br>Certificat: D'effrayance—Expiration. | Propulsion—N. H. P.<br>N. en H. P. | Route.                     | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|---------|---|---|--|---|--|------------------------------------|----------------------------|--|
| Ron Ami<br>122436 Saull S. G. Marie,<br>Ont.  | 215     | 1902 Wood   | Pass.<br>100                                  | Little Current, Ont.<br>18-7-19                              | P. W. I.<br>S. D. A.                                | 18-7-19<br>18-7-20   | Ser.<br>28-1                       | Manitowig & Cutler         | C. L. D. & T. C. Sims,<br>Little Current, Ont.                     |
| Bonita<br>138681 Vancouver, B.C.  | 57      | 1917 Wood<br>U.S.A.   | Tug.<br>38                                    | Victoria, B.C.<br>12-3-20                                    | W. J. C.  | 12-3-20<br>11-3-21   | Ser.<br>5                          | Victoria and Coasting.     | The Lomax Packing Co.,<br>Vancouver, B.C.                          |
| Bonnie Mac.<br>134318 Kenora, Ont.  | 28      | 1912 Composite<br>Ont.  | Tug.<br>19                                    | Dryden, Ont.<br>26-8-19                                      | W. J. V.  | 29-8-19<br>26-8-20   | Ser.<br>3-3                        | Wabigoon Lake.             | Dryden Pulp and Paper Co.,<br>Dryden, Ont.                         |
| Bomington<br>130535 Vancouver, B.C.   | 1,700   | 1911 Steel<br>B.C.  | Frt. pass.<br>145                             | Arrowhead, B.C.<br>8-6-19                                    | W. J. C.  | 9-6-19<br>7-6-20   | Str. whl.<br>39                    | Arrowhead and Robson.      | Can. Pacific Railway, Mont-<br>real, P. Q.                         |
| Boonton<br>131211 Sydney, N.S.  | 115     | 1871 Wood<br>U.S.A.   | Tug.<br>33                                    | Halifax<br>27-9-19   | D. J. M. and<br>N. A. C.                            | 2-10-19<br>27-9-20   | Ser.<br>48                         | Halifax Harbour.           | D. Ruddleham, N. Sydney,<br>N.S.                                   |
| Boucherville<br>96946 Montreal, P. Q.   | 419     | 1886 Composite<br>P. Q.   | Pass.<br>ferri.<br>263                        | Montreal, P. Q.<br>10-4-19                                   | J. B. L.<br>P. D.                                   | 20-4-19<br>10-4-20   | Pull<br>43-2                       | Montreal and Boucherville. | Alexandre Desmarceau,<br>Montreal, P. Q.                           |
| Bowena<br>96935 Vancouver, B.C.   | 821     | 1891 Wood<br>B.C.   | Frt. pass.<br>500                             | Vancouver, B.C.<br>8-5-19                                    | H. G. R.  | 10-5-19<br>30-9-19   | Tw. ser.<br>56-3                   | Vancouver and Howe Sound.  | Terrainal Steam Nav. Co.,<br>Ltd., Vancouver, B.C.                 |
| Bradbury<br>Winnipeg, Man.  | 476     | 1915 Steel<br>Sask., Man.   | Fish patrol.                                  | Sask., Man.<br>9-5-19  | J. T. M.  | 14-5-19<br>9-5-20  | Tw. ser.<br>89-7                   | Lake Winnipeg.             | Minister of Marine and<br>Fisheries, Ottawa.                       |
| Brant<br>110875 St. Catharines,<br>Ont.   | 49      | 1906 Wood<br>Ont.   | Tug.<br>33                                    | Pt. Robinson, Ont.<br>18-4-19                                | J. B. S.  | 14-8-19<br>18-4-20   | Ser.<br>9                          | Welland Canal.             | Canadian Dredging Co.,<br>Ltd., Midland, Ont.                      |
| Britannia<br>111985 Vancouver, B.C.   | 396     | 1902 Wood<br>Vancouver.   | Frt. pass.<br>40                              | Vancouver, B.C.<br>16-5-19                                   | H. G. R.  | 23-5-19<br>30-9-19   | Ser.<br>33-5                       | Vancouver and Howe Sound.  | Terrainal Steam Nav. Co.,<br>Ltd., Vancouver, B.C.                 |
| Britannic<br>100188 Collingswood, Ont.  | 498     | 1866 Iron<br>Sorel, P. Q.   | Frt. and<br>pass.<br>100                      | Montreal, P. Q.<br>Kingston, Ont.<br>30-7-19                 | J. B. L.<br>M. R. D.                                | 3-6-19<br>30-11-19   | Pull<br>41                         | Montreal and Kingston.     | Montreal and Cornwall Nav.<br>Co., Cornwall, Ont.                  |
| Britannica<br>150530 Detroit, Mich.   | 792     | 1906 Steel<br>Wyanitorc, Mich.  | Pass.<br>2,360                                | Windsor, Ont.<br>2-6-19                                      | J. D.   | 27-6-19<br>23-4-20   | Ser.<br>130-8                      | Detroit River.             | Detroit and Windsor Ferry<br>Co., Detroit, Mich.                   |
| Brookville<br>107421 Picton, Ont.   | 191     | 1898 Wood<br>Toronto, Ont.  | Pass.<br>300                                  | Kingston, Ont.<br>26-5-19                                    | T. P. T.<br>M. R. D.                                | 7-6-19<br>26-5-20  | Ser.<br>13-5                       | Trenton and Prescott.      | Ontario and Quebec Nav.<br>Co., Picton, Ont.                       |
| Brown<br>131338   | 102     | 1910 Steel<br>Christiansia, Norway.   | Fishing boat.                                 | Victoria, B.C.<br>16-4-19                                    | W. J. C.  | 30-4-19<br>13-1-20   | Ser.<br>43                         | Victoria and Coasting.     | Victoria Whaling Co., Tor-<br>onto, Ont.                           |
| Brown Bros.<br>132792 Port Stanley, Ont.  | 64      | 1915 Composite<br>Port Stanley, Ont.  | Fishing tug.                                  | Port Stanley, Ont.<br>17-9-19                                | J. B. S.  | 30-9-19<br>17-9-20   | Ser.<br>13-5                       | Lake Erie.                 | A. C. and C. E. Brown,<br>Port Stanley, Ont.                       |



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|                             |                                    |              |                                     |                      |                     |            |  |   |
|-----------------------------|------------------------------------|--------------|-------------------------------------|----------------------|---------------------|------------|--|---|
| Bruce Cann.<br>103715       | Yarmouth, N.S.                     | 11           | Yarmouth, N.S.<br>2-4-19<br>21-5-19 | N. A. C.<br>A. McD.  | 27-5-19<br>2-4-20   | Ser. 13-5  | Yarmouth and<br>Clyde.                         | Port H. Cann & Son, Yarmouth,<br>N.S.                                 |
| Brunol.<br>122553           | Quebec, Que.                       | Tug.         | Laid up.                            | J. A. S.             | Not issued.         | Pull. 2    |  | G. J. Paradis, Lac au Saumon,<br>Que.                                 |
| Brunette.<br>94902          | Vancouver, B.C.                    | Tug.         | Vancouver, B.C.<br>3-10-19          | A. F.                | 28-10-19<br>15-9-20 | Ser. 13-2  | Vancouver, Straits of<br>Georgia and Johnston. | Smith Dollar Timber Co.,<br>Vancouver, B.C.                           |
| Buena Vista.<br>130925      | Kingston, Ont.                     | Frt.         | Ottawa, Ont.<br>16-5-19             | J. T. G.             | 2-7-19<br>16-5-20   | Ser. 14    | Rideau Canal.                                  | John Randall, Seeley's Bay,<br>Ont.                                   |
| Burrard.<br>117018          | New Westminster,<br>B.C.           | Tug.         | New Westminster, B.C.<br>31-7-19    | A. F.                | 26-8-19<br>30-7-20  | Ser. 11    | Fraser River and Straits<br>of Georgia.        | Monarch Towing and Trad-<br>ing Co., Ltd., New West-<br>minster, B.C. |
| Burwash.<br>126403          | Ottawa, Ont.                       | Tug.         | Red Pine Clutte.<br>8-8-19          | J. E. L.             | 29-8-19<br>8-8-20   | Pull. 9-6  | Lake Kippewa.                                  | McLaughlin Bros., Amrprior,<br>Ont.                                   |
| Bustekagan.<br>Kenora, Ont. | 131918                             | Tug.         | Fort Frances, Ont.<br>21-5-19       | W. J. V.             | 27-5-19<br>21-5-20  | Tw. ser. 5 | Rainy River and Lake.                          | Shelvin Clark Co., Fort<br>Francis, Ont.                              |
| Buster B.<br>133718         | Vancouver, B.C.                    | Tug.         | Vancouver, B.C.<br>7-1-20           | H. G. R.             | 8-1-20<br>30-4-20   | Ser. 6     | Vancouver and Straits<br>of Georgia.           | C. E. Keeling, North Van-<br>couver, B.C.                             |
| Busy Bee.<br>141006         | Quebec, Que.                       | Tug.         | Lauzon, P. Q.<br>6-11-19            | J. A. S.             | 18-11-19<br>6-11-20 | Ser. 43    | Kingston and Father<br>Point.                  | Davie Shipbuilding and Re-<br>pairing Co., Lauzon, P. Q.              |
| Bute.<br>116407             | Victoria, B.C.                     | Tug.         | Vancouver, B.C.<br>26-9-19          | A. F.                | 8-10-19<br>25-9-20  | Ser. 13    | Vancouver and Straits<br>of Georgia.           | John Duncan McNeill, Van-<br>couver, B.C.                             |
| C. A. B.<br>126922          | Quebec, P. Q.                      | Tug.         | Lauzon, P. Q.<br>7-5-19             | J. A. S.             | 12-5-19<br>7-5-20   | Ser. 6-3   | Quebec Harbour.                                | C. A. Bernier, Lauzon,<br>Lévis, P. Q.                                |
| C. F. P.<br>130498          | New Westminster,<br>B.C.           | Tug.         | New Westminster, B.C.<br>25-7-19    | A. F.                | 29-7-19<br>24-7-20  | Ser. 5-6   | Fraser River.                                  | Canadian Fish Products,<br>Ltd., London, Ont.                         |
| C. B. Powell.<br>92664      | Ottawa, Ont.                       | Tug.         | Pembroke, Ont.<br>21-5-19           | J. E. L.             | 27-5-19<br>21-5-20  | Pull. 21   | Pembroke and<br>Desjardins.                    | Upper Ottawa Improvement<br>Co., Ottawa, Ont.                         |
| C. C. Lloyd.<br>130290      | St-Catharines, Ont.                | Fishing tug. | Port Maitland, Ont.<br>31-7-19      | J. B. S.             | 1-8-19<br>31-7-20   | Ser. 10-6  | Lake Erie.                                     | Chas. Crumb & Frank Ross,<br>Dunnville, Ont.                          |
| C. C. Wilson.               | Wood.                              | Tug.         | Garthby, P. Q.<br>11-7-19           | J. A. S.             | Not issued.         | Ser. 17    | Lake Aylmer.                                   | Brampton Pulp and Paper<br>Co.  |
| C. E. Ainsworth.<br>107485  | Sault Ste. Marie,<br>Mich.<br>Ont. | Fishing tug. | Michipicoten.<br>3-6-18             | P. W. L.             | 28-6-19<br>21-6-20  | Ser. 19-6  | Lake Superior.                                 | Dominion Fish Co., Winni-<br>peg, Man.                                |
| C. F. Eddy.<br>112189       | Toronto, Ont.                      | Tug.         | Blind River, Ont.<br>18-10-19       | P. W. L.             | Not issued.         | Ser. 2-1   | Flessalon and vicinity.                        | Mrs. E. J. Kennedy, Garden<br>River, Ont.                             |
| C. J. Booth.<br>122646      | Ottawa, Ont.                       | Pass. tug.   | Kippewa, Ont.<br>7-8-19<br>16-8-19  | J. E. L.<br>M. R. D. | 30-8-19<br>18-8-20  | Pull. 15-6 | Lake Kippewa.                                  | J. R. Both, Ottawa, Ont.  |

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TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No. Port of Registry.<br>Noms des navires—Noms des officiers. Ports d'enregistrement. | Tonnage.       | Where and when Built—Material.<br>Année et lieu de construction—Nature de la coque. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate Issued—Expises.<br>Certificat—Dépenses—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. en H. P. | Route.                                | Name and Address of Owners.<br>Noms of addresses des propriétaires. |
|---|----------------|---|---|--|---|--|---|---------------------------------------|---|
| C. M. Wood,<br>101202 St. John's, Nfld.   | 88<br>49       | 1872 Wood,<br>New York, U.S.A.  | Tug.  | North Sydney, N.S.<br>19-12-19                               | D. J. M.  | 23 12 19<br>5 12 20  | Ser. 23                                       | Sydney and Coasting                   | Dominion Coal Co., Sydney,<br>C.B.                                  |
| C. R. Smith,<br>131054 Port Arthur, Ont.  | 202            | 1912 Wood,<br>The Pass, Man.  | Tug.  | The Pass, Man.<br>29-4-19                                    | J. T. M.  | 30 4 19<br>29 4 20   | Pol. 16-3                                     | Saskatchewan River.                   | Finger Lumber Co., The<br>Pass, Man.                                |
| C. W. Chamberlain,<br>80571 Kingston, Ont.  | 355<br>243     | 1881 Wood,<br>Walkerville, Ont.   | Frt.  | Kingston, Ont.<br>12 4 19<br>16 4 19                         | T. P. T.<br>M. R. D.                                | 16 4 19<br>12 1 20   | Ser. 41-9                                     | Lake Erie and Quebec                  | Swift and Martin, Kingston,<br>Ont.                                 |
| Cabotin,<br>133825 Montreal, P.Q.   | 1,530          | 1880 Wood,<br>Gibralter, Mich.  | Frt.  | Ogdensburg, U.S.A.<br>10 5 19<br>25 4 19                     | T. P. T.<br>M. R. D.                                | 12 5 19<br>1 1 20  | Ser. 98                                       | Fort William and Father<br>Point.     | George Hall Coal Co. of<br>Canada, Montreal, P.Q.                   |
| Cadillac,<br>138240 Montreal, P.Q.  | 1,297          | 1892 Steel,<br>Chicago, U.S.A.  | Frt.  | Toronto, Ont.<br>12 4 19<br>19 4 19                          | J. B. S.<br>W. E.                                   | 9 5-19<br>19 4 20  | Ser. 88                                       | Coasting and Inland.                  | Canada S.S. Lines, Ltd.,<br>Montreal, P.Q.                          |
| Caldora,<br>138272 St. Catharines,<br>Ont.  | 41<br>17       | 1912 Wood,<br>Erie, Penn.   | Fishing tug                                   | Dunnville, Ont.<br>22-10-19                                  | J. B. S.  | 28 10 19<br>20 7 20  | Ser. 5  | Lake Erie                             | Little & Siddell, Port Mait-<br>land, Ont.                          |
| Calumet Island<br>131131 Ottawa, Ont.   | 18             | 1909 Wood,<br>Calumet Island, Ont.  | Ferry,<br>10                                  | Calumet Island, Ont.<br>16 7-19                              | M. R. D.  | Not issued   | Ser. 1  | Calumet Island and<br>Carnapolis Bay. | Fred. Lacombeur, Calumet<br>Island, Ont.                            |
| Calvin Austin,<br>127768 Boston, Mass.  | 3,826<br>2,851 | 1903 Steel,<br>Wilmington, Del.   | Pass,<br>234                                  | Boston, Mass.<br>15 4 19                                     | C. E. D.<br>W. R. B.                                | 17 4 19<br>15 4 20   | Ser. 248                                      | Boston, St. John and<br>Coasting.     | Eastern S.S. Corpor., Boston,<br>Mass.                              |
| Canamos,<br>121204 Vancouver, B.C.  | 1,369          | 1905 Steel,<br>Paisley, G.B.  | Freight and<br>pass                           | Vancouver, B.C.<br>3 2 20<br>19 2 20                         | A. F.<br>A. F.                                      | 9 3-20<br>4 2 21   | Ser. 124-7                                    | Vancouver and Prince<br>Rupert.       | Union S.S. Co. of B.C., Ltd.,<br>Vancouver, B.C.                    |
| Canamnia,<br>100869 Quebec, P.Q.  | 23             | 1884 Wood,<br>Lake Megantic, P.Q.   | Tug.  | Tug.<br>18-10-19   | J. A. S.  | 20 10-19<br>18 10 20   | Ser. 2-3                                      | Lake Megantic, P.Q.                   | G. M. Stearns, Megantic,<br>P.Q.                                    |
| Canada,<br>99075 Vancouver, B.C.  | 151<br>66      | 1892 Iron,<br>Beverley, Eng.  | Fishing<br>boat.                              | Vancouver, B.C.<br>3-12-19                                   | H. G. R.  | 4 12 19<br>1 12-20   | Ser. 45                                       | Vancouver and Coast-<br>wise.         | Can. Fish. Co., Ltd., Van-<br>couver, B.C.                          |
| Canadian<br>122533 Vancouver, B.C.  | 64             | 1907 Wood,<br>New Westminster,<br>B.C.  | Tug.  | Vancouver, B.C.<br>24 7-19                                   | A. F.   | 30 7-19<br>17 5-20   | Ser. 13                                       | Vancouver and Straits<br>of Georgia.  | H. Wilbur, et al., Vancouver,<br>B.C.                               |
| Canadian Adventurer<br>14486 Montreal.  | 2,069<br>1,201 | 1919 Steel,<br>Port Arthur, Ont.  | Freight                                       | Port Arthur, Ont.<br>28 10 20                                | W. J. V.  | 29 10-19<br>28 10-20   | Ser. 147                                      | Foreign going                         | The Minister of M. & F.,<br>Ottawa, Ont.                            |
| Canadian Aviator,<br>144517 Vancouver, B.C.   | 3,388          | 1919 Steel,<br>N. Vancouver, B.C.   | Freight                                       | N. Vancouver, B.C.<br>15 11 19                               | H. G. R.  | 16 11-19<br>24 11-20   | Ser. 231                                      | Vancouver and Foreign<br>going.       | The Minister of M. & F.,<br>Ottawa, Ont.                            |
| Canadian Exporter,<br>141703 Vancouver, B.C.  | 5,498<br>3,385 | 1919 Steel,<br>Vancouver, B.C.  | Pass,<br>5                                    | Vancouver, B.C.<br>8-3-20                                    | H. G. R.  | 23 3-20<br>7 3-21  | Ser. 206                                      | Foreign going                         | The Minister of Marine<br>and Fisheries, Ottawa,<br>Ont.            |

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|  |   |              |  |                              |                      |          |                    |   |
|--|---|--------------|--|------------------------------|----------------------|----------|--------------------|---|
| Canadian Importer,<br>141568 Vancouver, B.C. | 5,455 1919 Steel,<br>3,499 Vancouver, B.C.        | Freight..... | Vancouver, B.C.<br>24-1-20<br>25-1-21    | H. G. R.....                 | 3-2-20<br>25-1-21    | Ser. 266 | Foreign going..... | The Minister of Marine and<br>Fisheries, Ottawa, Ont. |
| Canadian Gunner<br>141478 Montreal.          | 2,415 1919 Steel,<br>1,434 Collingwood, Ont.      | Freight..... | Collingwood, Ont.<br>3-11-19             | P. W. L.....<br>S. D. A..... | 5-11-19<br>5-11-20   | Ser. 124 | Foreign going..... | The Minister of Marine and<br>Fisheries, Ottawa, Ont. |
| Canadian Miller<br>141474 Montreal           | 5,139 1919 Steel,<br>3,336 Montreal, P.Q.         | Freight..... | Montreal, P.Q.<br>17-9-19                | J. E. L.....<br>P. D.....    | 24-9-19<br>17-9-20   | Ser. 267 | Foreign going..... | The Minister of Marine and<br>Fisheries, Ottawa, Ont. |
| Canadian Navigator<br>141483 Montreal.       | 3,161 1919 Steel,<br>1,922 Montreal, P.Q.         | Freight..... | Montreal, P.Q.<br>21-11-19               | J. T. G.....<br>P. D.....    | 23-11-19<br>21-11-20 | Ser. 226 | Foreign going..... | The Minister of Marine and<br>Fisheries, Ottawa, Ont. |
| Canadian Pioneer<br>140558 Montreal.         | 5,758 1918 Steel,<br>3,519 Montreal, P.Q.         | Freight..... | Montreal, P.Q.<br>7-5-19                 | J. E. L.....<br>P. D.....    | 9-5-19<br>6-5-20     | Ser. 266 | Foreign going..... | The Minister of Marine and<br>Fisheries, Ottawa, Ont. |
| Canadian Raider<br>141564 Vancouver, B.C.    | 3384 1919 Steel,<br>2052 North Vancouver,<br>B.C. | Freight..... | N. Vancouver, B.C.<br>15-1-20<br>17-1-20 | H. G. R.....                 | 23-1-20<br>15-1-21   | Ser. 231 | Foreign going..... | The Minister of Marine and<br>Fisheries, Ottawa, Ont. |
| Canadian Rancher,<br>141489 Montreal, P.Q.   | 3531 1919 Steel,<br>2159 Three Rivers, P.Q.       | Freight..... | Three Rivers, P.Q.<br>12-12-19           | F. X. H.....                 | Not issued           | Ser. 231 | Foreign going..... | The Minister of Marine and<br>Fisheries, Ottawa, Ont. |
| Canadian Ranger<br>140961 Montreal.          | 5752 1919 Steel,<br>3551 Montreal, P.Q.           | Freight..... | Montreal.<br>17-5-19<br>22-5-19          | J. E. L.....<br>P. D.....    | 29-5-19<br>22-5-20   | Ser. 266 | Foreign going..... | The Minister of Marine and<br>Fisheries, Ottawa, Ont. |
| Canadian Recruit<br>141366 Montreal.         | 2499 1919 Steel,<br>1454 Collingwood, Ont.        | Freight..... | Collingwood, Ont.<br>2-6-19<br>6-6-19    | P. W. L.....<br>S. D. A..... | 6-6-19<br>6-6-20     | Ser. 124 | Foreign going..... | The Minister of Marine and<br>Fisheries, Ottawa, Ont. |
| Canadian Sailor<br>141377 Montreal.          | 2186 1919 Steel,<br>1283 Port Arthur, Ont.        | Freight..... | Port Arthur, Ont.<br>5-8-19              | W. J. V.....                 | 5-8-19<br>5-8-20     | Ser. 137 | Foreign going..... | The Minister of Marine and<br>Fisheries, Ottawa, Ont. |
| Canadian Sealer<br>141581 Montreal, P.Q.     | 1766 1919 Steel,<br>1043 Trenton, N.S.            | Freight..... | Pictou, N.S.<br>29-12-19                 | N. A. C.....                 | 19-5-20<br>29-12-20  | Ser. 110 | Foreign going..... | The Minister of Marine and<br>Fisheries, Ottawa, Ont. |
| Canadian Seigneur<br>141368 Montreal.        | 5757 1919 Steel,<br>3554 Montreal, P.Q.           | Freight..... | Montreal, P.Q.<br>15-8-19                | J. T. G.....<br>P. D.....    | 19-8-19<br>15-8-20   | Ser. 266 | Foreign going..... | The Minister of Marine and<br>Fisheries, Ottawa, Ont. |
| Canadian Settler<br>141488 Montreal.         | 3548 1919 Steel,<br>2156 Three Rivers, P.Q.       | Freight..... | Three Rivers, P.Q.<br>28-11-19           | F. X. H.....<br>P. D.....    | 1-12-19<br>28-11-20  | Ser. 231 | Foreign going..... | The Minister of Marine and<br>Fisheries, Ottawa, Ont. |
| Canadian Signaller<br>141479 Montreal.       | 2415 1919 Steel,<br>1455 Collingwood, Ont.        | Freight..... | Collingwood, Ont.<br>13-8-19<br>29-8-19  | P. W. L.....<br>S. D. A..... | 29-8-19<br>29-8-20   | Ser. 124 | Foreign going..... | The Minister of Marine and<br>Fisheries, Ottawa, Ont. |
| Canadian Sower<br>141487 Montreal.           | 2242 1919 Steel,<br>1277 Port Arthur, Ont.        | Freight..... | Port Arthur, Ont.<br>18-11-19            | W. J. V.....                 | 18-11-19<br>18-11-20 | Ser. 146 | Foreign going..... | The Minister of Marine and<br>Fisheries, Ottawa, Ont. |
| Canadian Spinner<br>141481 Montreal.         | 5404 1919 Steel,<br>3331 Montreal, P.Q.           | Freight..... | Montreal, P.Q.<br>1-12-19<br>5-12-20     | J. E. L.....<br>P. D.....    | 5-12-19<br>5-12-20   | Ser. 266 | Foreign going..... | The Minister of Marine and<br>Fisheries, Ottawa, Ont. |
| Canadian Trader<br>141376 Montreal.          | 2186 1919 Steel,<br>1283 Port Arthur, Ont.        | Freight..... | Port Arthur, Ont.<br>16-7-19             | W. J. V.....                 | 6-7-19<br>6-7-20     | Ser. 138 | Foreign going..... | The Minister of Marine and<br>Fisheries, Ottawa, Ont. |
| Canadian Trooper<br>141431 Vancouver, B.C.   | 3180 1919 Steel,<br>1910 N. Vancouver, B.C.       | Freight..... | N. Vancouver, B.C.<br>3-8-19             | H. G. R.....                 | 7-8-19<br>3-8-20     | Ser. 226 | Foreign going..... | The Minister of Marine and<br>Fisheries, Ottawa, Ont. |
| Canadian Volunteer<br>141424 Vancouver, B.C. | 3188 1919 Steel,<br>1910 N. Vancouver, B.C.       | Freight..... | Vancouver, B.C.<br>18-6-19               | H. G. R.....                 | 18-6-19<br>17-6-20   | Ser. 226 | Foreign going..... | The Minister of Marine and<br>Fisheries, Ottawa, Ont. |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Números oficiales—Ports d'enregistrement. | Tonnage.       | Where and when Built—Material. Année et lieu de construction—Nature de la coque. | Trade—No. of Pass. Service—Nombre de pass. | Port and date of Inspection. Ports et dates d'inspection. | Inspectors' Initials. Initiales des inspecteurs. | Certificate: Expires. Certificat: Délivrance—Expiration. | Propulsion—N.H.P. Propulsion—N. en H.P. | Route.                              | Name and Address of Owners. Noms et adresses des propriétaires. |
|---|----------------|--|--|---|--|--|---|-------------------------------------|---|
| Canadian Warrior.<br>140760 Montreal.   | 2409<br>1453   | 1919 Steel.<br>Collingwood, Ont.   | Frt.                                       | Collingwood, Ont.<br>7-3-19<br>29-4-20                    | P. W. L.<br>S. D. A.                             | 7-5-19<br>29-4-20  | Ser. 124                                | Foreign going.                      | The Minister of Marine and Fisheries, Ottawa, Ont.              |
| Canadianna.<br>207479 Buffalo, U.S.A.   | 974<br>427     | 1910 Steel.<br>Buffalo, N.Y.   | Pass.<br>3,500                             | Tonawanda.<br>26-5-19<br>Buffalo.<br>26-5-19              | J. B. S.<br>W. E.                                | 28-5-19<br>20-5-20                                       | Ser. 138                                | Buffalo and Crystal Beach.          | Buffalo and Lake Erie Excursion Co.                             |
| Canobie.<br>133826 Montreal, P.Q.   | 1,748<br>1,051 | 1887 Wood.<br>Detroit, Mich.   | Frt.                                       | Montreal, P.Q.<br>1-4-19<br>15-4-19                       | J. F. L.<br>P. D.                                | 19-4-19<br>1-4-20  | Ser. 94                                 | Quebec and Lake Erie                | Lehigh Coal Co., Ltd., Montreal, P.Q.                           |
| Canora.<br>138800 Quebec, P.Q.  | 2,383<br>940   | 1918 Steel.<br>Lauzon, P.Q.  | Frt.                                       | Quebec, P.Q.<br>8-8-19<br>12-8-19                         | J. A. S.<br>P. D.                                | 22-8-19<br>5-8-20  | Ser. 190                                | Port Mann to Patricia Bay.          | Can. North. S. S. Co., Toronto, Ont.                            |
| Cap Finisartre.<br>141212 Vancouver.  | 1,470<br>1,189 | 1918 Wood.<br>N. Vancouver.  | Frt.                                       | Vancouver, B.C.<br>9-4-19                                 | H. G. R.   | 10-4-19<br>8-4-20  | Ser. 52                                 | Foreign going.                      | Wm. Lyall Shipbuilding Co., Ltd., Montreal, P.Q.                |
| Cap. Vincent.<br>141300 Vancouver.  | 1,471<br>1,179 | 1918 Wood.<br>N. Vancouver, B.C.   | Frt.                                       | N. Vancouver, B.C.<br>16-4-19                             | H. G. R.   | 16-4-19<br>15-4-20                                       | Tw. Ser.                                | Foreign going.                      | Wm. Lyall Shipbuilding Co., Ltd., Montreal, P.Q.                |
| Cape Breton.<br>97808 Montreal, P.Q.  | 1,764<br>1,109 | 1890 Steel.<br>Sunderland, G. B.   | Frt.                                       | Sydney, N.S.<br>25-5-19<br>11-11-19                       | N. A. C.<br>D. K. O'B.                           | 3-12-19<br>25-5-20                                       | Ser. 160                                | Coasting.                           | Steamship Cape Breton Co., Sydney, N.S.                         |
| Capt. Hermans.<br>130350 Port Arthur, Ont.  | 19<br>13       | 1902 Steel.<br>Buffalo, U.S.A.   | Fishing tug.                               | Rosport, Ont.<br>23-9-19                                  | W. J. V.   | 30-9-19<br>23-9-20                                       | Ser. 6                                  | Jackfish and Nipigon Straits.       | Andrew Sutherland, Rosport, Ont.                                |
| Captain Jim.<br>107139 Goderich, Ont.   | 58<br>39       | 1902 Wood.<br>Goderich, Ont.   | Fishing tug.                               | Michipicoten Island, Ont.<br>21-6-19                      | P. W. L.   | 28-6-19<br>21-6-20                                       | Ser. 19.5                               | Lake Superior                       | Dominion Fish Co., Winnipeg, Man.                               |
| Capt. Visgar.<br>137983 Kingston.   | 30<br>21       | 1895 Wood.<br>Alex. Bay, N.Y.<br>1919 Rebuilt.                                   | Fishing boat                               | Kingston, Ont.<br>5-9-19                                  | T. P. T.   | 10-12-19   | Ser. 2                                  | Kingston to Toronto.                | The Minister of Fish and Game, Toronto, Ont.                    |
| Carsarquet.<br>104040 Southampton.  | 4,889<br>2,975 | 1894 Steel.<br>Belfast, Ireland.   | Pass.<br>216                               | Hullfax, N.S.<br>15-5-19<br>14-5-19                       | D. J. M.<br>A. McD.                              | 14-5-20<br>14-5-20                                       | Ser. 245                                | Canada and Foreign.                 | Royal Mail Steam Packet Co., London, G. B.                      |
| Carberry.<br>112293 Winnipeg, Man.  | 64<br>44       | 1903 Wood.<br>Westburn, Man.<br>1918 Rebuilt.<br>Selkirk.                        | Fishing tug.                               | Selkirk, Man.<br>6-5-19                                   | J. T. M.   | 8-5-19<br>8-5-20   | Tw. Ser. 6                              | Lake Winnipeg.                      | Northern Fish Co., Selkirk, Man.                                |
| Caribou.<br>116249 Sault Ste. Marie, Ont.   | 597<br>371     | 1904 Wood.<br>Goderich, Ont.   | Pass.<br>135                               | Owen Sound, Ont.<br>10-4-19<br>21-4-19                    | P. W. L.<br>S. D. A.                             | 25-4-19<br>10-4-20                                       | Ser. 43.7                               | Owen Sound and Michipicoten Island. | Dominion Fish Co., Winnipeg, Man.                               |
| Carillon.<br>131124 Ottawa, Ont.  | 41<br>24       | 1912 Wood.<br>Ottawa, Ont.   | Tug.                                       | Montreal, P.Q.<br>3-5-19                                  | J. T. G.   | 8-5-19<br>3-5-20   | Ser. 16.5                               | Lachine Canal.                      | Minister of Railways and Canals, Ottawa, Ont.                   |

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|              |                                      |                |                                     |                      |                      |                               |                |   |  |
|--------------|--------------------------------------|----------------|-------------------------------------|----------------------|----------------------|-------------------------------|----------------|---|--|
| 22<br>1<br>3 | Carlotina, Midland.                  | 114, 122416    | Wood, Midland, Ont.                 | Midland, Ont.        | G. M. A.             | 2-5-19<br>28-4-20             | Ser. 31        | Lakes Huron and Erie and Georgian Bay.  | Las, Playfair, Midland, Ont.                         |
|              | Carmilia, Montreal, Que.             | 63, 39         | 1902 Wood, Sorel, P.Q.              | Sorel, P.Q.          | F. X. H.             | Not issued.                   | Ser. 28        | Sorel Harbour.                          | Minister of Marine and Fisheries, Ottawa, Ont.       |
|              | <i>Carrie Helen</i> , St. John, N.B. | 19, 130638     | 1912 Wood, Recd's Point, N.B.       | Gondola Pt., N.B.    | C. E. D.<br>W. R. B. | 2-10-19<br>1-10-20            | Cable.         | Gondola Pt. to Recds Pt., N.B.          | P. J. Veniot, Fredericton, Ont.                      |
|              | Cartier, Ottawa, Ont.                | 556, 234       | 1910 Steel, Newcastle-on-Tyne.      | Hydro. survey        | D. J. M.             | Not issued.                   | Tw. ser. 99    | Halifax and Coastwise.                  | Minister of Naval Service, Ottawa, Ont.              |
|              | Casca, Victoria, B.C.                | 1, 079, 790    | 1911 Wood, White Horse, Y.T.        | Pass. 157            | B. M.                | 12-7-19<br>11-7-20            | Sta. Wld.      | Yukon River.                            | British Yukon Nav. Co., Ltd., Vancouver, B.C.        |
|              | Cascade, Victoria, B.C.              | 112943         | 1902 Wood, Vancouver, B.C.          | Frt. 144             | W. J. C.             | 8-12-19<br>3-12-20            | Ser. 16        | Coasting, B.C.                          | Cascade Freight and Towing Co., Ltd., Victoria, B.C. |
|              | Cassiar, Vancouver, B.C.             | 597, 384       | 1890 Wood, Ballard, U.S.A.          | Frt. and Pass. 144   | A. McD.<br>A. F.     | 3-9-18<br>16-1-20<br>30-1-20  | Ser. 43        | Vancouver and Kingcome Inlet.           | Union S.S. Co. of B.C., Ltd., Vancouver, B.C.        |
|              | Castlegar, Vancouver, B.C.           | 104, 71        | 1911 Wood, Okanagan Landing, B.C.   | Tug. 144             | W. J. C.             | 16-5-19<br>12-5-20            | Ser. 27        | Okanagan Landing and Pentiction.        | Can. Pacific Railway Co., Montreal, P.Q.             |
|              | Castlencau, Quebec, P.Q.             | 32, 138799     | 1916 Wood, Bie, Que.                | Tug. 8-8-19          | J. A. S.             | Not issued.                   | Ser. 9         | Bie and Rimouski.                       | G. Gamache, Bie, Que.                                |
|              | Castor, Ottawa, Ont.                 | 88, 23         | 1907 Steel, Pembroke, Ont.          | Tug. 21-5-19         | J. E. L.             | 27-5-19<br>21-5-20            | Pdl.           | Pembroke and Despotelims.               | Upper Ottawa Improvement Co., Ottawa, Ont.           |
|              | Cataract, Montreal, P.Q.             | 839, 77698     | 1882 Composite, 1918 Montreal, P.Q. | Frt. 2, 150          | T. P. T.<br>M. R. D. | 25-1-19<br>4-4-20             | Ser. 66-6      | Port William and Father Point.          | Montreal Transp. Co., Montreal, P.Q.                 |
|              | Cayuga, Toronto, Ont.                | 2, 196, 1, 168 | 1907 Steel, Toronto, Ont.           | Pass. 2, 150         | G. M. A.             | 14-5-19<br>12-5-20            | Tw. ser. 328-7 | Toronto, Lewiston and Charlotte.        | Canada S.S. Lines, Montreal, P.Q.                    |
|              | Celestial Empire, Liverpool, G.B.    | 204, 80        | 1897 Iron, Urali, G.B.              | Fishing boat 16-1-20 | H. G. R.             | 17-1-20<br>15-1-21            | Ser. 59        | Vancouver and coasting.                 | Canadian Fishing Co., Ltd., Vancouver, B.C.          |
|              | Celtic, Vancouver, B.C.              | 239, 163       | 1907 Wood, Vancouver, B.C.          | Frt. 15-8-19         | H. G. R.             | 19-8-19<br>14-8-20            | Ser. 16-5      | Vancouver and Prince Rupert.            | Coasting Steamship Co., Vancouver, B.C.              |
|              | Centre Star, Vancouver, B.C.         | 39, 27         | 1912 Wood, Vancouver, B.C.          | Tug. 15-3-20         | A. F.                | 8-3-20<br>12-3-21             | Ser. 8-2       | Vancouver, Howe Sound and Fraser River. | W. S. Nicholls, Vancouver, B.C.                      |
|              | Chalour, Southampton, G.B.           | 4, 758, 2, 830 | 1893 Steel, Lachine, P.Q.           | Pass. 200            | D. J. M.<br>A. McD.  | 29-5-19<br>29-5-20            | Tw. ser. 243   | Forcign-going.                          | Royal Mail Steam Packet Co., London, Eng.            |
|              | Challenger, Quebec, Que.             | 73, 92331      | 1886 Wood, Quebec, P.Q.             | Tug. 14-4-19         | J. A. S.             | 6-5-19<br>6-5-20              | Ser. 51        | Quebec and Father Point.                | La Cie Etienne Dussault, Quebec, P.Q.                |
|              | Champion, Quebec, P.Q.               | 482, 103975    | 1897 Steel, Quebec, P.Q.            | Pass. 600            | J. A. S.<br>P. D.    | 30-5-19<br>17-5-19<br>30-5-19 | Pdl. 44-9      | Quebec and Berthier.                    | La Cie Maritime et Industrielle de Lévis, P.Q.       |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Números oficiales—Ports d'enregistrement. | Tonnage.       | Where and When Built—Material.<br>Année et lieu de construction—Nature du la coque. | Trade—No of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs | Certificate: Issued—Expires.<br>Certificat: Délivrance—Expiration. | Propulsion—N.H.P.<br>Propulsion—N. en H.P. | Route.                          | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|----------------|---|--|--|--|--|--|---------------------------------|--|
| Champlain<br>103956 St. John, N.B.  | 392<br>267     | 1897 Wood.<br>Valley field, P.Q.  | Pass. frt<br>570                             | St. John, N.B.<br>11-1-19                                    | C. E. D.<br>W. R. B.                               | 11-1-19<br>11-4-20   | Ser 29                                     | St. John River                  | Majestic Steamship Co.,<br>St. John, N.B.                          |
| Champlain<br>116999 Ottawa, Ont.  | 522<br>229     | 1901 Steel<br>Pansley, G.B.   | Pass.<br>120                                 | Quebec, P.Q.<br>18-1-19<br>18-6-19                           | P. D.  | 18-6-19<br>18-6-20   | Ser 87-4                                   | River Ouelle and Murray Bay.    | Minister of Marine and Fisheries, Ottawa, Ont.                     |
| Charlemagne<br>100180 Montreal, Que.  | 76<br>32       | 1891 Wood.<br>Montreal, P.Q.  | Flag   | Charlemagne, P.Q.<br>15-1-19                                 | J. T. G.   | 29-1-19<br>15-1-20   | Ser 37-5                                   | Montreal and Three Rivers       | Charlemagne Lumber Co.,<br>Montreal, Que.                          |
| Charles E. Armstrong<br>37008 St. Catharines, Ont.  | 19<br>33       | 1871 Wood<br>St. Catharines, Ont.   | Flag.  | St. Robinson, Ont.<br>17-1-19                                | J. B. S.   | Not issued   | Ser 11                                     | New Weller Canal.               | Can. Dredging Co., Midland,<br>Ont.                                |
| Charles H. Shaw<br>134492 Quebec, P.Q.  | 1,189<br>951   | 1889 Wood.<br>Detroit, Mich.  | Car ferry                                    | Quebec, P.Q.<br>9-12-19                                      | P. D.  | 12-12-19<br>9-12-20  | Ser 116                                    | Quebec and Lewis.               | Quebec and Lewis Ferry Co.,<br>Quebec, P.Q.                        |
| Charles Halliday<br>13386 Sault Ste. Marie, Ont.  | 47<br>29       | 1881 Wood.<br>Saugathuck, Mich.   | Flag   | Sault Ste. Marie, Ont.<br>24-5-19                            | P. W. L.   | 30-5-19<br>30-5-20   | Ser 32-6                                   | Great Lakes.                    | A. B. McJean, Sault Ste.<br>Marie, Ont.                            |
| Charles Lyon<br>123975 Prescott, Ont.   | 1,652<br>1,127 | 1908 Steel.<br>Toronto, Ont.  | Car ferry.<br>25                             | Prescott, Ont.<br>16-6-19<br>23-5-19                         | T. P. T.<br>M. R. D.                               | 23-6-19<br>16-6-20   | Ser 161                                    | Prescott and Ogdensburg.        | Can. Pac. Transfer Co.,<br>Prescott, Ont.                          |
| Charles M. Scott<br>122150 St. John, N.B.   | 17<br>11       | Wood  | Flag.  | St. John, N.B.<br>29-4-19                                    | C. E. D.   | 29-1-19<br>29-4-20   | Ser 7                                      | Musquash Head and Cape Spencer. | J. S. Gregory, St. John,<br>N.B.                                   |
| Charles W.<br>103676 Toronto, Ont.  | 50<br>30       | 1897 Wood<br>Gravenhurst, Ont.  | Pass.<br>32                                  | Gravenhurst, Ont.<br>27-5-19                                 | G. M. A.   | Not issued.  | Ser 8-2                                    | Muskoka Lakes.                  | Muskoka Lakes Navigation<br>and Hotel Co., Ltd.,<br>Toronto, Ont.  |
| Charlton<br>80622 Windsor, Ont.   | 389<br>255     | 1882 Wood<br>Chicago, Ill.  | Flag.  | Victoria Harbour, Ont.<br>10-19-18                           | G. M. A.   | 16-10-19<br>30-9-20  | Ser 69-4                                   | Georgian Bay.                   | Victoria Lumber Co., Ltd.,<br>Toronto, Ont.                        |
| Charrier<br>106793 Victoria, B.C.   | 1,014<br>497   | 1887 Steel.<br>San Francisco.   | Pass.<br>226                                 | Victoria, B.C.<br>16-7-19                                    | W. J. C.   | 22-7-19<br>16-7-20   | Ser 161-5                                  | Victoria, Vancouver and Comox.  | Can. Pacific Railway, Montreal, P.Q.                               |
| Chasing (ex Sedman)<br>85675 Vancouver, B.C.  | 250<br>130     | 1881 Iron & Steel<br>Glasgow, Scot.   | Frt. and Pass. 153.                          | Vancouver, B.C.<br>16-1-20<br>20-1-20                        | A. F.  | 29-1-20<br>15-1-21   | Ser 51                                     | Vancouver and Powell River.     | Union S.S. Co. of B.C., Ltd.,<br>Vancouver, B.C.                   |
| Clantson<br>130282 St. Catharines, Ont.   | 55<br>34       | 1911 Wood<br>Port Robson, Ont.  | Flag.  | Cornwall, Ont.<br>9-9-19                                     | T. P. T.   | 12-9-19<br>20-8-20   | Ser 10-8                                   | Cornwall Canal.                 | Pendergast Bros., Cornwall,<br>Ont.                                |
| Claudiere<br>123693 London, G.B.  | 4,019<br>2,499 | 1889 Steel<br>Middlesboro, G.B.   | Pass.<br>192                                 | Halifax, N.S.<br>23-12-19<br>22-12-19                        | N. A. C.<br>D. K. O. B.                            | 21-12-19<br>27-10-20   | Ser 339                                    | Foreign going.                  | Royal Mail Steam Packet<br>Co., London, G.B.                       |

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| Steamship Co. of B.C. Ltd., Vancouver, B.C. | King                          | Vancouver and come Inlet. | King     | Union Steamship Co. of B.C. Ltd., Vancouver, B.C. |
|---|-------------------------------|---------------------------|----------|---|
| 680 Cheakamus                               | 1910 Steel                    | Vancouver, B.C.           | A. F.    | 30-7-19   |
| 130305 Vancouver, B.C.                      | 463 Dublin, Ireland.          | 9-6-19                    |          | 8-0-20  |
|   | 1913 Reboull, Esquimaut, B.C. |                           |          |   |
|   | 578 1897 Steel                | Halifax, N.S.             | D. J. M. | 31 7-19   |
|   | 181 Glasgow, G.B.             | 3-7-19                    | N. A. C. | 31 7-20   |
|   |                               | 31-7-19                   | A. McD.  |   |
|   | 1-131 1911 Steel              | Vancouver, B.C.           | H. G. R. | 12-3-20   |
|   | 597 Dublin, Ireland.          | 5-3-20                    | H. G. R. | 10-3-21   |
|   | 153 1909 Wood                 | Vancouver, B.C.           | A. F.    | 30-12-19  |
|   | 71 Chemunus, B.C.             | 27-12-19                  |          | 11-12-20  |
|   | 328 1907 Steel                | Gravenhurst, Ont.         | G. M. A. | 2-7-19  |
|   | 160 Toronto, Ont.             | 27-5-19                   | S. D. A. | 10-7-20   |
|   | 80 1890 Wood                  | Hantsport, N.S.           | D. J. M. | 2-6-19  |
|   | 36 Windsor, N.S.              | 31-5-19                   |          | 31-5-20   |
|   | 65 1890 Wood                  | Vancouver, B.C.           | A. F.    | 28-10-19  |
|   | 390 Victoria, B.C.            | 11-10-19                  |          | 1-10-20   |
|   | 4,756 1893 Steel              | Dartmouth, N.S.           | N. A. C. | 17-4-19   |
|   | 2,943 Belfast, G.B.           | 12-4-19                   | A. McD.  | 12-4-20   |
|   | 86 1908 Wood                  | Halifax, N.S.             | D. J. M. | 8-8-19  |
|   | 361 Port Greville, N.S.       | 14-4-19                   | D. J. M. | 31-1-20   |
|   | 399 1883 Steel                | Mulgrave, N.S.            | A. F.    | 28-11-19  |
|   | 197 Govan, G.B.               | 30-7-19                   |          | 10-10-20  |
|   | 557 1903 Steel                | Vancouver, B.C.           | A. F.    | 11-11-19  |
|   | 222 Bowling, G.B.             | 4-11-19                   |          | 23-9-20   |
|   | 1,544 1893 Steel              | Vancouver, B.C.           | A. F.    | 30-9-20   |
|   | 764 Hamilton, Ont.            | 20-10-19                  |          |   |
|   | 53 1911 Wood                  | Toronto, Ont.             | J. B. S. | 14-5-19   |
|   | 36 Collingwood, Ont.          | 7-5-19                    | W. E.    | 12-5-20   |
|   | 14 1913 Wood                  | Port Stanley, Ont.        | J. B. S. | 30-9-19   |
|   | 10 Port Arthur, Ont.          | 18-9-19                   |          | 18-9-20   |
|   | 42 1918 Wood                  | Rosport, Ont.             | W. J. V. | 30-9-19   |
|   | 28 Port Stanley, Ont.         | 23-9-19                   |          | 23-9-20   |
|   | 247 1890 Wood                 | Port Stanley, Ont.        | J. B. S. | 30-9-19   |
|   | 163 Cleveland, U.S.A.         | 20-9-19                   |          | 20-9-20   |
|   | 126647 Port Dover, Ont.       | Port Huron, U.S.A.        | J. D.    | 10-1-20   |
|   | 126197 Windsor, Ont.          | 25-10-19                  | W. E.    | 12-1-20   |
|   |                               | 11-1-19                   |          |   |
|   |                               | Port Dover, Ont.          | J. B. S. | 28-10-19  |
|   |                               | 24-10-19                  | W. E.    | 24-10-20  |
|   |                               | 20-8-19                   |          |   |
|   |                               | 182 1872 Wood             | J. D.    | 27-10-19  |
|   |                               | 76 Walkerville, Ont.      |          | 24-10-20  |

\*Turned at wharf at Lancaster, Ont.

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Nombres officiels—Ports d'enregistrement. | Tonnage.     | Where and when Built—Material.<br>Année et lieu de construction—Nature de la coque. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Port et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate Issued—Expires.<br>Certificat: Délivrance—Expiration | Propulsion—N. H. P.<br>Propulsion—N. en H. P. | Route.  | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|--------------|---|---|---|---|--|---|---|--|
| City of Hailybury.<br>126401 Ottawa, Ont.   | 38<br>26     | 1908 Wood.<br>Kippewa, P.Q.   | Pass. and<br>Frt.<br>40                       | Red Pine Chute<br>8-8-19<br>Gondette.                       | J. E. L.<br>M. R. D.                                | 3-9-19<br>8-8-20   | Ser.<br>7-5                                   | Lake Kippewa.....   | John Cunningham, Gondette<br>P.Q.                                  |
| City of Hamilton.<br>126526 Ottawa, Ont.  | 1,367<br>630 | 1871 Iron.<br>Buffalo, N.Y.   | Frt.  | Kingston, Ont.<br>17-4-19<br>3-5-19                         | P. P. T.<br>M. R. D.                                | 9-5-19<br>17-4-20  | Ser.<br>80-6                                  | Port William and Father<br>Point.                             | Canada S.S. Lines, Ltd.,<br>Toronto, Ont.                          |
| City of Lund.<br>126545 Vancouver, B.C.   | 49           | 1908 Wood<br>Lund, B.C.   | Tug.  | Vancouver, B.C.<br>6-8-19                                   | H. G. R.  | 7-8-19<br>13-6-20  | Ser.<br>9-6                                   | Vancouver and Lund...   | P. G. and C. A. Thalin,<br>Lund, B.C.                              |
| City of Ottawa.<br>122018 Ottawa, Ont.  | 1,323<br>671 | 1871 Iron.<br>Buffalo, N.Y.   | Frt.  | Toronto, Ont.<br>15-4-19<br>19-4-19                         | G. M. A.<br>W. E.                                   | 9-5-19<br>19-4-20  | Ser.<br>80-6                                  | Lakes and rivers.....   | Canada S.S. Lines, Ltd.,<br>Montreal, P.Q.                         |
| City of Prince Albert.<br>122291 Prince Albert, Sask.   | 131<br>89    | 1906 Wood<br>Prince Albert, Sask.   | Tug.  | Prince Albert, Sask.<br>24-4-19                             | J. T. M.  | 2-5-19<br>26-4-20  | PdL<br>6-7                                    | Sturgeon Landing and<br>The Pas.                              | Prince Albert Lumber Co.<br>Prince Albert, Sask.                   |
| City of Toledo.<br>126738 Detroit, U.S.A.   | 796<br>437   | 1890 Steel.<br>Toledo, U.S.A.<br>1916 Rebuilt.<br>Detroit.                          | Pass.<br>1,364                                | Detroit, Mich.<br>5-6-19                                    | J. D.   | 27-6-19<br>21-5-20   | PdL<br>226-5                                  | Toledo and Port Huron   | White Star Lines, Detroit,<br>U.S.A.                               |
| City of Vernon.<br>122400 Victoria, B.C.  | 19<br>13     | 1908 Wood.<br>Victoria, B.C.  | Tug.  | Kalamalka Lake, B.C.<br>19-5-19                             | W. J. C.  | 19-5-19<br>18-5-20   | Ser.<br>6                                     | Kalamalka Lake.....   | Johnston and Carswell,<br>Vernon, B.C.                             |
| City Queen.<br>111561 Toronto, Ont.   | 69<br>42     | 1900 Wood.<br>Midland, Ont.<br>1909 Rebuilt.  | Pass.<br>20                                   | Midland, Ont.<br>11-10-19<br>9-9-19                         | G. M. A.<br>S. D. A.                                | 3-7-20<br>9-9-20   | Ser.<br>10-7                                  | Playfair, Preston Co., Mid-<br>land, Ont.                     | Playfair, Preston Co., Mid-<br>land, Ont.                          |
| Chasman.<br>107711 Vancouver, B.C.  | 72<br>49     | 1889 Wood.<br>Vancouver, B.C.   | Frt.  | Vancouver, B.C.<br>16-4-19                                  | A. F.   | 21-4-19<br>15-4-20   | Ser.<br>10-7                                  | Vancouver and Straits of<br>Georgia.                          | Coast Steamship Co., Ltd.,<br>Vancouver, B.C.                      |
| Clarence Fix.<br>205430 Buffalo, N.Y.   | 89<br>61     | 1908 Steel.<br>Buffalo, N.Y.  | Pass.<br>327                                  | Buffalo, U.S.A.<br>8-7-19                                   | J. B. S.  | 11-7-19<br>21-6-20   | Ser.<br>7-5                                   | Buffalo Harbour, Erie F. F. and Chas. Fix, Buffalo,<br>River. | Erie F. F. and Chas. Fix, Buffalo,<br>U.S.A.                       |
| Clark Bros.<br>94984 Toronto, Ont.  | 92<br>38     | 1901 Wood.<br>Toronto, Ont.   | Pass.<br>213                                  | Toronto, Ont.<br>19-6-19<br>19-5-19                         | J. B. S.<br>W. E.                                   | 19-6-19<br>19-5-20   | Ser.<br>13-5                                  | Toronto Bay.....  | Toronto Ferry Co., Toronto,<br>Ont.                                |
| Clayburn.<br>121741 Vancouver, B.C.   | 76<br>51     | 1906 Wood<br>Vancouver, B.C.  | Tug.<br>213                                   | Vancouver, B.C.<br>29-9-19                                  | H. G. R.  | 30-9-19<br>12-9-20   | Ser.<br>26-9                                  | Vancouver and Straits of<br>Georgia.                          | Vancouver Tug and Barge<br>Co., Vancouver, B.C.                    |
| Clayton.<br>111670 Parrsboro, N.S.  | 43<br>14     | 1902 Wood.<br>Parrsboro, N.S.   | Tug.<br>14                                    | St. John, N.B.<br>25-7-19                                   | C. E. D.  | 25-7-19<br>25-7-20   | Ser.<br>16-7                                  | Miscunash Head and<br>Cape Spencer.                           | J. A. Gregory, St. John,<br>N.B.                                   |
| Cleeve.<br>103170 Vancouver, B.C.   | 36<br>24     | 1897 Wood.<br>New Westminster, B.C.   | Tug.<br>24                                    | Vancouver, B.C.<br>9-4-19                                   | A. F.   | 17-4-19<br>8-4-20  | Ser.<br>9-1                                   | Vancouver and Straits of<br>Georgia.                          | Wm. N. Coughlin, Van-<br>couver, B.C.                              |
| Clinton (ex Daring).<br>140837 Victoria, B.C.   | 155<br>84    | 1909 Wood.<br>Tacoma, U.S.A.  | Tug.<br>84                                    | Vancouver<br>5-3-20   | H. G. R.  | 6-3-20<br>21-2-21  | Ser.<br>39                                    | Vancouver and Howe<br>Sound.                                  | Pac. Ct. Eastern Ry. Co.,<br>Victoria, B.C.                        |



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|  |   |                |   |                               |   |          |   |
|--|---|----------------|---|-------------------------------|---|----------|---|
| Clinton<br>141661 Toronto, Ont.                  | 1,231<br>727 1889 Iron.<br>Buffalo, U.S.A.        | Frt.           | Toronto, Ont.<br>22-3-20<br>17-4-20                               | J. D.                         | 13-5-20<br>17-4-21                        | Ser.     | Alfred E. Matthews, Toronto, Ont.                         |
| Clive<br>111993 New Westminster, B.C.            | 35 1902 Wood.<br>New Westminster, B.C.            | Tug.           | New Westminster, B.C.<br>30-9-19                                  | A. F.                         | 1-10-19<br>17-9-20                        | Ser.     | Fraser River Pile Driving Co., Ltd., New Westminster B.C. |
| Clutha<br>11957 New Westminster, B.C.            | 28 1903 Wood.<br>New Westminster, B.C.            | Frt. and Pass. | New Westminster, B.C.<br>18-19-19<br>20-10-19                     | A. F.                         | 28-10-19<br>17-10-20                      | Ser.     | G. A. Ward, Alvin, B.C.                                   |
| Coal Barge No. 6                                 | 611 1916 Steel.<br>Sorel, P.Q.                    | Frt.           | Sorel, P.Q.<br>20-5-19  | F. X. H.                      | 4-6-19<br>20-5-20                         | Ser.     | The M. & F. Dept., Ottawa, Ont.                           |
| Coaster<br>138501 Vancouver, B.C.                | 149 1916 Wood.<br>New Westminster, B.C.           | Tug.           | Vancouver, B.C.<br>5-7-21   | H. G. R.                      | 6-7-19<br>26-6-20                         | Ser.     | Coast Steamship Co., Ltd., Vancouver, B.C.                |
| Coban<br>86071 Montreal, P.Q.                    | 1,063 1882 Iron.<br>Sunderland, G.B.              | Frt.           | Halifax, N.S.<br>A. McD.  | N. A. C.<br>A. McD.           | 30-7-19<br>29-7-20                        | Ser.     | Black Diamond Steamship Co., Montreal, P.Q.               |
| Colin W. (ex Stanstead)<br>134347 Montreal, P.Q. | 1,549 1881 Wood.<br>Bay City, Mich., U.S.A.       | Frt.           | Quebec, P.Q.<br>24-4-19<br>25-4-19                                | J. A. S.<br>P. D.             | 25-4-19<br>24-4-20                        | Ser.     | SS. Colin W., Ltd., Quebec, P.Q.                          |
| Collector<br>96803 Halifax, N.S.                 | 52 1891 Wood.<br>Halifax, N.S.                    | Light.         | Halifax, N.S.<br>21-7-19  | D. J. M.                      | 26-7-19<br>22-7-20                        | Ser.     | L. Heffer, Halifax, N.S.                                  |
| Collingwood<br>117089 Collingwood, Ont.          | 4,629 1907 Steel.<br>Collingwood, Ont.            | Frt. and pass. | Ashtabula, Ont.<br>15-4-19  | J. D.                         | 30-4-19                                   | Ser.     | Canada S.S. Lines, Ltd., Montreal, P.Q.                   |
| Colomb.<br>126926 Quebec, P.Q.                   | 559 1910 Steel.<br>Levis, P.Q.                    | Frt. and pass. | Fort William, Ont.<br>21-4-19                                     | W. J. V.                      | 15-4-20                                   | Ser.     | La Traversée de Lévis, Lévis, P.Q.                        |
| Colonel By<br>80911 Prescott, Ont.               | 338 1885 Wood.<br>Ogdensburg, N.Y.                | Tug.           | Ottawa, Ont.<br>16-5-19   | J. T. G.                      | 27-5-19<br>16-5-20                        | Ser.     | John Eligh, Kemptville, Ont.                              |
| Colonel White<br>138495 Montreal, P.Q.           | 20 1917 Wood.<br>Smeoce, Ont.                     | Tug.           | Calumet, P.Q.<br>24-7-19  | J. T. G.                      | Not issued.                               | Tw. Ser. | Riordon Pulp and Paper Co. Chénès.                        |
| Colonge<br>113395 Ottawa, Ont.                   | 18 1902 Wood.<br>Sand Point, Ont.                 | Tug.           | Brasidre, Ont.<br>20-5-19   | J. E. L.                      | 27-5-19<br>20-5-20                        | Patl.    | Gillics Bros., Brasidre, Ont.                             |
| Columbia<br>127655 Detroit, U.S.A.               | 969 1902 Steel.<br>Detroit, Mich.                 | Pass.          | Windsor, Ont.<br>5-6-19   | J. D.                         | 27-6-19<br>27-5-20                        | Ser.     | Detroit and Windsor Ferry Co., Detroit, U.S.A.            |
| Commodore<br>107487 Sault Ste. Marie, Ont.       | 40 1885 Wood.<br>Mantowac, Wis.<br>1914 Rebuilt.  | Tug.           | Sault Ste. Marie, Ont.<br>23-5-19                                 | P. W. L.                      | 30-5-19<br>30-5-20                        | Ser.     | Lake Superior Paper Co., Sault Ste. Marie, Ont.           |
| Commodore<br>141346 Vancouver, B.C.              | 318 1907 Wood.<br>Vancouver, B.C.                 | Tug.           | Vancouver, B.C.<br>13-1-20  | H. G. R.                      | 23-1-20                                   | Ser.     | B. C. Mills, Tug and Barge Co., Vancouver, B.C.           |
| Compton<br>136927 Montreal, P.Q.                 | 1,530 1882 Wood.<br>Detroit, Mich., U.S.A.        | Frt.           | Ogdensburg, N.Y.<br>24-6-19<br>7-7-21                             | T. P. T.<br>M. R. D.          | 12-1-21<br>24-6-20                        | Ser.     | George Hall Coal Co. Ltd., Montreal, P.Q.                 |
| Concretin<br>141346 Ottawa, Ont.                 | 320 1918 Composite.<br>Montreal, P.Q.             | Frt. and Pass. | Port Dalhousie, Ont.<br>Prescott.<br>Milwaukee, U.S.A.<br>16-9-19 | J. B. S.<br>M. R. D.<br>J. D. | 20-5-20<br>17-5-21<br>19-10-19<br>15-9-20 | Ser.     | The Minister of Marine and Fisheries, Ottawa, Ont.        |
| Conestoga<br>140 116 Toronto.                    | 2,068 Wood.<br>1917 Rebuilt.<br>Milwaukee, U.S.A. | Frt.           |   |                               |   | Ser.     | Lake Ports Navigation Co., Sarnia, Ont.                   |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'enregistrement. | Tonnage.        | Where and when Built—Material.<br>Année et lieu de construction—Matériau de la coque. | Trade—No. of Pass.<br>Services—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate Issued—Expires.<br>Certificat: Délivrance—Expiration. | Propulsion—N.H.P.<br>Propulsion—N. en H.P. | Route.                                    | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|-----------------|---|--|--|---|---|--|---|--|
| Compenor<br>138253 Montreal, P.Q.   | 166<br>91       | 1917 Wood<br>Sorel, P.Q.  | Tug.   | Sorel, P.Q.<br>25-4-19                                       | F. X. H.  | 26 4 19<br>25-4-20  | Ser. 55                                    | Lakes and Rivers.                         | The Sinclair McNaughton Co.  |
| Constance<br>103686 Toronto, Ont.   | 52<br>35        | 1880 Wood<br>Gravenhurst, Ont.  | Frt.   | Gravenhurst, Ont.<br>27 5 19                                 | G. M. A.  | 7 6 19<br>27 6 20   | Ser. 10-7                                  | Muskoka Lakes.                            | J. C. Little, Rosseau, Ont.  |
| Contrecoeur<br>126459 Sorel, P.Q.   | 173<br>75       | 1910 Wood<br>Sorel, P.Q.  | Tug.   | Sorel, P.Q.<br>13 6 19                                       | F. X. H.  | Not issued.   | Tw. Ser. 41-8                              | River St. Lawrence.                       | The Minister of Marine and Fisheries, Ottawa, Ont.                 |
| Coponaming<br>106026 Toronto, Ont.  | 18<br>12        | 1882 Wood<br>French River, Ont.   | Tug.   | Midland, Ont.<br>9 10 19                                     | G. M. A.  | Not issued.   | Ser. 4                                     | Midland and vicinity.                     | Manly Chew, Midland, Ont.  |
| Coculham<br>106205 Vancouver, B.C.  | 256<br>166      | 1892 Steel<br>Vancouver, B.C.   | Frt.   | Vancouver, B.C.<br>14 1-20<br>15 1-20                        | A. F.   | 18 2 20<br>13 1 21  | Ser. 28-6                                  | Vancouver and Prince Rupert.              | Union Steamship Co. of B.C., Ltd., Vancouver, B.C.                 |
| Cornwall<br>71669 Kingston, Ont.  | 588<br>301      | 1874 Iron<br>Kingston, Ont.   | Tug.   | Portsmouth, Ont.<br>27 5 19                                  | T. P. T.  | 29 5 19<br>23 5 20  | P.H. 64-5                                  | Inland waters.                            | Donnelly Wrecking Co., Kingston, Ont.                              |
| Corona<br>163673 Toronto, Ont.  | 1,271<br>649    | 1896 Steel<br>Toronto, Ont.   | Pass.<br>1,456                                 | Toronto, Ont.<br>27 5 19<br>10 6 19                          | J. B. S.<br>W. E.                                   | 11 6 19<br>10 6 20  | P.H. 300-8                                 | Colbourg, Toronto, Lewiston and Hamilton. | Canada S.S. Lines, Ltd., Montreal, P.Q.                            |
| Coronna<br>99224 Montreal, P.Q.   | 1,269<br>792    | 1901 Steel<br>Leith, G.B.   | Frt.   | Sydney, N.S.<br>26 9 20<br>25 3 20                           | D. K. O'B.  | 25 3 20<br>25 3 21  | Ser. 98-5                                  | Halifax and coastwise.                    | Coronna Shipping Co., Halifax, N.S.                                |
| Courth<br>116775 Vancouver, B.C.  | 69<br>68        | 1904 Wood<br>Vancouver, B.C.  | Tug.   | Vancouver, B.C.<br>30 4 19                                   | H. G. R.  | 30 4 19<br>29 3 20  | Ser. 28-2                                  | Vancouver and Straits of Georgia.         | Courth Shipping Co., Vancouver, B.C.                               |
| Cowichan<br>126240 Vancouver, B.C.  | 962<br>520      | 1908 Steel<br>Ayr, G.B.   | Pass.<br>165                                   | Vancouver, B.C.<br>9 6 19<br>11 6 19                         | A. F.   | 7 7 19<br>8 6 20  | Tw. Ser. 130-8                             | Vancouver and Kingcome Inlet.             | Union S.S. Co. of B.I., Ltd., Vancouver, B.C.                      |
| Cytle No. 1<br>146967 Montreal.   | 19<br>10        | 1919<br>Grandes Piles, P.Q.   | Pass.  | Grandes Piles, P.Q.<br>7 8 19                                | F. X. H.  | Not issued.   | Ser. 10                                    |   | Jean J. Crete, Grandes Piles, P.Q.                                 |
| Crombie<br>134640 Victoria, B.C.  | 162<br>102      | 1916 Wood<br>Chase, B.C.  | Tug.   | Chase, B.C.<br>11 5 19                                       | W. J. C.  | Not issued.   | Strm. whl. 6-6                             | Shuswap Lake.                             | Adams River Lumber Co., Chase, B.C.                                |
| Cruizer<br>164606 Halifax, N.S.   | 380<br>24       | 1895 Steel<br>Port Glasgow, G.B.  | Tug.   | Halifax, N.S.<br>26 6 19<br>23 8 19                          | N. A. C.<br>A. MeD.                                 | 25 8 19<br>23 8 20  | Ser. 153-4                                 | Coasting.                                 | Chas. Brister & Son, Halifax, N.S.                                 |
| Cyclops<br>123978 Liverpool.  | 9 023<br>5, 762 | 1906 Steel<br>Glasgow, G.B.   | Pass.  | Seattle, U.S.A.<br>30 6 19                                   | H. G. R.  | Not issued.   | Tw. Ser. 415                               | Foreign-going.                            | Ocean S.S. Co., Ltd., A. Holt & Co., Mgrs., Liverpool, G.B.        |

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|   |               |  |                        |   |                                  |                      |                    |   |  |
|---|---------------|--|------------------------|---|----------------------------------|----------------------|--------------------|---|--|
| D. A. Thomas,<br>138420 Winnipeg, Man.        | 1, 114<br>798 | 1916 Wood<br>Peace River, Alta.                                | Frt and<br>Pass,<br>85 | Peace River, Alta.,<br>31-5-19              | J. T. M.,<br>31-5-20             | 31-5-19<br>31-5-20   | Stn. Wld.,<br>21-6 | Hudson's Hope and Ver-<br>million,<br>Town and<br>Lockport,<br>Railway. | Peace River Tramway and<br>Nav. Co., Ltd., Peace<br>River, Alta.<br>Town of Lockport, N.S. |
| D. D. Mann,<br>122283 Shellburne, N.S.        | 130           | 1907 Wood<br>Sheburne, N.S.                                    | Pass,<br>20            | Lockport, N.S.,<br>17-7-14                  | N. A. C.,<br>A. McD.,<br>17-7-20 | 17-7-19<br>17-7-20   | 13-6               | St. John River  | Crystal Stream SS. Co.,<br>St. John, N.B.  |
| D. J. Purdy,<br>100725 Montreal, P.Q.         | 683<br>430    | 1883 Steel<br>Montreal, P.Q.<br>1911 rebuilt<br>St. John, N.B. | Pass,<br>302           | St. John, N.B.,<br>7-4-19<br>20-4-19        | C. E. D.,<br>W. R. B.,<br>7-4-20 | 28-4-19<br>7-4-20    | 34-1               | Port William and Port<br>Arthur,  | N. M. Paterson, Fort Will-<br>iam, Ont.  |
| D. R. Van Allen,<br>71104 Port William        | 318<br>216    | 1874 Wood<br>Clatham, Ont.                                     | Frt.,<br>302           | Port William, Ont.,<br>28-7-19              | W. J. V.,<br>19-7-19             | 28-7-19<br>30-11-19  | 35                 | North Channel and Lake<br>Huron.  | N. Trotter, Little Current,<br>Ont.  |
| D. W. Crow,<br>90530 Clatham, Ont.            | 31            | 1902 Wood<br>Clatham, Ont.                                     | Tug.,<br>302           | Little Current, Ont.,<br>19-7-19            | P. W. J.,<br>19-7-20             | 31-7-19<br>19-7-20   | 13-5               | Bay of Quinte   | Wm. Black & Son, Belleville,<br>Ont.   |
| Dack,<br>107682 Belleville, Ont.              | 18<br>12      | 1887 Wood<br>Clayton, N.B.<br>1909 rebuilt.                    | Fishing boat           | Bellefleur, Ont.,<br>4-6-19                 | T. P. T.,<br>4-6-19              | Not issued.          | 1-2                | Vancouver, Sts. of Geor-<br>gia and Johnston.                           | Northern Fish Co., Selkirk,<br>Man.  |
| Daisy,<br>88375 Vancouver, B.C.               | 47<br>25      | 1885 Wood<br>Comox, B.C.<br>1909 Victoria, B.C.                | Tug.,<br>1,094         | Vancouver, B.C.,<br>8-3-20                  | A. F.,<br>8-3-20                 | 26-4-20<br>7-3-21    | 11-2               | Red River   | McKenzie & Mann Co., Ltd.,<br>Toronto, Ont.  |
| Daisy,<br>11457 Winnipeg, Man.                | 58<br>39      | 1912 Wood<br>Wasa Bay, Man.                                    | Tug.,<br>1,094         | Selkirk,<br>6-5-19                          | J. T. M.,<br>6-5-19              | 8-5-19<br>8-5-20     | 9                  | Toronto and Pt. Dal-<br>housie.   | Charles Williams, et al,<br>Sturgeon Falls, Ont.   |
| Dalhousie City,<br>130312 Toronto, Ont.       | 1,256<br>750  | 1911 Steel<br>Collingwood, Ont.                                | Pass,<br>1,094         | Port Dalhousie, Ont.,<br>31-3-20<br>30-3-20 | J. B. S.,<br>W. E.,<br>31-3-20   | 3-4-20<br>30-3-21    | 115-6              | Amherstburg and vicini-<br>ty.  | W. G. Goodchild, Malton,<br>Ont.   |
| Dalton K.,<br>138063 Ottawa, Ont.             | 21<br>12      | 1915 Wood<br>Sturgeon Falls, Ont.                              | Tug.,<br>1,094         | Sturgeon Falls, Ont.,<br>11-6-19            | I. T. G.,<br>11-6-19             | 2-7-19<br>11-6-20    | 3-3                | Cape Spencer and Mus-<br>quash Head.                                    | Windsor, N.S.  |
| Daltou McCarthy,<br>97119 Collingwood, Ont.   | 45<br>30      | 1903 Wood<br>Collingwood, Ont.<br>1919 Amherstburg,<br>Ont.    | Tug.,<br>1,094         | Amherstburg, Ont.,<br>24-10-19              | J. D.,<br>24-10-19               | 27-10-19<br>24-10-20 | 14                 | Windor, N.S. and New<br>Windsor, N.S.                                   | W. W. White, Vancouver,<br>B.C.  |
| Daniel,<br>116726 St. John, N.B.              | 29<br>20      | 1904 Wood<br>St. John, N.B.                                    | Tug.,<br>1,094         | St. John, N.B.,<br>8-4-19                   | C. E. D.,<br>8-4-19              | 9-4-19<br>8-4-20     | 14                 | Halifax and Dartmouth.  | Dartmouth Ferry Comm'n,<br>Dartmouth, N.S.   |
| Daniel M. Munro,<br>112065 Windsor, N.S.      | 1,216<br>888  | 1892 Iron<br>Dumbarton, G.B.                                   | Frt.,<br>1,094         | Windsor, N.S.,<br>1-8-19<br>11-7-19         | N. A. C.,<br>A. McD.,<br>1-8-20  | 9-8-19<br>1-8-20     | 18                 | Vancouver and Straits of<br>Georgia.                                    | John Standley, Banff, Alta.  |
| Daring,<br>122375 Vancouver, B.C.             | 81<br>55      | 1907 Wood<br>Vancouver, B.C.                                   | Tug.,<br>1,094         | Vancouver, B.C.,<br>17-6-19                 | A. F.,<br>17-6-19                | 23-6-19<br>26-5-20   | 16-7               | Italy and Dartmouth.  | Westminster Towing & Fish<br>Co. Ltd., New Westmin-<br>ster, B.C.                          |
| Dartmouth,<br>90889 Halifax, N.S.             | 311<br>196    | 1888 Wood<br>Yarmouth, N.S.                                    | Ferry,<br>400          | Dartmouth, N.S.,<br>23-3-19<br>15-5-19      | D. J. M.,<br>A. McD.,<br>23-3-20 | 27-5-19<br>24-3-20   | 76-3               | Lake Minnawanka   |  |
| Daughter of the Peaks,<br>134314 Kenora, Ont. | 17<br>12      | 1910 Wood<br>Lake Minnawanka.                                  | Pass,<br>10            | Lake Minnawanka,<br>20-8-19                 | J. T. M.,<br>20-8-19             | 22-8-19<br>20-8-20   | 6-8                | Vancouver and Straits of<br>Georgia.                                    |  |
| Damless,<br>111939 New Westminster,<br>B.C.   | 138<br>89     | 1901 Wood<br>New Westminster,<br>B.C.                          | Tug.,<br>1,094         | Vancouver, B.C.,<br>15-3-20                 | H. G. R.,<br>15-3-20             | 16-3-20<br>14-3-21   | 39-1               |   |  |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Noms des officiers—Ports d'enregistrement. | Tonnage.   | Where and when Built—Matériau.<br>Année et lieu de construction—Matériau de la coque. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Port et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate Issued—Expires.<br>Certificat: Délivrance—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. en H. P. | Route.  | Name and Address of Owners.<br>Noms et adresses des propriétaires.                  |
|--|------------|---|---|---|---|---|---|---|---|
| David G. Thomson.<br>85306 Montreal, P.Q.  | 185<br>78  | 1888 Wood.<br>Kingston, Ont.<br>1900 rebuilt.<br>Kingston, Ont.                       | Tug.<br>Tug.                                  | Kingston, Ont.<br>10-1-19<br>Tobermory, Ont.<br>20-3-19     | T. P. T.<br>J. T. G.                                | 25-4-19<br>10-4-20<br>26-9-19<br>20-9-20                          | Ser.<br>Ser.                                  | Lake Erie and Lake Superior.<br>Sheltered waters, Tobermory.            | Montreal Transportation Co.<br>Montreal, P.Q.<br>Wm. Leslie, et al., Tobermory Ont. |
| David Marwick.<br>116368 Goderich, Ont.  | 30<br>29   | 1905 Wood.<br>Tobermory, Ont.   | Tug.<br>Tug.                                  | Chatham, N.B.<br>6-8-19                                     | C. E. D.  | 11-8-19<br>6-8-20   | Ser.<br>1                                     | Inside Esoumiae Village and north end of Portage Id., Montreal Harbour. | Allan Ritchie, Newcastle, N.B.<br>Harbour Commissioners, Montreal, P.Q.             |
| David R.<br>112168 Chatham.  | 25         | 1903 Wood.<br>Newcastle, N.B.   | Tug.  | Montreal, P.Q.<br>17-4-19                                   | J. T. G.  | 29-1-19<br>17-4-20  | Ser.<br>28-1                                  | Halifax Harbour.  | Halifax Shipping Co., Halifax, N.S.   |
| David South.<br>134487 Montreal, P.Q.  | 111<br>915 | Wood.<br>Montreal, P.Q.   | Pass.<br>185                                  | Halifax, N.S.<br>19-6-19<br>17-6-19                         | D. J. M.<br>A. McD.                                 | 19-6-19<br>19-6-20  | Tw. ser.<br>4-8                               | Yukon River.  | British Yukon Navigation Co., Ltd., Victoria, B.C.                                  |
| Davis McNab.<br>130689 Halifax, N.S.   | 779<br>491 | 1901 Wood.<br>White Horse, Y.T.   | Frt. and pass.<br>153                         | Dawson, Y.T.<br>28-6-18                                     | B. M.   | 8-7-19<br>7-7-20  | Strm. whl.<br>19-2                            | Lake of the Woods.  | Marius Malo, Kenora, Ont.   |
| Day Star.<br>116695 Kenora, Ont.   | 13<br>9    | 1903 Wood.<br>Kenora, Ont.  | Fishing tug.<br>Kenora, Ont.                  | Kenora, Ont.<br>22-8-19                                     | W. J. V.  | 25-8-19<br>22-8-20  | Ser.<br>1-2                                   | Halifax Harbour.  | Halifax Water-boat Co., Halifax, N.S.   |
| Defiance.<br>116744 Halifax, N.S.  | 38<br>26   | 1904 Wood.<br>Shedburne, N.S.   | Water boat                                    | Dartmouth, N.S.<br>24-11-19                                 | D. J. M.  | 24-11-19<br>24-11-20  | Ser.<br>10-5                                  | Padbill and Sorel.  | Louis E. Charron, St. Denis, P.Q.   |
| DeRitch C.<br>130632 Montreal, P.Q.  | 23<br>16   | 1907 Wood.<br>Rayonne, U.S.A.   | Pass.<br>10                                   | St. Denis, P.Q.<br>15-8-19<br>Belœil, P.Q.                  | P. X. H.<br>P. D.                                   | 16-8-19<br>15-8-20  | Tw. ser.<br>6-6                               | Three Rivers, P.Q.  | The Minister of Public Works, Ottawa, Ont.  |
| Delisle.<br>61134 Montreal, P.Q.   | 46<br>17   | 1869 Wood.<br>Belœil, N.Y.  | Tug.<br>Tug.                                  | Ottawa, Ont.<br>12-7-19<br>12-7-19                          | J. T. G.  | Not issued.   | Ser.<br>11                                    | Fraser River.   | Albemethy & Loughheed, Ltd Port Haney, B.C.   |
| Delta.<br>100654 Vancouver, B.C.   | 15<br>10   | 1889 Wood.<br>Victoria, B.C.  | Tug.<br>Tug.                                  | New Westminster, B.C.<br>3-11-19                            | A. P.   | 28-11-19<br>26-10-20  | Ser.<br>6-2                                   | Cedars at Power House   | Genoa Bay Lumber Co., Genoa Bay, B.C.   |
| Denise, S.<br>131107 Montreal, P.Q.  | 54<br>26   | 1912 Steel.<br>Sorel, P.Q.  | Tug.<br>Tug.                                  | Cedars, P.Q.<br>9-4-19                                      | J. T. G.  | Not issued.   | Ser.<br>17                                    | Victoria and Genoa Bay.   | Minister of Marine and Fisheries, Ottawa, Ont.                                      |
| Des Brisay.<br>126554 Vancouver, B.C.  | 33<br>23   | 1909 Wood.<br>Vancouver, B.C.   | Tug.<br>Tug.                                  | Victoria, B.C.<br>8-1-20                                    | W. J. C.  | 10-4-20<br>7-1-21   | Ser.<br>7-7                                   | Montreal and Quebec.  | Minister of Marine and Fisheries, Ottawa, Ont.                                      |
| Desseillions.<br>133953 Sorel, P.Q.  | 214<br>76  | 1914 Steel.<br>Sorel, P.Q.  | Tug.<br>Tug.                                  | Sorel, P.Q.<br>3-1-19                                       | P. X. H.  | Not issued.   | Tw. ser.<br>54-6                              | Montreal and Quebec.  | Minister of Marine and Fisheries, Ottawa, Ont.                                      |
| Detector.<br>(Not registered).   | 584<br>281 | 1915 Steel.<br>Sorel, P.Q.  | Govt. ser.<br>23                              | Que, P.Q.<br>7-7-19   | P. D.   | Not issued.   | Tw. ser.<br>65-3                              | Montreal and Quebec.  | Minister of Marine and Fisheries, Ottawa, Ont.                                      |

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|---|----------------|---|------------------|---------------------------------------|---------------------|---------------------|-----------------|--|---|
| Detroit.....<br>21607 Detroit, U.S.A.           | 2,089<br>1,307 | Steel<br>Ecorse, Mich.                        | Frt.             | Detroit, Mich.<br>13-5-19<br>24-12-19 | J. D.<br>W. E.      | 27-6-19<br>24-12-19 | Ser. 384        | Windsor and Detroit.....                 | Wabash Railroad Co.                                   |
| Diamond.....<br>106655 Parrsboro, N.S.          | 23<br>15       | 1894 Wood.<br>Pictou, N.S.                    | Tug.             | Parrsboro, N.S.<br>8-7-19             | N. A. C.            | 10-7-19<br>8-7-20   | Ser. 9, 2       | Minas Basin ports.....                   | Burpee Tupper, Parrsboro,<br>N.S.                     |
| Dick, T.....<br>134367 Quebec, P.Q.             | 44<br>20       | 1914 Wood.<br>Sorel, P.Q.                     | Tug.             | Quebec, P.Q.<br>10-5-19               | J. A. S.            | 10-5-19<br>10-5-20  | Ser. 10, 7      | Quebec Harbour.....                      | Canadian Bank of Commerce<br>Toronto, Ont.            |
| Diggs.....<br>133867 Vancouver, B.C.            | 64<br>44       | 1880 Wood.<br>Victoria, B.C.<br>1908 Rebuilt. | Tug.             | Prince Rupert, B.C.<br>1-10-19        | B. M.               | 1-10-19<br>30-9-20  | Ser. 18         | Coasting.....                            | A. F. Bissett, Vancouver,<br>B.C.                     |
| Dillwyn (ex Argyle).....<br>96859 Sarnia, Ont.  | 41<br>28       | 1891 Wood.<br>Buffalo, N.Y.<br>Rebuilt 1903   | Tug.             | Toronto, Ont.<br>15-5-19              | J. D.               | 15-4-19             | Ser. 11         | Lake Ontario.....                        | W. A. Warren, Toronto, Ont.                           |
| Dolan.....<br>122517 Vancouver, B.C.            | 176<br>120     | 1907 Wood.<br>Vancouver, B.C.                 | Tug & Pass<br>17 | Vancouver—B.C.<br>9-9-19              | H. G. R.            | 17-9-19<br>8-9-20   | Ser. 39, 1      | Coasting, B.C.....                       | Can. Pac. Ry. Co., Mon-<br>treal, P.Q.                |
| Dolara.....<br>128157 Glasgow, G. B.            | 790<br>393     | 1908 Steel.<br>Paisley, Scot.                 | Yacht.           | Esquimalt, B.C.<br>4-7-19             | W. J. C.            | 4-7-19<br>3-7-20    | Tw. ser.<br>154 | Foreign ports.....                       | Jas. Dunsmuir, Victoria,<br>B.C.                      |
| Dollarton.....<br>141430 Vancouver, B.C.        | 27<br>18       | 1918 Wood.<br>Vancouver, B.C.                 | Tug.             | Vancouver, B.C.<br>2-10-19            | A. F.               | 28-10-19<br>1-10-2  | Ser. 9          | Vancouver Harbour.....                   | Canadian Robert Dollar<br>Vancouver, B.C.             |
| Dolphin.....<br>80680 Ottawa, Ont.              | 70<br>37       | 1881 Wood.<br>Montreal, Que.                  | Tug.             | Hull, Que.<br>22-4-19                 | J. E. L.            | 28-4-19<br>22-4-20  | Ser. 32, 6      | Montreal and Ottawa.....                 | Ottawa Transportation Co.,<br>Ottawa, Ont.            |
| Dominion.....<br>116414 Victoria, B.C.          | 18<br>10       | 1904 Wood.<br>Victoria, B.C.                  | Tug.             | Victoria, B.C.<br>29-9-19             | W. J. C.            | 30-9-19<br>28-9-20  | Ser. 6, 9       | Victoria Harbour.....                    | W. E. Gardner, Victoria,<br>B.C.                      |
| Donald H., McDonald.....<br>133937 Ottawa, Ont. | 32<br>17       | 1913 Steel.<br>Amprior, Ont.                  | Tug.             | Amprior, Ont.<br>20-5-19              | J. E. L.            | 27-5-19<br>20-5-20  | PdL<br>5, 4     | Amprior Boom.....                        | McLachlin Bros., Amprior<br>Ont.                      |
| Donald Mae.....<br>134452 Toronto, Ont.         | 70<br>47       | 1914 Steel.<br>Toronto, Ont.                  | Fishing tug.     | Pt. Stanley, Ont.<br>18-9-19          | J. B. S.            | 30-9-19<br>8-9-20   | Ser. 13, 5      | Lake Erie.....                           | Thor Iron Works—Toronto,<br>Ont.                      |
| Donella.....<br>131684 Vancouver, B.C.          | 27<br>18       | 1908 Wood.<br>Tacoma, Wash.                   | Pass.<br>80 s    | Vancouver, B.C.<br>10-5-19            | H. G. R.            | 23-5-19<br>1-5-20   | Ser. 4, 8       | Vancouver and Home<br>Sound.....         | West Vancouver Corporation<br>B.C.                    |
| Dora M.....<br>133399 Chatham, N.B.             | 24<br>10       | 1913 Wood.<br>Tabusintac, N.B.                | Tug.             | Chatham, N.B.<br>5-3-19               | C. E. D.            | 11-8-19<br>5-8-20   | PdL<br>2, 8     | Esquimaux and Portage<br>Island.....     | A. & G. McLean, Tabusin-<br>tate, N.B.                |
| Dorothea D.....<br>130288 St. Catharines O.     | 45<br>31       | 1914 Wood.<br>Stromness, Ont.                 | Fishing tug.     | Port Stanley, Ont.<br>19-9-19         | J. B. S.            | 30-9-19<br>28-7-20  | Ser. 2, 7       | Lake Erie.....                           | A. J. Doughier and M. Jen-<br>kinson, Dunville, Ont.— |
| Dorothy.....<br>111980 Victoria, B.C.           | 20<br>13       | 1902 Wood.<br>Vancouver, B.C.                 | Tug.             | Victoria, B.C.<br>28-5-19             | B. M.               | 12-6-19<br>27-5-20  | Ser. 9          | Victoria Harbour.....                    | W. E. Gardner, Victoria,<br>B.C.                      |
| Dorothy May.....<br>130284 St. Catharines Ont.  | 55<br>29       | 1912 Wood.<br>Port Dalhousie, Ont.            | Tug.             | Port Colborne, Ont.<br>20-8-19        | J. B. S.            | 26-8-19<br>20-8-20  | Ser. 19, 4      | Welland Canal and Lake<br>Ontario.....   | Wm. Hand, Port Dalhousie,<br>Ont.                     |
| Douglas, H.....<br>130237 Port Stanley, Ont.    | 54<br>37       | 1912 Wood.<br>Port Stanley, Ont.              | Fishing tug.     | Port Stanley, Ont.<br>20-9-19         | J. B. S.            | 1-10-19<br>20-9-20  | Ser. 11, 2      | Lake Erie.....                           | R. Long, Port Stanley, Ont.                           |
| Douglas, H Thomas.....<br>101291 Sydney, U.S.A. | 212<br>98      | 1892 Steel.<br>Maryland, U.S.A.               | Tug and<br>pass  | Sydney, N.S.<br>30-4-19<br>7-9-19     | D. J. M.<br>A. McD. | 9-5-19<br>30-4-20   | Ser. 50, 6      | Coasting as tug,<br>Sydney Har. as pass. | Dominion Coal Co., Mont-<br>real, P.Q.                |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Ports Numéros officiels—Ports d'enregistrement. | Tonnage.       | Where and when Built—Material.<br>Ancrè et lieu de construction—Nature de la coque. | Trade—No of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate: Issued—Expires.<br>Certificat: Délivré—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. en H. P. | Route.  | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|----------------|---|--|--|---|---|---|---|--|
| Douglas, L.<br>137908 Toronto, Ont.   | 13<br>9        | 1917 Wood<br>Loring, Ont.   | Tug  | Lost Channel, Ont<br>24 7-19                                 | G. M. A.  | 29 7 19<br>24 7-19  | Ser. 12                                       | Pickeral River.                                     | James Ludgate, Parry Sound,<br>Ont.                                |
| Dream<br>42336 St. John, N. B.  | 45<br>30       | 1881 Wood<br>Newark, Conn.  | Yacht  | St. John, N. B.<br>21-8-19                                   | C. E. D.  | 17 9 19<br>21 8 20  | Ser. 11                                       | St. John river                                      | W. H. Thorne, St. John,<br>N. B.                                   |
| Dread,<br>112593 Ottawa, Ont.   | 503<br>149     | 1902 Steel<br>Paisley, G. B.  | Booy ser                                     | Quebec, P. Q.<br>1-4-19                                      | J. A. S.<br>P. D.                                   | 30 5 19<br>1 4 20   | Tw. Ser<br>117 8                              | Montreal and Gulf of St.<br>Lawrence.               | This Minister of Marine and<br>Fisheries, Ottawa, Ont.             |
| Duval<br>133996 Chatham, Ont.   | 28             | 1910 Wood<br>Campbellton, N. B.   | Tug  | Campbellton, N. B.<br>3 4-19<br>9-10-19                      | C. E. D.  | 10 10 19<br>9 10 19   | Pull 3  | Inside Heron Islandlight<br>and Trout Island Point. | Resigmohe Log Driving<br>and Boat Co., Camp-<br>bellton, N. B.     |
| Duchess of York<br>106342 Montreal, P. Q.   | 490<br>261     | 1895 Steel<br>Montreal, P. Q.   | Pass.<br>800                                 | Lachine, P. Q.<br>20-5-19<br>Montreal, P. Q.                 | J. T. G.<br>P. D.                                   | 6 6 19<br>20 5 20   | Pull 38 5                                     | Montreal and St. Helens<br>Island.                  | Establ. W. Owens, Mont-<br>real, P. Q.                             |
| Dufferin<br>116886 Halifax, N. S.   | 211<br>99      | 1904 Wood<br>Sherbrooke, N. S.  | Pass.<br>50                                  | Halifax, N. S.<br>19 3 20<br>18 3 20                         | D. J. M.<br>A. M. D.                                | 19 3 20<br>19 3 21  | Ser 41 6                                      | Halifax and Sherbrooke<br>N. S.                     | W. J. Murdoch, Sherbrooke,<br>N. S.                                |
| <b>E</b>  |                |   |  |  |   |   |   |   |  |
| E. B. Osler<br>153977 Toronto, Ont.   | 6,787<br>4,361 | 1908 Steel<br>Bridgeburg, Ont.  | Frt. and<br>pass.<br>40                      | Midland, Ont<br>7 4 19<br>15 4-19                            | G. M. A.<br>W. B.                                   | 23 4 19<br>15 4 20  | Ser 203 6                                     | Port Colborne and<br>Duluth.                        | Canada, S.S. Lines, Ltd.,<br>Montreal, P. Q.                       |
| E. D. Kingsley<br>14543 Vancouver, B. C.  | 1,028<br>341   | 1913 Steel<br>Port William, Ont.  | Pass. 40                                     | Port William, Ont.<br>14 11-19                               | W. J. V.  | 15 11 19<br>15 11 20  | Ser 92  | Port William to Van-<br>couver.                     | Kingsley Navigation Co.,<br>Vancouver, B. C.                       |
| E. D. M. Purvis<br>130226 Owen Sound, Ont.  | 87<br>58       | 1918 Wood<br>Gore Bay, Ont.   | Tug  | St. Bay Mouth, Ont.<br>19 7-19                               | P. W. L.  | Not issued  | Ser 14  | Lake Huron  | John Purvis, Gore Bay, Ont.  |
| E. H. Bronson<br>16344 Ottawa, Ont.   | 285<br>180     | 1895 Steel<br>Pembroke, Ont.  | Tug  | Pembroke, Ont<br>21 5-19                                     | J. E. L.  | 27 5 19<br>21 5 20  | Pad. 69                                       | Pembroke and Deser-<br>champs.                      | Upper Ottawa Improvement<br>Co., Ottawa, Ont.                      |
| E. Ross<br>100883 St. John, N. B.   | 30<br>20       | 1894 Wood<br>St. John, N. B.  | Ferry  | St. John, N. B.<br>17-11-19                                  | C. E. D.<br>W. R. B.                                | 18 11 19<br>17 11 20  | Ser 7 3                                       | Indiantown and Pleasant<br>Point.                   | J. and J. Leonard, St. John,<br>N. B.                              |
| E. W. Tobin   |                | 1911<br>Garthby, P. Q.  |  | Garthby, P. Q.<br>10 7-19                                    | J. A. S.  | Not issued  | Ser 4   | Lake Aylmer   | Brompton Pulp and Paper<br>Co., East Angus, P. Q.                  |
| Earl<br>94906 New Westminster,<br>B. C.   | 75<br>50       | 1890 Wood<br>Victoria, B. C.  | Tug  | New Westminster, B. C.<br>8-5-19                             | A. F.   | 29-5-19<br>1-5-20   | Ser 20  | New Westminster and<br>Straits of Georgia.          | Victoria Transportation Co.<br>Ltd., Victoria, B. C.               |
| Earl Ross<br>137892 Toronto, Ont.   | 118<br>65      | 1914 Wood<br>Wallaceburg, Ont.  | Pass.  | Quebec, P. Q.<br>12-11-19                                    | P. D.   | Not issued  | Ser   | Quebec Harbour                                      | La Cie Lachance Ltd.,<br>Quebec, P. Q.                             |

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|--|--|------------------|--|---------------------|----------------------|--------------|--|--|
| Eastholm<br>134071 Vancouver, B.C.           | 197 1943 Wood<br>118 Vancouver, B.C.               | Fr.              | Vancouver, B.C.<br>4-9-19                          | A. F.               | 16-9-19<br>4-9-20    | Ser. 16      | Vancouver, Gulf of Georgia and Puget Sound, B.C. | Frank Waterhouse & Co. of Canada, Ltd., Vancouver, B.C.  |
| Easton<br>132069 Sunderland, G.B.            | 1757 1912 Steel<br>1429 Sunderland, G.B.           | Fr.              | Montreal, P.Q.<br>14-4-19<br>23-4-19               | J. E. L.<br>P. D.   | 28-4-19<br>14-4-20   | Ser. 106-3   | Fort William and Father Point.                   | Matthews Steamship Co., Ltd., Toronto, Ont.              |
| Eastside<br>130239 Fort Stanley, Ont.        | 50 1912 Wood<br>31 Collingwood, Ont.               | Fishing tug      | Port Stanley, Ont.<br>18-9-19                      | J. B. S.            | 30-9-19<br>18-9-20   | Ser. 13-5    | Lake Erie.                                       | C. Thorne et al, Port Stanley, Ont.                      |
| Essess<br>137926 Chatlam, N.B.               | 63 1945 Wood<br>17 Chatlam, N.B.                   | Tug.             | Chatlam, N.B.<br>5-8-19                            | C. E. D.            | 11-8-19<br>5-8-20    | Ser. 16-7    | Esseminee and Portage Island.                    | C. Reinsborough, Chatham, N.B.                           |
| Edith Ann<br>111789 Victoria, B.C.           | 11 1903 Wood<br>7 Kingston, Ont.                   | Yacht            | Beaumaris, Ont<br>20-8-19                          | G. M. A.            | 3-9-19<br>20-8-20    | Ser. 5       | Muskoka Lakes.                                   | J. P. Cassidy, Beaumaris, Ont.                           |
| Edna Grace<br>111789 Victoria, B.C.          | 42 1903 Wood<br>22 Victoria, B.C.                  | Tug.             | Victoria, B.C.<br>3-10-19                          | W. J. C.            | 6-10-19<br>2-10-20   | Ser. 8-7     | Coastwise, B.C.                                  | W. E. Gardner, Victoria, B.C.                            |
| Edna Ivan<br>107135 Goderich, Ont.           | 54 1900 Wood<br>36 Goderich, Ont.                  | Fishing tug      | Medrum Bay, Ont.<br>13-10-19                       | P. W. L.            | 20-10-19<br>13-10-20 | Ser. 20-1    | Lake Huron and North Channel.                    | Keen and Millman, Blind River, Ont.                      |
| Edna R.<br>100926 Yarmouth, N.S.             | 50 1892 Wood<br>24 Yarmouth, N.S.                  | Fishing boat.    | Yarmouth, N.S.<br>4-9-19                           | N. A. C.            | 22-9-19<br>4-9-20    | Ser. 13-5    | Coasting.  | Mud Island Lobster Co., Yarmouth, N.S.                   |
| Edward Alfred<br>126923 Quebec, P.Q.         | 139 1940 Wood<br>51 Chicoutimi, P.Q.               | Pass. and tug 40 | Levis, P.Q.<br>22-9-19<br>Quebec, P.Q.<br>15-10-19 | J. A. S.<br>P. D.   | 15-10-19<br>7-10-20  | Ser. 32-8    | Quebec, Chicoutimi and Saguenay River.           | Lat Cie Générale du port de Chicoutimi, Chicoutimi, P.Q. |
| Edward Blake<br>85426 St. Catharines, O.     | 23 1884 Wood<br>15 Port Robinson.<br>1903 Rebuild. | Tug.             | Morrisburg<br>14-8-19                              | T. P. T.            | 13-11-19<br>14-8-20  | Ser. 10      | Iroquois Harbour.                                | Wm. Birmingham, Ottawa, Ont.                             |
| Edward C. Whelan<br>124013 Port Arthur, Ont. | 113 1913 Steel<br>77 Port Arthur, Ont.             | Tug.             | Port William, Ont.<br>3-9-19                       | W. J. V.            | 3-9-19<br>3-9-20     | Ser. 35      | Thunder Bay.                                     | Great Lakes Dredging Co., Port Arthur, Ont.              |
| Ed. Conroy<br>131182 Peterboro, Ont.         | 11 1913 Wood<br>7 Peterboro, Ont.                  | Tug.             | Peterboro, Ont.<br>21-5-19                         | T. P. T.            | 18-9-19<br>10-7-20   | Ser. 1       | Trent Canal.                                     | John Johnston, Young's Pt., Ont.                         |
| Edward Pyke<br>76656 Chester, G.B.           | 1880 Iron<br>1917 Rebuild.                         | Tug.             | Quebec, P.Q.<br>1-5-19                             | J. A. S.            | 1-5-19<br>1-5-20     | Tw. ser. 60  | Montreal and Matane.                             | Price Bros. Co., Ltd., Quebec, P.Q.                      |
| Edwin Price<br>138021 Kenora, Ont.           | 14 1912 Wood<br>9 Simcoe, Ont.                     | Tug.             | Fort Frances, Ont.<br>22-5-19                      | W. J. V.            | 27-5-19<br>22-5-20   | Tw. ser. 3   | Rainy Lake and River.                            | Shelvin Clark Co., Fort Frances, Ont.                    |
| Elane<br>111156 St. John, N.B.               | 272 1894 Steel<br>156 Newburg, N.Y.                | Pass. 35         | Halifax, N.S.<br>28-4-19                           | N. A. C.<br>A. MeD. | 11-5-19<br>28-4-20   | Ser. 29      | Mulgrave & Guysborough.                          | Burns and Kelleher, Halifax, N.S.                        |
| Eleo<br>130707 Vancouver, B.C.               | 55 1911 Wood<br>30 Castlegar, B.C.                 | Tug.             | East Robson, B.C.<br>2-5-19                        | W. J. C.            | 24-5-19<br>20-5-20   | Ser. 20-1    | Arrow Lakes.                                     | Edgewood Lumber Co., Castlegar, B.C.                     |
| Ehrlert<br>123445 St. John, N.B.             | 25 1907 Wood<br>17 The Range, N.B.                 | Tug.             | St. John, N.B.<br>10-4-19                          | C. E. D.            | 7-6-19<br>10-4-20    | Ser. 13-5    | Cape Spencer and Musquash Head.                  | Lancaster Tugboat Co., St. John, N.B.                    |
| Eleanor<br>37017 St. Catharines, Ont.        | 26 1895 Wood<br>18 Port Matlamid, Ont.             | Tug.             | Pt. Dalhousie, Ont.<br>19-8-19                     | J. B. S.            | 26-8-19<br>19-8-20   | Ser. 19-8-20 | Port Dalhousie and Lake Ontario.                 | Albern and Howe, Port Dalhousie, Ont.                    |

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| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'enregistrement. | Tonnage.   | Where and when Built—Material.<br>Année et lieu de construction—Matériau de la coque. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Port et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate: Issued—Expires.<br>Certificat: Délivré—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. ch. H. P. | Route.                            | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|------------|---|---|---|---|---|--|-----------------------------------|--|
| Electronic<br>131220 Sydney, N.S.   | 231<br>157 | 1913 Wood.<br>Portland, Me.   | Pass.<br>407                                  | Sydney, N.S.<br>2 5 19<br>6 5 19                            | D. J. M.<br>A. McD.                                 | 12 5 19<br>2 5 20   | Ser.<br>46-8                                   | Sydney and N. Sydney              | Cape Breton Electric Co.,<br>Sydney, N.S.                          |
| Elgin F.<br>121337 Port Stanley, Ont.   | 66<br>45   | 1908 Wood.<br>Collingwood, Ont.   | Fishing tug.                                  | Port Stanley, Ont.<br>18-9 19                               | J. B. S.  | 20-9-19<br>19-9 20  | Ser.<br>20-2                                   | Lake Erie                         | C. Thorn, et al, Port Stanley, Ont.                                |
| Elice<br>96880 Goderich, Ont.   | 36<br>24   | 1894 Wood.<br>Goderich, Ont.  | Fish tug.                                     | South Baymouth<br>16-7-19                                   | P. W. L.  | 31-7-19<br>16-7-20  | Ser.<br>6-2                                    | Sheltered waters at Horse Island. | F. T. James Co., Toronto, Ont.                                     |
| Ella.<br>107843 Port Rowan, Ont.  | 15<br>10   | 1895 Wood.<br>St. Williams, Ont.  | Tug.  | Warton.<br>18-9-19  | J. T. G.  | Not issued.   | Ser.<br>2-1                                    | Sheltered waters at Warton.       | Alfred Ellis, Warton, Ont.   |
| Ellen V.<br>130285 St. Catharines, Ont.   | 43<br>29   | 1913 Wood.<br>Port Maitland, Ont.   | Fishing tug.                                  | Dunnville, Ont.<br>22-10-19                                 | J. B. S.  | 28-10-19<br>20-7-20   | Ser.<br>3-7                                    | Lake Erie                         | J. Mossip and G. Gorrell,<br>Port Maitland, Ont.                   |
| Ellison.<br>133843 Vancouver, B.C.  | 49<br>33   | 1913 Wood.<br>Vancouver, B.C.   | Tug.  | Nimkish, B.C.<br>28 11-19                                   | B. M.   | 28 11 19<br>28 11 20  | Ser.<br>13-5                                   | Nimkish Lake                      | Walkem Tow Boat Co., Ltd.<br>Vancouver, B.C.                       |
| Ellwood.<br>121989 Victoria, B.C.   | 7<br>5     | 1907 Wood.<br>Victoria, B.C.  | Yacht.  | Victoria, B.C.<br>29-7-19                                   | W. J. C.  | 30 7 19<br>25-7-21  | Ser.<br>1                                      | Victoria and adjacent islands.    | A. O. Ruseco, Victoria, B.C.                                       |
| Eloise.<br>107690 Prescott, Ont.  | 41<br>28   | 1881 Wood.<br>Adirons, N.Y.<br>1914 Cornwall, Ont.                                    | Pass.<br>37                                   | Morrisburg, Ont.<br>19 6 19<br>23-5 19                      | T. P. T.<br>M. R. D.                                | 23 6-19<br>19 6-20  | Ser.<br>4                                      | Morrisburg and Waddington.        | Simcoe Salmon, Morrisburg, Ont.                                    |
| Elsa.<br>122634 Kingston, Ont.  | 17<br>11   | 1906 Wood.<br>Kingston, Ont.  | Yacht.  | Beaumaris, Ont.<br>19 8 19                                  | G. M. A.  | 3-9-19<br>19-8 20   | Ser.<br>8-9                                    | Muskoka Lakes.                    | Curtis M. Willock, Defiance, Ohio.                                 |
| Elsie.<br>117012 Vancouver, B.C.  | 33<br>22   | 1908 Wood.<br>Vancouver, B.C.   | Tug.  | Vancouver, B.C.<br>2 6-19                                   | A. F.   | 4-6-19<br>22 5-20   | Ser.<br>5-6                                    | Vancouver and Straits of Georgia. | Gulf of Georgia Towing Co., Ltd., Vancouver, B.C.                  |
| Elsie.<br>122071 Toronto, Ont.  | 48<br>33   | 1906 Wood.<br>Trenton, Ont.   | Tug.  | Gore Bay, Ont.<br>24-7-19                                   | P. W. L.  | 31-7-19<br>24-7-20  | Ser.<br>10-6                                   | Lake Huron                        | Clark, Ltd., Toronto, Ont.   |
| Elsie M.<br>122650 Collingwood, Ont.  | 38<br>15   | 1908 Wood.<br>1916 Collingwood,<br>Ont.   | Fishing boat.                                 | Westford, Ont.<br>2-10-19                                   | J. T. G.  | 7-10-19<br>2-10-20  | Ser.<br>8-4                                    | Georgian Bay                      | D. S. McInnis, Meaford, Ont.                                       |
| Elsie Mae<br>134265 Midland, Ont.   | 55<br>14   | 1914 Wood.<br>Midland, Ont.   | Tug.  | French River<br>9-9-19                                      | G. M. A.  | 17-9-19<br>31-8-20  | Ser.<br>13-5                                   | French and Piekere Rivers.        | French River Boom Co., Ltd., Toronto, Ont.                         |
| Elsie McDonald.<br>134691 Paspébiac, P.Q.   | 54<br>33   | 1915 Wood.<br>Cross Point, P.Q.   | Pass.<br>40                                   | Campbellton, N.B.<br>14-5-19                                | C. E. D.  | 16-5-19<br>14-5-20  | PdL.   | Cross Point and Campbellton.      | John Quinn, Campbellton, N.B.                                      |
| Emile.<br>131050 Sorel, P.Q.  | 89<br>30   | 1897 Wood.<br>Sorel, P.Q.   | Tug.  | Sorel, P.Q.<br>5-5-19                                       | F. X. H.  | 5-5-19<br>5-5-20  | Ser.<br>24-8                                   | St. Lawrence River                | Dept. Marine and Fisheries,<br>Ottawa, Ont.                        |



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|  |  |                      |   |                      |                     |                 |   |  |
|--|--|----------------------|---|----------------------|---------------------|-----------------|---|--|
| Erma E.<br>130839 Port Arthur, Ont.            | 19 1910 Wood<br>13 Collingwood, Ont.                     | Tug.                 | The Pas, Man.<br>1-5-19                 | J. T. M.             | 15-5-19<br>1-5-20   | Tw. Ser.<br>2   | Saskatchewan River....                      | The Fingers Lumber Co.,<br>The Pas, Man.                     |
| Erma L.<br>116543 Montreal, P.Q.               | 54 1903 Wood<br>20 Farm Pt., Ont.                        | Tug.                 | Sorel, P.Q.<br>23-4-19                  | F. X. H.             | 23-4-19<br>23-4-20  | Ser.<br>28      | Montreal Harbour and<br>Canals.             | The Sincennes-McNaughton<br>Line, Montreal, P.Q.             |
| Erma Mac.<br>103266 Ottawa, Ont.               | 57 1910 Wood<br>36 Kippewa, P.Q.                         | Tug.                 | Timiskaming, Ont.<br>8-9-19             | J. E. L.             | Not issued.         | Ser.<br>28      | Lake Temiskaming....                        | Kippewa Fibre Co., Mont-<br>real, P.Q.                       |
| Emperor.<br>126654 Midland, Ont.               | 7 031<br>4 641 Temiskaming, P.Q.<br>Collingwood, Ont.    | Frt. and<br>pass. 6  | Collingwood, Ont.<br>2-4-19<br>14-4-19  | P. W. L.<br>S. D. A. | 14-4-19<br>14-4-20  | Ser.<br>139-34  | All lakes and rivers....                    | Inland Lines Co., Midland,<br>Ont.                           |
| Empress.<br>73086 Montreal, P.Q.               | 678 1886 Iron.<br>372 Ottawa, Ont.                       | Pass.<br>800         | Lachine, Que.<br>10-6-19<br>13-6-19     | J. E. L.<br>P. D.    | 10-6-19<br>10-6-20  | Pdl.<br>48      | Carillon to Montreal....                    | W. H. Dwyer & Co., Ottawa<br>Ont.                            |
| Empress.<br>107515 Peterboro, Ont.             | 84 1899 Composite<br>57 Lakefield, Ont.                  | Pass.<br>38          | Young's Point, Ont.<br>9-6-19<br>4-9-19 | T. P. T.<br>W. E.    | 4-10-19<br>10-7-20  | Ser.<br>13-5    | Trent Valley Canal....                      | P. P. Young, Young's Point,<br>Ont.                          |
| Empress.<br>116399 Charlottetown,<br>P.E.I.    | 1 342<br>613 Newcastle-on-Tyne,<br>G. B.                 | Pass.<br>450         | Dartmouth, N. S.<br>11-6-19             | D. J. M.             | 11-6-19<br>9-6-20   | Tw. Ser.<br>217 | St. John and Digby....                      | Can. Pacific Ry. Co.,<br>Montreal, P.Q.                      |
| Empress of Japan.<br>89911 Vancouver, B.C.     | 5 940<br>3 033 1891 Steel<br>Barrow-in-Furness,<br>G. B. | Pass.<br>662         | Vancouver, B.C.<br>12-12-19             | H. G. R.             | 18-12-19<br>18-7-20 | Tw. Ser.<br>690 | Vancouver and Hong<br>Kong.                 | Canadian Pacific Ry. Co.,<br>Montreal, P.Q.                  |
| Empress of Russia.<br>135197 Vancouver, B.C.   | 16 809<br>8 789 1913 Steel<br>Covan, G. B.               | Pass.<br>1,094       | Vancouver, B.C.<br>3-6-19               | H. G. R.             | 12-6-19<br>4-4-20   | Quad. Ser.<br>3 | Foreign going....                           | Canadian Pacific Ry. Co.,<br>Montreal, P.Q.                  |
| Enilda<br>126432 Victoria, B.C.                | 57 1909 Wood<br>39 Vancouver, B.C.                       | Pass.<br>110         | Vancouver, B.C.<br>11-6-19              | A. F.                | 30-6-19<br>1-6-20   | Ser.<br>3       | Vancouver and Indian<br>River.              | Harbour Shipping Co., Ltd.,<br>Vancouver, B.C.               |
| Enola.<br>138898 Vancouver, B.C.               | 26 1902 Wood<br>18 Ballard, Wash.,<br>U.S.               | Tug.                 | Prince Rupert, B.C.<br>28-6-19          | B. M.                | 30-6-19<br>27-6-20  | Ser.<br>8       | Coasting....                                | Colonial Lumber and Paper<br>Mills, Ltd., Vancouver,<br>B.C. |
| Enterprise.<br>122460 Charlottetown,<br>P.E.I. | 211 1907 Wood<br>98 Shelburne, N.S.                      | Frt. and<br>pass. 40 | Halifax, N.S.<br>21-5-19<br>20-3-19     | D. J. M.<br>A. McD.  | 22-5-19<br>21-5-20  | Ser.<br>41-6    | Halifax and La Have<br>River.               | J. A. Farquhar & Co., Hal-<br>ifax, N.S.                     |
| Eric W.<br>116815 Montreal, P.Q.               | 1 183<br>810 1882 Wood<br>Cleveland, Ohio.               | Frt.<br>40           | Quebec, P.Q.<br>18-4-19                 | J. A. S.<br>P. D.    | 18-4-19<br>18-4-20  | Ser.<br>99      | Lake Erie and Quebec.<br><small>Law</small> | Eric W., Ltd., Montreal,<br>P.Q.                             |
| Erl King.<br>126270 Toronto, Ont.              | 46 1909 Steel frame.<br>25 Toronto, Ont.                 | Tug.                 | Toronto, Ont.<br>16-3-19                | J. B. S.             | 25-8-19<br>16-8-20  | Ser.<br>6-5     | Toronto Harbour and<br>Lake Ontario.        | John Russell, Toronto, Ont.                                  |
| Erard Bay.<br>130898 Victoria, B.C.            | 12 1902 Wood.<br>8 Borer's Ferry,<br>U.S.                | Yacht.               | Nelson, B.C.<br>31-3-19                 | W. J. C.             | 31-5-19<br>30-5-20  | Ser.<br>2       | Kootenay Lake....                           | J. Gillette, Nelson, B.C.                                    |
| Escort.<br>97010 St. Catharines, O.            | 40 1894 Wood.<br>27 Port Robinson, Ont.                  | Tug.                 | Port Colborne, Ont.<br>22-8-19          | J. B. S.             | 2-9-19<br>22-8-20   | Ser.<br>11-2    | Welland Canal....                           | Welland Canal Tug Co. Ltd.,<br>Port Colborne, Ont.           |
| Escoumains.<br>126000 Quebec, P.Q.             | 74 1908 Wood<br>42 Escoumains, P.Q.                      | Tug.                 | Quebec, P.Q.<br>8-11-19                 | J. A. S.             | 8-11-19<br>8-11-20  | Ser.<br>16-7    | Montreal and Escou-<br>mains.               | Aif. Moffat, Escoumains,<br>P.Q.                             |
| Esud.<br>111782 New Westminster<br>B.C.        | 100 1883 Wood<br>60 Gloucester, Mass.                    | Tug.                 | Vancouver, B.C.<br>11-12-19             | H. G. R.             | 12-12-19<br>1-6-20  | Ser.<br>24      | Vancouver and Straits<br>of Georgia.        | Vancouver Machinery Depot<br>Ltd., Vancouver, B.C.           |
| Essex.<br>211553 Detroit, Mich.                | 366 1913 Steel<br>181 Toledo, Ohio.                      | Ferry.               | Walkerville, Ont.<br>4-6-19             | J. D.                | 27-6-19<br>6-5-20   | Ser.<br>26-1    | Detroit and Walkerville                     | Detroit and Walkerville<br>Ferry Co., Detroit, Mich.         |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Noms des officiers—Ports d'enregistrement. | Tonnage. | Where and when Built—Material.<br>Année et lieu de construction—Nature du Matériau. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate: Issued—Expires.<br>Certificat: Délivrance—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. ou H. P. | Route.                                      | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|--|----------|---|---|--|---|--|---|---|--|
| Estevan 131136 Ottawa, Ont.  | 697      | 1912 Steel<br>Collingwood, Ont.   | Govt. Ser.<br>20                              | Victoria, B.C.<br>27-3-20                                    | W. J. C.  | 30-3-20<br>25-3-21   | Tw. Ser.<br>174                               | Coastwise.                                  | The Minister of Marine and Fisheries, Ottawa, Ont.                 |
| Esther Anderson 138855 Port Arthur, Ont.   | 21       | 1919 Wood<br>Port Arthur, Ont.  | Tug.  | Rosport, Ont.<br>29-3-20<br>21-9-19                          | W. J. V.  | Not issued.  | Ser.<br>1                                     | Jackfish and Nipigon straits.               | Oscar Anderson.  |
| Ethel 103332 Montreal, P.Q.  | 72       | 1895 Steel<br>Sorel, P.Q.   | Tug.  | Sorel, P.Q.<br>12-4-19                                       | P. X. H.  | 28-4-19<br>12-4-20   | Ser.<br>51-6                                  | Montreal Harbour.                           | Sinences-McNaughton Line,<br>Montreal, P.Q.                        |
| Ethel Q 134349 Montreal, P.Q.  | 88       | 1914 Wood<br>Montreal, P.Q.   | Tug.  | Levis, P.Q.<br>26-5-20                                       | J. A. S.  | 4-11-19  | Ser.<br>38                                    | Quebec Harbour.                             | Quinlan Robertson, Ltd.,<br>Montreal, P.Q.                         |
| Ethell Reid 112374 Collingwood, Ont.   | 36       | 1901 Wood<br>Collingwood, Ont.  | Tug.  | Collingwood, Ont.<br>15-4-19                                 | P. W. L.  | Not issued.  | Ser.<br>11                                    | Georgian Bay.                               | E. A. Clark, Collingwood,<br>Ont.                                  |
| Etoile 77874 Quebec, P.Q.  | 560      | 1879 Composite.<br>Quebec, P.Q.   | Pt. Pass.<br>335                              | Quebec, Que.<br>25-4-19                                      | J. A. S.<br>P. D.                                   | 12-5-19<br>12-5-20   | Pat.<br>30                                    | Montreal and Quebec.                        | F. Boisvert, St. Croix, P.Q.                                       |
| Elna White 64154 Vancouver, B.C.   | 111      | 1871 Wood<br>Ft. Rupert, U.S.   | Tug.  | Vancouver, B.C.<br>10-5-19<br>20-2-20                        | A. F.   | 18-3-20<br>19-2-21   | Ser.<br>36-3                                  | Vancouver, Straits of Georgia and Johnston. | J. D. McNail, et al, Van-<br>couver, B.C.                          |
| Eu Jennie 116367 Goderich, Ont.  | 25       | 1905 Wood<br>Goderich, Ont.   | Tug.  | Little Current, Ont.<br>17-7-19                              | P. W. L.  | 31-7-19<br>17-7-20   | Ser.<br>8-4                                   | North Channel and Georgian Bay.             | John Lapointe, Sault Ste.<br>Marie, Ont.                           |
| Eureka 93940 Quebec, P.Q.  | 170      | 1893 Steel<br>Glasgow, G.B.   | Pilot tender<br>12                            | Quebec, P.Q.<br>14-7-19                                      | J. A. S.<br>P. D.                                   | 15-7-19<br>14-7-20   | Ser.<br>60-1                                  | Father Point.                               | Dept. Marine and Fisheries,<br>Ottawa, Ont.                        |
| Eva 96994 Vancouver, B.C.  | 35       | 1891 Wood<br>New Westminster, B.C.  | Tug.  | Vancouver, B.C.<br>9-2-20                                    | A. F.   | 18-3-20<br>27-4-21   | Ser.<br>11-8                                  | Vancouver and Straits of Georgia.           | C. W. Gaults, New West-<br>minster, B.C.                           |
| Eva Johnston 80606 St. John, N.B.  | 16       | 1887 Wood<br>Yarmouth, N.S.   | Tug.  | Fredericton, N.B.<br>23-7-19                                 | C. E. D.  | 21-7-19<br>23-7-20   | Ser.<br>3                                     | Inside Musquash Hd. and Cape Spencer.       | Martin Carrier, Oronocho,<br>N.B.                                  |
| Evangeline 77970 Vancouver, B.C.   | 11       | 1881 Wood<br>Victoria, B.C.   | Tug.  | Vancouver, B.C.<br>9-4-19                                    | A. F.   | 12-4-19  | Ser.<br>2-5                                   | Vancouver Harbour and Point Atkinson.       | M. G. Sparrow, Vancouver,<br>Vancouver, B.C.                       |
| Evelyn Not registered.   | 22       | 1900 Wood<br>Victoria, B.C.   | Tender<br>Pass. 6                             | Victoria, B.C.<br>18-9-19                                    | W. J. C.  | 20-9-19<br>15-9-20   | Ser.<br>2-4                                   | Victoria and William Head.                  | The Minister of Agriculture,<br>Ottawa, Ont.                       |
| Evelyn 96876 Goderich, Ont.  | 22       | 1893 Wood<br>Goderich, Ont.   | Fishing Tug                                   | South Bay, Ont.<br>16-7-19                                   | P. W. L.  | 31-7-19<br>16-7-20   | Ser.<br>9-6                                   | Lake Huron.                                 | Domion Fish Co., Ltd.,<br>Winnipeg, Man.                           |
| Excelsior 407484 Sault Ste. Marie, Ont.  | 25       | 1900 Wood<br>Gore Bay, Ont.   | Fishing Tug                                   | Kagawong, Ont.<br>23-7-19                                    | P. W. L.  | 31-7-19<br>23-7-20   | Ser.<br>6                                     | Sheltered waters at Kagawong.               | M. Graham, Kagawong,<br>Ont.                                       |
| Exaway 131004 St. John, N.B.   | 15       | 1912 Wood<br>St. John, N.B.   | Yacht   | St. John, N.B.<br>5-6-19                                     | C. E. D.  | 5-6-19<br>5-6-20   | Ser.<br>3-3                                   | Musquash Head and Cape Spencer.             | J. P. Williamson, St. John,<br>N.B.                                |

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| Name                     | No.    | Material     | Location              | Pass.           | Use         | Regd.            | Inspr.           | Officer  | Class  | Not issued..         | Ser. | Locality                            | Owner   |
|--------------------------|--------|--------------|-----------------------|-----------------|-------------|------------------|------------------|----------|--|----------------------|------|-------------------------------------|---|
| F. B. Wright<br>138463   | 16     | 1919 Wood    | Sault Ste Marie, Ont. | Pass.           | Tug         | 1177             | Wyandotte, Mich. | P. W. L. | Sault Ste Marie, Ont. and Point Aux Plaines. | Not issued..         | 4    | Sault Ste Marie, Ont.               | P. A. and F. J. Wright, Sault Ste Marie, Ont.             |
| F. N. McCrea             | 19     | Wood         | Wood                  | Tug             | 1177        | Wyandotte, Mich. | Cardby, P. Q.    | J. A. S. | Lake Aylmer, Que.                            | Not issued..         | 3    | Lake Aylmer, Que.                   | Brompton Pulp and Paper Co., East Angus, Que.             |
| F. P. Jones, Midland     | 1870   | 1913 Steel   | Oswego, U.S.A.        | Frt.            | 13-9-19     |                  |                  | W. E.    | Lakes and rivers                             | 7-10-19<br>13-9-20   |      | Lakes and rivers                    | Great Lakes Transportation Co., Ltd., Midland, Ont.       |
| F. W. Avery<br>106639    | 1, 117 | 1895 Wood    | Calumet, P. Q.        | Tug             | 24-7-19     |                  |                  | J. T. G. | Calumet and La Rouge                         | Not issued..         | 3    | Calumet and La Rouge                | Riordon Pulp and Paper Co., Montreal.                     |
| F. W. Grant<br>134262    | 20     | 1914 Steel   | Port Arthur, Ont.     | Tug             | 29-7-19     |                  |                  | W. J. V. | Thunder Bay                                  | 29-7-19<br>29-7-20   | 37 5 | Thunder Bay                         | Canadian Dredging Co., Midland, Ont.                      |
| F. W. Roebling<br>113782 | 162    | 1890 Wood    | Hullfax, N.S.         | Tug             | 3-9-19      |                  |                  | N. A. C. | Hullfax and coastwise                        | 5-5-19<br>3-9-20     | 42 6 | Hullfax and coastwise               | F. W. Roebling Co., Ltd., Hullfax, N.S.                   |
| F. Durac<br>116593       | 114    | 1904 Steel   | Sorel, P. Q.          | Tug             | 22-4-19     |                  |                  | F. X. H. | Sorel, Que.                                  | 28-9-19<br>22-4-20   | 54   | Montreal harbour                    | Sincoens-McNaughton Line, Montreal, P. Q.                 |
| F. Paul<br>126159        | 70     | 1898 Wood    | Sorel, P. Q.          | Tug             | 1-9-19      |                  |                  | F. X. H. | Sorel, P. Q.                                 | 7-7-19<br>5-1-20     | 13   | Montreal and Chambly                | Alp. Desrochers, Sorel, P. Q.                             |
| Fairfax<br>111966        | 1, 367 | 1890 Wood    | Cleveland, U.S.A.     | Frt.            | 14-4-19     |                  |                  | J. D.    | Lakes and rivers                             | 28-5-19<br>14-4-20   | 85 9 | Lakes and rivers                    | The Ontario and Quebec Nav. Co., Picton, Ont.             |
| Fanny Arnold<br>85322    | 1, 919 | 1882 Wood    | Owen Sound, Ont.      | Tug and Pass. 8 | 27-5-19     |                  |                  | P. W. L. | Cutler, Ont.                                 | 28-10-19<br>11-10-20 | 31 8 | North Channel and Georgian Bay      | B. W. Arnold, Albany, N.Y.                                |
| Fargher<br>129235        | 73     | 1911 Rebuild | Warton, Ont.          | Tug             | 16-10-19    |                  |                  | S. D. A. | Welland, Ont.                                | 11-10-19             |      | Vancouver and Powell river          | Kingsome Navigation Co., Ltd., Vancouver, B.C.            |
| Faulthess<br>122167      | 42     | 1908 Wood    | Vancouver, B.C.       | Tug             | 17-9-19     |                  |                  | A. F.    | Vancouver, B.C.                              | 10-9-20              | 16 7 | Vancouver and straits of Georgia    | Westminster Towing and Fishing Co., New Westminster, B.C. |
| Fearless<br>107247       | 145    | 1908 Wood    | New Westminster       | Tug             | 23-3-20     |                  |                  | H. G. R. | Vancouver, B.C.                              | 17-2-21              | 39 1 | Fraser river and Straits of Georgia | Joseph Mayers, New Westminster, B.C.                      |
| Fedora II<br>130112      | 75     | 1898 Wood    | New Westminster       | Tug             | 30-9-19     |                  |                  | A. F.    | New Westminster                              | 10-10-19<br>29-9-20  | 13 5 | Fraser river and Straits of Georgia | Joseph Mayers, New Westminster, B.C.                      |
| Ferdinand<br>122221      | 21     | 1915 Wood    | Sault Ste Marie, Ont. | Pass. frt. 10   | 27-5-19     |                  |                  | P. W. L. | Sault Ste Marie                              | 27-5-19<br>27-5-20   | 2    | St. Mary's River                    | W. K. Sims, Sault Ste Marie, Ont.                         |
| Fleming<br>91527         | 76     | 1904 Wood    | St. Antoine, P. Q.    | Pass.           | 4-10-19     |                  |                  | F. X. H. | Sorel, P. Q.                                 | 6-1-20               | 26   | Prescott and Kingston               | los. Duhrule, Prescott, Ont.                              |
|                          | 266    | 1885         | Hull, G.B.            | Fishing boat    | 22-10-19    |                  |                  | M. R. D. | Prescott, Ont.                               | 4-10-20              |      | Vancouver and Coasting, B.C.        | Canadian Fishing Co., Vancouver, B.C.                     |
|                          | 125    | Hull, G.B.   |                       |                 | 4-4-19      |                  |                  | H. G. R. | Vancouver, B.C.                              | 5-4-19<br>3-4-20     | 79 5 | Vancouver and Coasting, B.C.        |   |
|                          |        |              |                       |                 | (2nd Inspn) |                  |                  |          |  | Not issued..         |      |                                     |   |

TABLE I—Concluded.—TABLEAU I—Fin.

| Name of Vessels—Official,<br>No.—Port of Registry.                | Tonnage.       | Where and When<br>Built—Material.                           | Trade—No<br>of Pass.           | Port and Date<br>of Inspection.  | Inspectors'<br>Initials.        | Certificate:<br>Issued—<br>Expires. | Propulsion—<br>N. H. P.    | Route.                                       | Name and Address<br>of Owners.                                |
|---|----------------|---|--------------------------------|----------------------------------|---------------------------------|-------------------------------------|----------------------------|--|---|
| Noms des navires—<br>Numéros officiels—Ports<br>d'enregistrement. |                | Année et lieu<br>de construction—<br>Nature de<br>la coque. | Service—<br>Nombre<br>de pass. | Ports et dates<br>d'inspection.  | Initiales<br>des<br>inspecteurs | Certificat:<br>D'expiration.        | Propulsion—<br>N. on H. P. |  | Noms et adresses<br>des propriétaires.                        |
| Florence<br>53072 Ottawa, Ont.                                    | 62             | 1881 Wood<br>24 Rockland, Ont.                              | Tug.                           | Montreal, Que.<br>20-5-19        | A. T. G.                        | 27-5-19<br>20-5-20                  | Ser.<br>31-7               | Ottawa River.....                            | Ottawa Transportation Co.,<br>Ottawa, Ont.                    |
| Florence<br>88309 Montreal  | 113            | 1885 Wood<br>30 Lewis, Que.                                 | Tug.                           | Ogdensburg<br>24-6-19            | T. P. T.                        | 28-6-19<br>10-6-20                  | Ser.<br>54                 | Lake Erie and Fidler<br>Pt.                  | Geo. Hall Co., Montreal.                                      |
| Fishing<br>30751 St. John, N.B.                                   | 178            | 1919 Wood<br>121 St. John, N.B.                             | Tug.                           | St. John, N.B.<br>6-6-19         | C. E. D.                        | 7-6-19<br>6-6-20                    | Ser.<br>61-1               | St. John River.....                          | St. John River Log Driving<br>Co., Devon, N.B.                |
| Flyer<br>10772 New Westminster,<br>B.C.                           | 47             | 1908 Wood<br>32 Vancouver, B.C.                             | Tug.                           | New Westminster<br>10-9-19       | A. F.                           | 10-10-19<br>9-9-20                  | Ser.<br>13-5               | New Westminster and<br>Straits of Georgia.   | Monarch Towing and Trad-<br>ing Co., New Westminster,<br>B.C. |
| Forager<br>11642 Victoria, B.C.                                   | 60             | 1904 Wood<br>57 Victoria, B.C.                              | Frt.                           | Victoria, B.C.<br>12-3-20        | W. T. C.                        | 20-3-20<br>11-3-21                  | Ser.<br>13-3               | Victoria-Vancouver and<br>Puget Sound ports. | J. & W. C. Idioms, Victoria,<br>B.C.                          |
| Fort Hamilton (ex Bernu-<br>dan).<br>120477 Montreal, P.Q.        | 5,536<br>2,889 | 1904 Steel<br>Sunderland, G.B.                              | Pass.                          | New York, N.Y.<br>26-9-19        | C. D. D.<br>W. R. B.            | 8-12-19<br>25-9-20                  | Tw. Ser.<br>504            | New York to Bermuda.<br>P.Q.                 | Canada S.S. Lines, Montreal,<br>P.Q.                          |
| Fort Langley<br>130877 New Westminster.                           | 34             | 1913 Wood<br>21 Vancouver, B.C.                             | Pass.                          | New Westminster<br>10-4-19       | A. F.                           | 21-4-19<br>9-4-20                   | Ser.<br>4                  | New Westminster and<br>Whomock.              | J. D. Stalker, New West-<br>minster, B.C.                     |
| Fort McMurray<br>134665 Winnipeg.                                 | 661<br>397     | 1915 Composite<br>Fort McMurray.                            | Frt. and<br>Pass.              | Fort McMurray, N.W.T.<br>12-6-19 | J. T. M.                        | 12-6-19<br>12-6-20                  | Sternwheel.<br>9-6         | Fort Fitzgerald to Fort<br>McMurray.         | Hudson's Bay Co., London,<br>Eng.                             |
| Foster Bros.<br>134354 Port Barwell.                              | 15             | 1918 Wood<br>10 Port Stanley, Ont.                          | Tug.                           | Port Barwell, Ont.<br>23-7-19    | J. B. S.                        | Not issued.                         | Ser.<br>6                  | Lake Erie.....                               | H. N. Foster and L. Foster,<br>Port Barwell, Ont.             |
| Frances Martin<br>126651 Midland, Ont.                            | 27             | 1909 Wood<br>13 Penetang, Ont.                              | Tug.                           | Penetang, Ont.<br>13-10-19       | G. M. A.                        | 18-10-19<br>30-9-20                 | Ser.<br>3-3                | Penetang and Parry<br>Sound.                 | Wm. Martin, Penetang, Ont.                                    |
| Frances W.<br>126051 Owen Sound.                                  | 43             | 1908 Wood<br>41 Collingwood, Ont.                           | Tug.                           | Pt. Robinson, Ont<br>6-8-19      | J. B. S.                        | 14-8-19<br>6-8-20                   | Ser.<br>8                  | New Weller Canal.....                        | Canadian Dredging Co.,<br>Ltd., Midland, Ont.                 |
| Francis Cutting<br>126897 Vancouver, B.C.                         | 91             | 1887 Wood<br>60 San Francisco, U.S.A.                       | Tug.                           | Vancouver, B.C.<br>14-2-20       | H. G. R.                        | 18-3-20<br>19-1-21                  | Ser.<br>11-3               | Vancouver and Straits of<br>Georgia.         | W. H. Whulson, Vancouver,<br>B.C.                             |
| Francis Idaho<br>130846 Vancouver, B.C.                           | 14             | 1911 Wood<br>10 Vancouver, B.C.                             | Tug.                           | New Westminster<br>10-3-20       | A. F.                           | 8-4-20<br>17-2-21                   | Ser.<br>6-5                | Fraser river and New<br>Westminster.         | A. Gill et al, Vancouver, B.C.                                |
| Francis C.<br>126454 Sorel, P.Q.                                  | 126            | 1909 Steel<br>40 Sorel, P.Q.                                | Ferry.                         | Sorel, Que.<br>4-7-19            | F. X. H.<br>P. D.               | 14-5-19<br>7-4-20                   | Ser.<br>13-5               | Sorel and Berthier.....                      | Francois Crepeau, Sorel,<br>P.Q.                              |
| Frank Dewey<br>70257 Montreal.                                    | 43             | 1887 Wood.<br>24 Buffalo.                                   | Tug.                           | Montreal, P.Q.<br>3-5-19         | J. T. G.                        | 7-5-19<br>3-5-20                    | Ser.<br>15                 | Lachine Canal.....                           | The Minister of Railways<br>and Canals, Ottawa, Ont.          |

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|--|--|-----------------------------|-------------------|----------------------|-------------|----------------------------------|--|
| Frank B. Stevens,<br>134517 Sarnia, Ont.         | 516 1867 Wood,<br>269 Buffalo, N.Y.                                      | Port Huron, Ont.<br>4-10-18 | W. E.             | 25-10-18<br>4-10-19  | Ser. 47.1   | Point Iroquois and Que-<br>bec.  | American Transit Co., Ltd.,<br>Sarnia, Ont.              |
| Frank H. Stanley,<br>130238 Port Stanley, Ont.   | 43 1912 Wood<br>29 Port Stanley, Ont.                                    | Fishing<br>boat.            | J. B. S.          | 30-9-19<br>20-9-20   | Ser. 10-6   | Lake Erie.                       | Moore and Stanton, Port<br>Stanley, Ont.                 |
| Frank J.,<br>117079 Toronto, Ont.                | 46 1895 Wood,<br>31 Parry Sound.   | Fishing tug.                | P. W. L.          | 29-4-19<br>28-4-20   | Ser. 10-6   | Georgian Bay.                    | W. H. Oldfield, Parry Sound,<br>Ont.                     |
| Frankie H.,<br>116223 Quebec, P. Q.              | 17 1903 Wood<br>8  | Tug.                        | J. A. S.          | 23-8-19<br>14-8-20   | Ser. 19-1   | Restigouche river.               | Chaleur Bay Mills, C.<br>Point.                          |
| Franklin (ex Welcome)<br>91492 Buffalo.          | 141 1894 Wood<br>77 St. Clair.   | Pass.                       | J. B. S.<br>W. E. | 12-5-19<br>22-4-20   | Ser. 11     | Niagara River and Fort<br>Erie.  | Niagara Ferry & Trans. Co.,<br>Buffalo.                  |
| Fraserville,<br>116715 Quebec.                   | 51 1904 Steel,<br>40 Gasgow, G. B.                                       | Tug.                        | J. A. S.          | 3-11-19<br>3-11-20   | Ser. 17     | Quebec Harbour.                  | La Cie Sable Union, Quebec,<br>P. Q.                     |
| Fred A. Lee,<br>134379 Sault Ste. Marie,<br>Ont. | 65 1896 Wood<br>32 Port Huron, Mich.                                     | Tug.                        | P. W. L.          | 29-10-19<br>23-10-20 | Ser. 14     | St. Marys river.                 | S. L. Penlorwood, Sault<br>Ste. Marie, Ont.              |
| Fred Glasier,<br>103260 St. John, N. B.          | 10 1896 Wood<br>7 Lunenburg, N. B.                                       | Tug.                        | C. E. D.          | 9-6-19<br>9-6-20     | Ser. 6      | St. John River.                  | St. John River Log Driving<br>Co., Ltd., St. John, N. B. |
| Fred L. M. Paint,<br>111791 Port Hawkesbury      | 88 1903 Wood<br>39 Pt Hawkesbury, N. S.                                  | Tug.                        | N. A. C.          | 16-8-19<br>2-8-20    | Ser. 24     | Coasting.                        | Maritime Dredging and Con-<br>struction, St. John, N. B. |
| Fredrigton,<br>131137 Ottawa, Ont.               | 109 1913 Steel<br>47 Toronto, Ont.                                       | Tug.                        | N. A. C.          | 7-5-19<br>5-5-20     | Ser. 27.3   | Coasting.                        | Minister of Public Works,<br>Ottawa, Ont.                |
| Frednaac,<br>141471 Montreal, P. Q.              | 158 1919 Wood,<br>14 Sorel, P. Q.  | Tug.                        | F. X. H.          | 3-11-19<br>3-11-20   | Ser. 54     | Lakes and Rivers.                | The Sincennes McNaughton<br>Co., Montreal, P. Q.         |
| Friday,<br>138412 Winnipeg, Man.                 | 39 1911 Wood<br>26 Selkirk, Man.   | Tug.                        | J. T. M.          | 17-5-19<br>15-5-20   | Ser. 5      | Red River.                       | The Minister of Public<br>Works, Ottawa, Ont.            |
| Frederick,<br>112301 Winnipeg, Man.              | 36 1904 Wood,<br>27 Selkirk, Man.  | Tug.                        | W. J. V.          | Not issued           | Ser. 10     | Rainy River and Lake<br>Francis. | Shelburn Clark Co., Fort<br>Francis.                     |
| Frontenac,<br>107068 Quebec, P. Q.               | 304 1899 Steel<br>208 Levis, P. Q.                                       | Ferry,<br>550               | J. A. S.<br>P. D. | 19-4-19<br>15-4-20   | Ser. 44-6   | Quebec and Isle of Or-<br>leans. | La Cie Maritime Industrielle<br>de Lévis, P. Q.          |
| Frontenac,<br>117767 Kingston, Ont.              | 111 1901 Wood<br>64 Garden Isl., Ont.<br>1913 Rebuilt,<br>Garden Island. | Tug.                        | T. P. T.          | 24-9-19<br>1-9-20    | Ser. 17-3   | Brighton and Montreal.           | Jno. Donnelly, Kingstons.<br>Ont.                        |
| Frontenac,<br>133909 Sorel, P. Q.                | 262 1901 Composite<br>131 Sorel, P. Q.                                   | Tug.                        | F. X. H.          | Not issued           | Tw. ser. 63 | Montreal and Quebec.             | Minister of Marine and<br>Fisheries, Ottawa.             |
| G. T. D.,<br>97096 Quebec, P. Q.                 | 285 1890 Wood,<br>Bridgewater, N. S.                                     | Pass.<br>40                 | J. A. S.<br>P. D. | 18-7-19<br>10-4-20   | Ser. 1      | Montreal and Gulf.               | Quebec Salvage and Wreck-<br>ing Co., Montreal, P. Q.    |
| G. A. McLaurin,<br>126046 Port Arthur, Ont.      | 17 1909 Wood,<br>12 Peterboro, Ont.                                      | Tug.                        | W. J. V.          | 14-7-19<br>14-7-20   | Ser. 1      | Port Arthur and Fort<br>William. | Geo. A. McLaurin, Port<br>Arthur, Ont.                   |

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| Name of Vessels—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'enregistrement. | Tonnage.       | Where and when Built—Material.<br>Année et lieu de construction—Nature de la coque. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs | Certificate issued—Expres.<br>Certificat: Délivrance—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. en H. P. | Route.                            | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|--|----------------|---|---|--|--|--|---|-----------------------------------|--|
| G. B. Greene.<br>103882 Ottawa, Ont.   | 255<br>218     | 1896 Steel<br>Quyon, P. Q.  | Tug.....                                      | Quyon, Que.<br>20-5-19                                       | J. F. L.....                                       | 27-5-19<br>20-5-20   | P.V.<br>34-1                                  | Lake Deschenees.....              | Upper Ottawa Improvement Co., Ottawa.                              |
| G. D. Hunter.<br>66912 St. John, N. B.   | 68<br>13       | 1873 Wood<br>St. John, N. B.<br>1901 Rebuilt.                                       | Tug.....                                      | St. John, N. B.<br>7-4-19                                    | C. E. D.....                                       | 9-4-19<br>7-4-20   | Ser.<br>20                                    | St. John River.....               | Miss A. F. Gregory, St. John, N. B.                                |
| G. F. Foster.<br>13474 Grimsby, Eng.   | 230<br>36      | 1882 Wood<br>1912 Rebuilt.<br>Selby, Eng.   | Fishing boat.                                 | Prince Rupert<br>24-1-19                                     | B. M.....  | 9-2-20<br>23-1-21  | Ser.<br>58                                    | Prince Rupert and Coasting, B. C. | Atlin Construction Co., Victoria, B. C.                            |
| G. H. Notter.<br>130935 Montreal, P. Q.  | 23<br>15       | 1882 Wood<br>1912 Rebuilt.<br>Greenville, P. Q.                                     | Tug.....                                      | Ottawa, Ont.<br>16-5-19                                      | J. T. G.....                                       | 27-5-19<br>16-5-20   | Ser.<br>4-8                                   | Ottawa River.....                 | W. C. Edwards Co. Ottawa, Ont.                                     |
| G. K. King.<br>102369 St. John, N. B.  | 45<br>31       | 1897 Wood<br>Goodale Pk.<br>1908 Rebuilt.<br>St. John, N. B.                        | Tug.....                                      | St. John, N. B.<br>22-8-19                                   | C. E. D.....                                       | 5-9-19<br>22-8-20  | Ser.<br>15-5                                  | Coasting.....                     | Mrs. C. A. Waring, St. John, N. B.                                 |
| G. R. Crowe.<br>123324 Toronto, Ont.   | 2,940<br>2,347 | 1907 Steel<br>Dundee, G. B.<br>1910<br>Collingwood, Ont.                            | Frt.....                                      | New York, N. Y.<br>30-1-20                                   | C. E. D<br>W. R. B.                                | 24-2-20<br>24-2-21   | Ser.<br>8-5                                   | Foreign going.....                | Montezuma Transportation Co., Toronto, Ont.                        |
| G. R. Geary.<br>130313 Toronto, Ont.   | 199<br>153     | 1912 Steel<br>Toronto, Ont.   | Tug and pass. 40                              | Toronto, Ont.<br>6-11-19                                     | J. B. S.....                                       | 7-11-19<br>4-7-20  | Ser.<br>8-5                                   | Toronto Bay and Lake Ontario.     | Corporation of the City of Toronto, Ont.                           |
| G. S. Mayes.<br>133756 St. John, N. B.   | 110<br>75      | 1913 Wood<br>St. John, N. B.  | Tug.....                                      | Halifax, N. S.<br>19-7-19                                    | D. J. M.....                                       | 26-7-19<br>19-7-20   | Ser.<br>37                                    | Coasting.....                     | Furness Withly & Co., Halifax, N. S.                               |
| Gaetan.<br>133829 Montreal, P. Q.  | 25<br>12       | 1913 Wood<br>Greenville, P. Q.  | Tug.....                                      | Montreal, P. Q.<br>2-7-19                                    | J. E. L.....                                       | 2-7-19<br>2-7-20   | Ser.<br>3-3                                   | Ottawa River.....                 | George Dausereau, Greenville, P. Q.                                |
| Gumbler.<br>126642 Port Dover, Ont.  | 17<br>25       | 1909 Wood<br>Port Dover, Ont.   | Fishing tug                                   | Port Dover, Ont.<br>24-7-19                                  | J. B. S.....                                       | 29-7-19<br>24-7-10   | Ser.<br>3-3                                   | Lake Erie.....                    | C. W. Burwell and P. Robinson, Port Dover, Ont.                    |
| Garland.<br>85619 Detroit, Mich.   | 248<br>172     | 1880 Wood<br>Detroit, Mich.   | Ferry.....                                    | Windsor, Ont.<br>12-5-19                                     | J. D.....  | 27-6-19<br>3-5-19  | Ser.<br>26-6                                  | Windsor and Detroit.....          | Detroit and Windsor Ferry Co., Detroit, U. S. A.                   |
| Garry.<br>134253 Winnipeg, Man.  | 120<br>87      | 1914 Wood<br>Selkirk, Man.  | Fishing tug.<br>15                            | Selkirk, Man.<br>6-5-19                                      | J. T. M.....                                       | 9-5-19<br>8-5-20   | Ser.<br>31-8                                  | Lake Winnipeg.....                | Northwest Nav. Co., Winnipeg, Man.                                 |
| Gaspé Trader.<br>103514 Gaspé.   | 209<br>142     | 1918 Wood<br>Barachois, P. Q.   | Frt.....                                      | Gaspé.<br>16-8-19  | J. A. S.....                                       | Not issued.  | Tw. ser.<br>22                                | Quebec and Newfoundland.          | H. A. Ellis, Barachois.  |

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| 35             | 1892 Wood             | Pass         | Port Sydney, Ont.    | G. M. A.          | Not issued.        | Port Sydney and Huntsville.     | Ser. 6    | A. S. Smith, Port Sydney, Ont.                     |
| 24             | 1912 Rebuilt.         |              |                      |                   |                    |                                 |           |  |
| 2,490          | 1919 Steel.           | Frt.         | Toronto, Ont.        | J. D. W. E.       | 14-5-19<br>6-5-20  | Foreign going.                  | Ser. 147  | Dominion Shipbuilding Co., Toronto, Ont.           |
| 1,518          | Toronto, Ont.         | Frt.         | Toronto, Ont.        | J. D. W. E.       | 17-7-19<br>16-6-20 | Foreign going.                  | Ser. 147  | Dominion Shipbuilding Co., Toronto, Ont.           |
| 2,490          | 1919 Steel.           | Frt.         | Toronto, Ont.        | G. M. A.          | 16-8-19<br>16-8-20 | Foreign going.                  | Ser. 147  | Dominion Shipbuilding Co., Toronto, Ont.           |
| 1,521          | Toronto, Ont.         | Frt.         | Toronto, Ont.        | J. D. W. E.       | 22-9-19<br>22-9-20 | Foreign going.                  | Ser. 147  | Dominion Shipbuilding Co., Toronto, Ont.           |
| 2,490          | 1919 Steel.           | Frt.         | Toronto, Ont.        | J. D. W. E.       | 11-9-19<br>22-8-20 | Trent Valley Canal.             | Ser. 10-7 | W. Thomson, Orillia, Ont.                          |
| 1,519          | Toronto, Ont.         | Pass         | Peterboro, Ont.      | T. P. T. W. E.    | 22-8-20            |                                 |           |  |
| 92             | 1905 Composite.       |              |                      |                   |                    |                                 |           |  |
| 58             | Orillia, Ont.         |              |                      |                   |                    |                                 |           |  |
| 71             | 1913 Wood             | Pass         | Buckingham, P.Q.     | J. T. G. P. D.    | 28-7-19<br>22-7-20 | Buckingham to High Falls.       | Ser. 13-5 | Lievre River Nav. Co. Buckingham, P.Q.             |
| 42             | Buckingham, Que.      |              |                      |                   |                    |                                 |           |  |
| 32             | 1888 Wood.            | Tug.         | Sault Ste. Marie.    | P. W. L.          | 30-5-19<br>30-5-20 | Thessalon to Goulais Bay.       | Ser. 8-5  | Lake Superior Paper Co. Sault Ste-Marie, Ont.      |
| 21             | Bufalo, N. Y. rebuilt |              |                      |                   |                    |                                 |           |  |
| 1916           | S. Ste-Marie          |              |                      |                   |                    |                                 |           |  |
| 23             | 1907 Wood.            | Fishing boat | Port Burwe MM, Ont.  | J. B. S.          | 1-10-19<br>20-7-20 | Lake Erie.                      | Ser. 3-08 | N. S. Cornell, Port Stanley Ont.                   |
| 16             | Kincardine, Ont.      |              |                      |                   |                    |                                 |           |  |
| 56             | 1880 Wood.            | Tug.         | Little Current, Ont. | P. W. L.          | 31-7-19<br>18-7-20 | Beaverstone & Sault Ste Marie.  | Ser. 6-5  | B. H. Turner, Little Current Ont.                  |
| 38             | West Bay City.        |              |                      |                   |                    |                                 |           |  |
| 1910           | Rebuilt.              |              |                      |                   |                    |                                 |           |  |
| 25             | 1903 Composite.       | Tug.         | Val Brilliant, Que.  | J. A. S.          | 23-8-19<br>12-8-20 | Lake Matepédia.                 | Ser. 3    | John Fenderson & Co., Sayabec.                     |
| 14             | Levis, Que.           |              |                      |                   |                    |                                 |           |  |
| 52             | 1913 Wood.            | Tug.         | Chicoutimi, P.Q.     | J. A. S.          | 25-6-19<br>18-6-20 | Chicoutimi and St. Alphonse.    | Ser. 20   | Jos. Tremblay Alexis, Chicoutimi, P.Q.             |
| 26             | Escoumains, P.Q.      |              |                      |                   |                    |                                 |           |  |
| 50             | 1910 Wood.            | Tug.         | Quebec, P.Q.         | J. A. S.          | 27-6-19<br>5-6-20  | Three Rivers Harbour.           | Ser. 17   | Quinlan & Robertson Ltd., Montreal, P.Q.           |
| 20             | Montreal, P.Q.        |              |                      |                   |                    |                                 |           |  |
| 106            | 1903 Steel.           | Tug.         | Vancouver.           | A. F.             | 22-8-19<br>4-8-20  | Port Mann and Patricia Bay.     | Ser. 30-4 | The Victoria Whaling Co., Toronto, Ont.            |
| 41             | Christiana, Nor.      |              |                      |                   |                    |                                 |           |  |
| 41             | 1884 Wood.            | Tug.         | Toronto, Ont.        | G. M. A.          | 3-9-19<br>13-8-20  | Bay of Quinte and Lake Ontario. | Ser. 16   | Michael J. Haney and Roger Miller, Toronto, Ont.   |
| 28             | Cardinal, Ont.        |              |                      |                   |                    |                                 |           |  |
| Rebuilt, 1901. |                       |              |                      |                   |                    |                                 |           |  |
| 35             | 1906 Wood.            | Pass.        | Haileybury, Ont.     | J. E. L.          | Not issued.        | Long Lake.                      | Ser. 2-4  | T. Broom, Guigues, Que.                            |
| 24             | Toronto, Ont.         |              |                      |                   |                    |                                 |           |  |
| 18             | 1903 Wood.            | Pass.        | Kingston, Ont.       | T. P. T. M. R. D. | 6-8-19<br>15-9-19  | Kingston and Brockville.        | Ser.      | Carroll W. Powell, Kingston, Ont.                  |
| 11             | Kingston, Ont.        |              |                      |                   |                    |                                 |           |  |
| 357            | 1918 Steel.           | Pass.        | Esquimalt, B.C.      | W. J. C.          | 26-8-19<br>20-8-20 | Victoria and Coastwise.         | Ser. 62   | The Minister of Marine and Fisheries, Ottawa, Ont. |
| 186            | Montreal, P.Q.        |              |                      |                   |                    |                                 |           |  |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessels—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'enregistrement. | Where and When Built—Material.<br>Année et lieu de construction—Matériau de la coque. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs | Certificate: Issued—Expires.<br>Certificat: Délivrance—Expiration. | Propulsion—N.H.P.<br>Propulsion—N. on H.P. | Route.                                       | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|--|---|---|--|--|--|--|--|--|
| Gladiator.....<br>61393 Sydney, N.S.   | 1861 Wood.<br>37 Brooklyn, N.Y.   | Tug.  | Dartmouth, N.S.<br>27-2-20                                   | D. J. M.   | 28-2-20<br>27-2-21   | Ser.<br>27-8                               | Halifax Harbour.....<br>Halifax.             | Halifax Towboat Co.,<br>Halifax.                                   |
| Glad Tidings.....<br>111929 Toronto, Ont.  | 1892 Rebuilt.<br>Sydney, N.S.   | Tug.  | Huntsville, Ont.<br>30-8-19                                  | G. M. A.   | 3-9-19<br>26-8-20  | Ser.<br>3-8                                | Huntsville and vicinity.<br>Huntsville, Ont. | Muskoka Wood Mig. Co.,<br>Huntsville, Ont.                         |
| Glady's.....<br>107722 Vancouver, B.C.   | 1899 Wood.<br>6 Jersey City, U.S.A.   | Yacht.  | Atlin, B.C.<br>22-7-19                                       | B. M.  | 22-7-19<br>21-7-20   | Ser.<br>4-1                                | Atlin lake.<br>Atlin, B.C.                   | Inland Trading Co., Vie-<br>toria, B.C.                            |
| Gleaner.....<br>107526 Victoria, B.C.  | 1899 Wood.<br>149 Bennett lake.   | Pass.frt.                                     | Carcross, Y.T.<br>21-7-19                                    | B. M.  | Not issued.  | Stern wheel.<br>8                          | Cariboo and Taku.....<br>Cariboo, B.C.       | B. Y. N. Co., Ltd., Vie-<br>toria, B.C.                            |
| Gleesol.....<br>130876 New Westminster,<br>B.C.  | 1913 Wood<br>41 Vancouver, B.C.   | Tug.  | Vancouver.<br>9-2-20   | A. F.  | 10-3-20<br>2-2-21  | Ser.<br>22-5                               | Vancouver and Straits<br>of Georgia          | Canadian Tow Boat Co.,<br>Vancouver, B.C.                          |
| Glenada.....<br>116768 Toronto, Ont.   | 1905 Wood.<br>44 Magnetawan, Ont.   | Pass.frt.<br>23                               | Barka Falls, Ont.<br>21-6-19                                 | G. M. A.<br>S. D. A.                               | 31-7-19<br>30-7-20   | Ser.<br>10-6                               | Magnetawan river.....<br>Magnetawan, Ont.    | A. A. Agar, Bark's Falls,<br>Ont.                                  |
| Glen Allan.....<br>130645 Ottawa, Ont.   | 1912 Composite.<br>112 Kingston, Ont.   | Frt.  | Hull, P.Q.<br>22-4-19  | J. E. L.   | 28-4-19<br>22-4-20   | Ser.<br>20-2                               | Montreal and Clacou-<br>annu.                | Ottawa Transportation Co.,<br>Ottawa, Ont.                         |
| Glenboro.....<br>130800 Vancouver, B.C.  | 1912 Wood<br>50 Vancouver, B.C.   | Tug.  | Vancouver, B.C.<br>23-2-20                                   | A. F.  | 18-3-20<br>1-2-21  | Ser.<br>13-5                               | Vancouver and Straits<br>of Georgia.         | Willbur and J. Speedy,<br>Vancouver, B.C.                          |
| Glethane (Ex Brazil)<br>138217 Midland.  | 1890 Steel<br>1,823 Buffalo, N.Y.   | Frt.  | Midland, Ont.<br>25-6-19                                     | G. M. A.<br>S. D. A.                               | 5-9-19<br>5-9-20   | Ser.<br>136                                | All lakes, bays and<br>rivers.               | The Great Lakes Trans-<br>portation Co., Ltd., Mid-<br>land, Ont.  |
| Glendann.....<br>138219 Midland.   | 1913 Steel<br>1,117 Wyandotte, Mich.  | Frt.  | Oswego, N.Y.<br>15-9-19                                      | G. M. A.   | 10-11-19<br>10-11-20   | Ser.<br>116                                | Canadian Ports and<br>Coasting.              | The Great Lakes Trans-<br>portation Co., Ltd., Mid-<br>land, Ont.  |
| Glencairn<br>(Ex Granville A. Richard-<br>son)<br>138216 Midland.  | 1893 Steel.<br>1,623 Buffalo, N.Y.  | Frt.  | Midland, Ont.<br>23-6-19                                     | G. M. A.<br>S. D. A.                               | 31-7-19<br>31-7-20   | Ser.<br>118                                | Great Lakes, bays and<br>rivers.             | The Great Lakes Trans-<br>portation Co., Ltd., Mid-<br>land, Ont.  |
| Gleucose.....<br>111142 St. Johns, Nfld.   | 1899 Steel<br>336 Point Howe, G.B.  | Frt. and<br>pass.<br>100                      | N. Sydney, N.S.<br>18-7-19                                   | D. J. M.<br>A. MeD.                                | 9-8-19<br>18-7-21  | Ser.<br>124                                | N. Sydney to Point au<br>Basque.             | Reid Newfoundland Co.,<br>Newfoundland.                            |
| Glen Erie.....<br>133796 Pt. Stanley.  | 1918 Wood<br>18 Port Stanley, Ont.  | Fishing<br>Boat.                              | Port Stanley, Ont.<br>19-9-19                                | J. B. S.   | 30-9-19<br>19-9-20   | Ser.<br>17                                 | Lake Erie.....<br>Lake Erie.                 | Howe Fish Co., Pt. Stanley,<br>Ont.                                |



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|--|----------------|--|--------------------------|---|----------------------|--------------------|-------------------|------------------------------------|---|
| Glen Finnan<br>126659                      | 2,406<br>1,472 | 1893 Steel<br>Cleveland, Ohio.               | Frt. and<br>pass.<br>6   | Midland, Ont<br>10-4-19<br>16-4-19          | G. M. A.<br>S. D. A. | 24-4-19<br>15-4-20 | Ser.<br>195-4     | Port Colborne and<br>Duluth.       | Great Lakes Trans. Co.,<br>Midland, Ont.                          |
| Glenholme<br>141252                        | 233<br>126     | 1919 Wood<br>Yarmouth, N.S.                  | Pass.<br>16              | Yarmouth, N.S.<br>19-6-19                   | C. E. D.<br>W. R. B. | 28-6-19<br>19-8-19 | Ser.<br>24        | St. John and Bay of<br>Fundy, Pts. | Jas. S. McCulloch, Annapolis,<br>N.S.                             |
| Genslay<br>138214                          | 4,578<br>3,403 | 1903 Steel<br>Detroit.                       | Frt. and<br>pass.        | Midland.<br>9-4-19<br>16-4-19               | G. M. A.<br>S. A. D. | 23-4-19<br>16-4-20 | Ser.<br>169       | Port Colborne and<br>Duluth.       | Great Lakes Trans. Co.,<br>Midland, Ont.                          |
| Glen Isle<br>107789                        | 142<br>86      | 1911 Wood<br>Ottawa, Ont.                    | Frt.<br>86               | Ottawa, Ont.<br>16-5-19                     | J. T. G.             | Not issued.        | Ser.<br>4-8       | Ottawa river.                      | Rideau Canal Supply Co.,<br>Ottawa, Ont.                          |
| Glenivet (ex Wawatam)<br>134261            | 1,860<br>1,089 | 1891 Steel<br>Cleveland, Ohio.               | Frt.                     | Midland, Ont<br>4-4-19<br>16-4-19           | G. M. A.<br>S. D. A. | 23-4-19<br>16-4-20 | Ser.<br>111-3     | All lakes and rivers               | Great Lakes Trans. Co.,<br>Midland, Ont.                          |
| Glen Lyon (ex Minnekabta)<br>126660        | 2,759<br>1,644 | 1883 Steel<br>West Bay City Mich.            | Frt. and<br>pass.<br>8   | Port Stanley, Ont.<br>25-3-19               | J. B. S.<br>W. J. V. | 5-5-19<br>28-4-20  | Ser.<br>144-6     | Lakes and rivers.                  | Great Lakes Trans. Co.,<br>Midland, Ont.                          |
| Glen Mount (ex Onega)<br>138235            | 2,111<br>1,217 | 1887 Composite<br>Wyandotte, Mich.           | Frt.                     | Port Arthur,<br>Collingwood, Ont.<br>7-4-19 | P. W. L.<br>S. D. A. | 7-4-19<br>7-4-20   | Ser.<br>132       | Lakes and rivers.                  | Montreal Transportation Co.,<br>Montreal, P.Q.                    |
| Glenorchy (ex A. E.<br>Stewart).<br>138213 | 4,062<br>2,960 | 1902 Steel<br>West Bay City, U.S.A.          | Frt. and<br>pass 7       | Midland.<br>3-4-19<br>15-4-19               | G. M. A.<br>S. D. A. | 28-4-19<br>15-4-19 | Ser.<br>146       | Port Colborne and<br>Duluth.       | Great Lakes Transportation<br>Co., Midland, Ont.                  |
| Glenosbee<br>134511                        | 5,667<br>3,788 | 1908 Steel<br>Cleveland, U.S.A.              | Frt.<br>8                | Midland, Ont.<br>4-4-19<br>15-4-19          | G. M. A.<br>S. D. A. | 23-4-19<br>15-4-20 | Ser.<br>180       | Port Colborne and<br>Duluth.       | Great Lakes Transportation<br>Co., Midland, Ont.                  |
| Glenstriven (ex America)<br>138218         | 2,152<br>1,585 | 1889 Steel<br>Buffalo, N.Y.                  | Frt.                     | Midland.<br>25-6-19<br>9-9-19               | G. M. A.<br>S. D. A. | 9-9-19<br>9-9-20   | Ser.<br>114       | All lakes and rivers               | The Great Lakes Trans-<br>portation Co., Ltd., Mid-<br>land, Ont. |
| Glide<br>169                               | 78<br>37       | 1882 Wood<br>Kingston, Ont.<br>1917 Rebuilt. | Tug.                     | Kingston, Ont.<br>9-9-19<br>13-5-19         | S. D. A.<br>T. P. T. | 13-5-19<br>13-5-20 | Ser.<br>32-7      | River St. Lawrence.                | Montreal Trans. Co., Mont-<br>real, P.Q.                          |
| Glide<br>85368                             | 169            | 1882 Wood<br>Rockwell, Ont.                  | Tug.                     | Calumet, Ont.<br>3-10-18                    | T. J. G.             | 3-10-19            | Ser.<br>4-8       | Rivers and canals.                 | Wm. Lawlor, Hawkesbury,<br>Ont.                                   |
| Glymspc.<br>126123                         | 9<br>126123    | 1908 Wood<br>Kingston, Ont.                  | Pass.<br>7               | Sparrow Lake<br>15-7-19<br>31-7-19          | G. M. A.<br>S. D. A. | 5-8-19<br>31-7-20  | Ser.<br>3 6       | Sparrow lake and Severn<br>river.  | F. & A. Stanton, Sparrow<br>Lake, Ont.                            |
| Goldfield<br>134252                        | 56<br>38       | 1912 Wood<br>Selkirk, Man.                   | Fishing<br>boat.         | Selkirk, Man.<br>15-5-19                    | J. T. M.             | 17-5-19<br>15-5-20 | Ser.<br>13        | Lake Winnipeg                      | Riverton Fish Co., Hnausa,<br>Man.                                |
| Gordon Brown<br>94716                      | 33<br>22       | 1901 Wood<br>Port Stanley.                   | Fishing<br>boat.         | Port Stanley<br>20-9-16                     | J. B. S.             | 30-9-19<br>20-9-20 | Ser.<br>13        | Lake Erie                          | Pr. Henry Jackson, Union,<br>Ont.                                 |
| Gordon S.<br>133742                        | 16<br>5        | 1913 Wood<br>Parry Sound, Ont.               | Tug.                     | Parry Sound, Ont.<br>19-7-19                | G. M. A.             | Not issued.        | Ser.<br>1 63      | Parry Sound and vicin-<br>ity.     | W. E. Bigwood, Toronto,<br>Ont.                                   |
| Governor<br>204311                         | 5,250<br>2,401 | 1907 Steel<br>Camden, N.J.                   | Frt. and<br>pass.<br>608 | Victoria, B.C.<br>9-1-20                    | B. M.<br>W. J. C.    | 9-1-20<br>12-12-20 | Tw. Ser.<br>479 7 | Ocean routes.                      | Pacific Coast S.S. Co., New<br>York, N.Y.                         |
| Governor Carleton<br>130631                | 581<br>395     | 1907 Wood<br>Saundestown, R.I.               | Ferry<br>494 pass.       | St. John, N.B.<br>26-5-19<br>27-5-19        | C. E. D.<br>W. R. B. | 9-6-19<br>26-5-20  | Ser.<br>52 8      | St. John and St John<br>West.      | City Corporation, St. John,<br>N.B.                               |
| Governor Dingley<br>90483                  | 3,826<br>2,856 | 1899 Steel<br>Chester, Pa.                   | Pass.<br>547             | St. John, N.B.<br>28-6-19                   | C. E. D.<br>W. R. B. | 28-6-19<br>3-6-20  | Ser.<br>254       | Coasting                           | Eastern S.S. Co., Boston,<br>Mass                                 |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'enregistrement. | Tonnage.     | Where and When Built—Material.<br>Année et lieu de construction—Nature de la coque. | Trade—No. of Pass.<br>Service—Nombre de pass.  | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate Issued—Expres.<br>Certificat: Délivrance—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. en H. P. | Route.                                | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|--------------|---|--|--|---|--|---|---------------------------------------|--|
| Grace 122144 Halifax.   | 24<br>16     | 1907 Wood<br>Tancook, N.S.  | Tug.   | N. Sydney,<br>25-8-19  | D. J. M.  | 15-7-19<br>25-8-20   | Ser. 6  | Sydney Harbour.                       | W. Nesbitt, N. Sydney.   |
| Grace M. 121703 Toronto, Ont.   | 61<br>27     | 1905 Wood<br>Gravenhurst, Ont.  | Tug.   | Gravenhurst, Ont.,<br>18-6-19                                | G. M. A.  | 2-10-19<br>10-8-20   | Ser. 10.6                                     | Muskoka Lakes                         | Mickle & Dymont, Gravenhurst, Ont.                                 |
| Grainer 121506 Victoria, B.C.   | 144          | 1909 Wood<br>Victoria, B.C.   | Frt.   | Victoria, B.C.,<br>14-10-19                                  | W. J. C.  | 17-10-19<br>13-10-20   | Ser. 18.8                                     | Victoria and Fraser Riv.              | Batler Freightling Co., Victoria, B.C.                             |
| Grand Mannan 130245 Liverpool, N.S.   | 363          | 1911 Wood<br>Liverpool, N.S.  | Pass. Frt.<br>118                              | Yarmouth, N.S.,<br>22-5-19                                   | C. E. D.<br>W. R. B.                                | 26-5-19<br>23-6-20   | Ser. 31.8                                     | St. John and Bay of Fundy.            | Grand Mannan S.S. Co., Grand Mannan, N.B.                          |
| Grand Rapids 112308 Winnipeg, Man.  | 439<br>299   | 1905 Wood<br>Selkirk, Man.<br>1913 Reluilt.<br>Selkirk, Man.                        | Frt.<br>Pass. 85                               | Selkirk, Man.,<br>7-5-19                                     | J. T. M.  | 19-5-19<br>19-5-20   | Ser. 23                                       | Selkirk and Warren's Landing.         | North West Nav. Co., Winnipeg, Man.                                |
| Granville 122587 Yarmouth, N.S.   | 140          | 1909 Wood<br>Selkirk, Man.  | Pass. 12                                       | Annapolis, N.S.,<br>4-4-19                                   | N. A. C.<br>A. McD.                                 | 10-4-19<br>4-4-20  | Ser. 24                                       | Annapolis and St. John, N.B.          | Valley Steamship Co., Granville Ferry, N.S.                        |
| Granville III 14255 Yarmouth.   | 125          | 1919<br>Digby, N.S.   | Pass. 7  | Annapolis,<br>8-12-19  | A. McD.   | 2-1-20<br>8-12-20  | Ser. 15.7                                     | Annapolis and St. John, N.S.          | Valley S.S. Co., Granville Ferry, N.S.                             |
| Gray 124395 Workington, G.B.  | 707<br>280   | 1909 Steel<br>Workington, G.B.  | Frt. and pass.<br>30                           | Victoria, B.C.,<br>5-6-19                                    | B. M.   | 9-6-19<br>4-6-20   | Ser. 85                                       | Victoria and Queen Charlotte Islands. | Canadian Northern Pacific Fisheries, Ltd., Toronto.                |
| Great Western 80576 Windsor, Ont.   | 1,080<br>662 | 1866 Iron<br>Walkerville, Ont.  | Car ferry<br>Pass. 287                         | Windsor, Ont.,<br>22-10-19<br>28-10-19                       | J. D.<br>W. E.                                      | 27-10-19<br>22-10-20   | Publ. 129                                     | Windsor and Detroit.                  | Grand Trunk Ry., Montreal, P.Q.                                    |
| Green 131339 Liverpool.   | 102<br>37    | 1910 Steel<br>Christiana, Norway.   | Fishing Boat.                                  | Victoria, B.C.,<br>10-4-19                                   | W. J. C.  | 17-4-19<br>19-4-20   | Ser. 43                                       | Coasting.                             | Victoria Whaling Co., Toronto, Ont.                                |
| Greenwood 107456 Vancouver, B.C.  | 23<br>16     | 1909<br>New Westminster.  | Tug.   | Vancouver, B.C.,<br>19-1-20                                  | H. G. R.<br>N. A. C.                                | 20-1-20<br>30-4-20   | Ser. 6  | Vancouver Harbour.                    | Henry Emeris, Vancouver, B.C.                                      |
| Grenville 134547 Ottawa, Ont.   | 497<br>252   | 1915 Steel<br>Toronto, Ont.   | Govt. Ser.<br>10                               | Midland, Ont.,<br>22-4-19<br>18-4-19                         | J. D.<br>S. D. A.                                   | 23-4-19<br>18-4-20   | Ser. 71.5                                     | Great Lakes.                          | The Minister of Marine and Fisheries, Ottawa, Ont.                 |
| Greyhound 88021 Detroit, Mich.  | 1,392<br>748 | 1902 Steel<br>Wyandotte, Mich.  | Pass. 459 L.<br>3000 Mily / 15<br>to Sept. 15. | Detroit, Mich.,<br>3-6-19                                    | J. D.   | 27-6-19<br>9-6-20  | Publ. 120                                     | Godrich and Toledo.                   | White Star Line, Detroit, Mich.                                    |
| Grisebank 130379 Peterboro, Ont.  | 14<br>10     | 1911 Wood<br>Hastings, Ont.   | Tug.   | Washago, Ont.,<br>7-8-19                                     | G. M. A.  | 21-3-20<br>31-7-20   | Ser. 3  | Atherly and Sparrow Lake Chutes.      | Randolph Macdonald Co., Ltd.                                       |

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|---|--|-------------------|---|----------------------|----------------------------|-----------------|----------------------------------|--|
| Guiana, 125003 Montreal, P.Q.                       | 3,6571 1907 Steel.<br>2,294 Sunderland, Eng.                                     | Pass. 152         | New York, N.Y.<br>11-11-19                                | C. E. D.<br>W. R. B. | 11-11-19<br>11-11-20       | Ser. 251        | Foreign going.                   | Canadian SS. Lines, Montreal, P.Q.   |
| Guide, 49882 Glasgow, G.B.                          | 156 1891 Steel.<br>82 Dumbarton, G.B.  | Frt. and Pass. 13 | Quebec, P.Q.<br>14-4-19<br>19-5-19                        | J. A. S.<br>P. D.    | 19-5-19<br>19-5-26         | Ser. 24.4       | Quebec and Harrington Harbour.   | Eliz. Bernier, Lauzon, P.Q.  |
| Gulnare, 97071 Ottawa, Ont.                         | 262 1893 Steel.<br>106 Glasgow, G.B.   | Govt. Ser. 13     | Halifax, N.S.<br>28-10-19                                 | D. J. M.             | Not issued.                | Ser. 50         | Coasting.                        | The Minister of Marine and Fisheries, Ottawa, Ont.                                     |
| Gwennith, 129159 Ottawa, Ont.                       | 119 1910 Steel.<br>116 Holland.  | Tug.              | Pt. Dalhousie, Ont.<br>20-11-19                           | J. B. S.             | 21-11-19<br>20-22-20       | Ser. 32         | New Weller Canal and Lakes.      | The Dominion Dredging Co. Ottawa, Ont.   |
| Gypsy, 112180 Toronto, Ont.                         | 11 1902 Composite.<br>8 Toronto, Ont.  | Yacht.            | Killarney.<br>22-7-19                                     | P. W. L.             | 31-7-19<br>32-7-20         | Ser. 3          | Collins Inlet and vicinity.      | Duprés Bros., Beaverstone, Ont.  |
| Gypsy, 117120 Vancouver, B.C.                       | 27 1905 Wood.<br>18 Vancouver, B.C.  | Tug.              | Vancouver, B.C.<br>2-1-19                                 | A. F.                | 29-1-19<br>1-1-20          | Ser. 5.6        | Rock Bay and Granite Point.      | B.C. Mills Tug and Barge Co., Vancouver, B.C.  |
| H. B. Phillips, 96557 Sarnia, Ont.                  | 66 1911 Wood.<br>31 Collingwood, Ont.  | Tug.              | Toronto, Ont.<br>18-7-19                                  | J. B. S.             | 29-7-19<br>18-7-20         | Ser. 13         | Chippewa River.                  | C. S. Boone, Toronto, Ont.   |
| H. F. Bronson, 141472 Montreal, P.Q.                | 199 1919 Composite.<br>35 Kingston, Ont.   | Tug.              | Kingston, Ont.<br>18-8-19                                 | T. P. T.             | 11-10-19<br>1-9-20         | Tw. Scr. 57     | Kingston and Lake Ontario.       | Montreal Transportation Co. Montreal, P.Q.   |
| H. N. Jex, 137982 Kingston, Ont.                    | 441 1868 Wood.<br>231 Cleveland, U.S.A.<br>1917 Rebuilt.<br>Kingston, Ont.       | Frt.              | Kingston, Ont.<br>8-4-19<br>12-4-19                       | T. P. T.<br>M. R. D. | 12-4-19<br>8-4-20          | Ser. 38.9       | Kingston and Lake Ontario.       | Jno. Sowards, Kingston, Ont.   |
| H. P. Bigelow, 96269 Ogdensburg, N.Y.               | 46 1893 Wood.<br>37 Baldwinsville, N.Y.<br>1912 Rebuilt.<br>Alexandria Bay, N.Y. | Pass. 70          | Brockville, Ont.<br>12-7-19<br>7-7-19                     | T. P. T.<br>M. R. D. | 14-7-19<br>25-6-20         | Ser. 8.4        | Morristown and Brockville Ferry. | Brockville and Morristown Transp. Co., Morristown, U.S.A.                              |
| H. W. Beauclerk, H. Fors., 138003 Port Arthur, Ont. | 38 1915 Wood.<br>21 Rossport, Ont.   | Tug. Fishing tug. | Lambton, P.Q.<br>11-7-19<br>Port Burwell, Ont.<br>25-9-19 | J. A. S.<br>J. B. S. | Not issued.<br>Not issued. | Ser. 1<br>8.4   | Lake St. Francis.<br>Lake Erie.  | The Brompton Pulp & Paper Co., East Angus, P.Q.<br>Misford, Tedford and Williams, Ont. |
| Hfa Ha., 131017 Quebec, P.Q.                        | 32 1913 Wood.<br>28 St. Alphonse, P.Q.   | Tug.              | St. Alphonse, P.Q.<br>19-6-19                             | J. A. S.             | Not issued.                | Ser. 16.6       | Saguenay River.                  | Jos. Pagé, Chicoutimi, P.Q.  |
| Haddington, 110764 Toronto, Ont.                    | 1,603 1904 Steel.<br>1,010 Toronto, Ont.   | Frt.              | Kingston, Ont.<br>17-4-19<br>22-4-19                      | T. P. T.<br>M. R. D. | 25-4-19<br>17-4-20         | Ser. 87         | Father Point and Fort William.   | Matthews SS. Co., Toronto, Ont.  |
| Halifax, 129590 Halifax, N.S.                       | 595 1911 Steel.<br>268 Old Kilpatrick, G.B.                                      | Ferry. 470        | Dartmouth, N.S.<br>15-5-19<br>5-5-19                      | D. J. M.<br>A. M. D. | 15-5-19<br>15-5-20         | Tw. Scr. 48     | Halifax and Dartmouth.           | Dartmouth Ferry Com., Dartmouth, N.S.  |
| Hall, 96715 Ottawa, Ont.                            | 247 1889 Composite.<br>130 Montreal, P.Q.<br>1902 Rebuilt.<br>Ottawa, Ont.       | Frt. Pass. 12     | Hull, P.Q.<br>22-4-19<br>22-4-19                          | J. E. L.<br>P. D.    | 28-4-19<br>22-4-20         | Ser. 7.5        | Ottawa and Montreal.             | Ottawa Transportation Co., Ottawa, Ont.  |
| Hampton, 121837 St. John, N.B.                      | 183 1906 Wood.<br>115 St. John, N.B.   | Pass. 107         | St. John, N.B.<br>19-4-19<br>22-4-19                      | C. E. D.<br>W. R. B. | 23-4-19<br>19-4-20         | Stn. whil. 34.5 | St. John River.                  | P. B. Belyea, St. John, N.B.   |
| Hamonic, 122553 Collingwood, Ont.                   | 5,265 1909 Steel.<br>3,295 Collingwood, Ont.                                     | Pass. 500         | Sarnia, Ont.<br>11-4-19<br>29-4-19                        | J. D.<br>W. E.       | 9-5-19<br>29-4-20          | Ser. 363.5      | Duluth and Port Colborne.        | Canada SS. Lines, Ltd., Montreal, P.Q.   |

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TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'enregistrement. | Tonnage.       | Where and When Built—Material.<br>Année et lieu de construction—Matériau de la coque. | Tonnage—No. of Pass.<br>Services—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate Issued—Expire.<br>Certificat: Déchéance—Expiration. | Propulsion—N. H. P.<br>N. en H. P. | Route.                                       | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|----------------|---|--|--|---|---|------------------------------------|--|--|
| Harbinger<br>107348 Amherst, N.S.   | 110            | 1901 Wood<br>46 Shelburne, N.S.   | Frt. and<br>pass. 10                             | St. John, N.B.<br>31-3-20<br>16 6 10                         | G. E. D.<br>W. R. B.                                | 17-9-20<br>31-3-21  | Ser 16-7                           | Casting                                      | Maritime S.S. Co., Blacks<br>Harbour, N.B.                         |
| Harland<br>125580 Yarmouth, N.S.  | 352<br>217     | 1908 Wood<br>217 Shelburne, N.S.  | Frt. pass.<br>100                                | Pictou, N.S.<br>21-4-19<br>8-5-19                            | N. A. C.<br>A. McD.                                 | 9-5-19<br>21-4-20   | Tw. ser.<br>33-3                   | Pictou and Montagu<br>N.S.                   | William McClure, Pictou,<br>N.S.                                   |
| Haro<br>130304 Vancouver, B.C.  | 233            | 1908 Wood<br>159 Vancouver, B.C.  | Tug  | Vancouver, B.C.<br>13-12-19                                  | H. G. R.  | 15-12-19<br>14-10-20  | Ser 30-1                           | Vancouver and Straits of<br>Georgia.         | B. C. M. T. & K. B. Co., Ltd.,<br>Vancouver, B.C.                  |
| Harold Dollar<br>129531 Vancouver, B.C.   | 4,377<br>2,823 | 1910 Steel<br>Dunbarton, G.B.   | Frt. pass.<br>5                                  | Vancouver, B.C.<br>29 10 19                                  | A. F.   | 30 10 19<br>28-8-20   | Ser 231                            | Vancouver and foreign<br>ports.              | Dollar Steamship Lines Ltd.<br>Vancouver, B.C.                     |
| Harrison<br>126053 Owen Sound, Ont.   | 221<br>152     | 1909 Wood<br>152 Owen Sound, Ont.   | Pass. and tug<br>15                              | Owen Sound, Ont.<br>11 1 19<br>22-4-19                       | P. W. L.<br>S. D. A.                                | 25-4-19<br>10 4 20  | Ser 46-4                           | Lakes and river                              | Jas. Harrison and Sons,<br>Owen Sound, Ont.                        |
| Harry A<br>134268 Midland, Ont.   | 11<br>7        | 1914 Wood<br>7 Midland, Ont.  | Tug  | Midland, Ont.<br>11 10 19                                    | G. M. A.  | 18 10 19<br>30 9 20   | Ser 2-1                            | Midland and Pt. aux<br>Barils                | J. M. Syer, Midland, Ont.  |
| Harwood<br>130372 Peterboro, Ont.   | 23<br>15       | 1909 Wood<br>15 Peterboro, Ont.   | Tug  | Landsay, Ont.<br>20-8-19                                     | T. P. T.  | 15 9 19<br>10 8 20  | Ser 1-2                            | Trent Canal                                  | Railways and Canals Dept.,<br>Ottawa, Ont.                         |
| Indie Berry<br>121955 Port Stanley, Ont.  | 42<br>29       | 1908 Wood<br>29 Collingwood, Ont.   | Fishing tug                                      | Port Stanley, Ont.<br>17 9 19                                | J. B. S.  | 30 9 19<br>17 9 20  | Ser 10-6                           | Lake Erie                                    | Wm. Berry, Port Stanley,<br>Ont.                                   |
| Harvey<br>116484 Wallaceburg.   | 6<br>4         | 1904 Wood<br>4 Wilkesport, Ont.   | Tug  | Moon Falls, Ont.<br>21 7 19                                  | G. M. A.  | 30 7 19<br>21 7 20  | Ser 4                              | Pondag, Parry Sound,<br>Inside Channel only. | Dennis Sweet, Moon Falls,<br>Ont.                                  |
| Hazel Ruth<br>134265 Charlottetown,<br>P.E.I.   | 16<br>11       | 1915 Wood<br>11 Bonshaw, P.E.I.   | Frt. and<br>pass.                                | Charlottetown, P.E.I.<br>10-9-19<br>10-9-19                  | G. E. D.<br>W. R. B.                                | Not issued.   | Ser 1                              | Charlottetown to Bon-<br>shaw.               | Wm. McKee, Bonshaw,<br>P.E.I.                                      |
| Hazlett   |                | Wood  |  | LaReine  | J. E. D.  | Not issued.   | 2                                  |  | Abitibi Power and Paper<br>Co.                                     |
| Hebron<br>107613 Montreal, P.Q.   | 194<br>125     | 1899 Wood<br>125 Ottawa, Ont.<br>1910 Rebuilt,<br>Montreal, P.Q.                      | Frt. and<br>pass. 40                             | Lachine, P.Q.<br>10-4-19<br>4-6-19                           | J. T. G.<br>P. D.                                   | 6 6 19<br>10 4 20   | Ser 7-5                            | Lachine and Caughna-<br>waga.                | Montreal and Soudages Nav-<br>Co., Lachine, P.Q.                   |
| Helen Glasier<br>112228 St. John, N.B.  | 17<br>11       | 1917 Wood<br>11 St. John, N.B.  | Tug  | St. John, N.B.<br>8-4-19                                     | C. E. D.  | 9-4-19<br>8-4-19  | Ser 6                              | Cape Spencer and Mus-<br>quash Head.         | St. John River Log Driving<br>Co., Devon, N.B.                     |
| Helen R.<br>134543 Ottawa, Ont.   | 11<br>7        | 1915 Wood<br>7 North Bay, Ont.  | Yacht  | North Bay, Ont.<br>13-6-19                                   | J. T. G.  | 4-7-19<br>13 6 20   | Ser 1                              | Lake Nipissing                               | Thos. Reynolds, North Bay,<br>Ont.                                 |
| Helen S.<br>107695 Toronto, Ont.  | 86<br>58       | 1899 Composite<br>58 Collins Inlet, Ont.  | Tug  | Midland, Ont.<br>28-4-19                                     | G. M. A.  | Not issued.   | Ser 17-3                           | Georgian Bay                                 | Collins Inlet Lumber Co.,<br>Toronto, Ont.                         |

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|   |   |  |                          |                     |                         |  |
|---|---|--|--------------------------|---------------------|-------------------------|--|
| Helena.....<br>(Cancelled).                         | 10 1905 Wood<br>7 Kingston, Ont.              | Yacht.....<br>Beaumaris, Ont.<br>19-8-19                     | G. M. A.....             | 3-9-19<br>19-8-20   | Ser.....<br>4-93        | Muskoka Lakes.....<br>Mrs. S. Willock, Beaumaris,<br>Ont.  |
| Helena.....<br>133758 St. John, N.B.                | 299 1907 Steel<br>204 Collingwood, Ont.       | Tug.....<br>St. John, N.B.<br>4-6-19                         | C. E. D.....             | 10-6-19<br>4-6-20   | Ser.....<br>83          | Coasting.....<br>The Minister of Public<br>Works, Ottawa, Ont.   |
| Henry B. Hall.....<br>138094 Montreal, P.Q.         | 1 1881 Wood<br>618 1906 Detroit, Mich.        | Frt.....<br>Montreal, P.Q.<br>1-4-19<br>15-4-19              | J. E. L.<br>P. D.....    | 19-4-19<br>1-4-20   | Ser.....<br>95-2        | Quebec and Lake Erie.....<br>Fairhaven Transp. and Coal<br>Co., Montreal, P.Q.                         |
| Henry F. Jelly.....<br>133793 Port Stanley, Ont.    | 31 1915 Wood<br>21 Port Stanley, Ont.         | Fishing tug.....<br>Port Stanley, Ont.<br>20-9-19            | J. B. S.....             | 1-10-19<br>20-9-20  | Ser.....<br>9-4         | Lake Erie.....<br>N. S. Cornell, Port Stanley,<br>Ont.   |
| Henry Pedwell.....<br>126658 Owen Sound, Ont.       | 186 1909 Wood<br>156 1916 Lions Head,<br>Ont. | Pass.....<br>tug 5<br>Owen Sound, Ont.<br>10-4-19<br>21-4-19 | P. W. L.<br>S. D. A..... | 25-4-19<br>10-4-20  | Ser.....<br>19-9        | Owen Sound and Providence Bay.....<br>John Taekaberry, Lions<br>Head, Ont.                             |
| Hepburn.....<br>111921 Toronto, Ont.                | 15 1901 Wood<br>10 Racine, Wis.               | Yacht.....<br>Beaumaris, Ont.<br>20-8-19                     | G. M. A.....             | 3-9-19<br>20-8-20   | Ser.....<br>3-5         | Muskoka Lakes.....<br>John Walker, Beaumaris,<br>Ont.  |
| Herbert Green.....<br>141574 Weymouth, N.S.         | 283 1919 Wood<br>205 Gilberts Cove, N.S.      | Frt.....<br>Gilberts Cove, N.S.<br>6-1-20                    | A. McD.....              | 30-1-20<br>6-1-21   | Ser.....<br>Not issued. | Weymouth and Coasting.....<br>B. N. Melanson, Gilberts<br>Cove, N.S.                                   |
| Herbert M.....<br>126251 Toronto, Ont.              | 44 1908 Wood<br>27 Hollow Lake, Ont.          | Tug.....<br>Hollow Lake<br>28-8-19                           | G. M. A.....             | Not issued.         | Ser.....<br>6           | Hollow Lake.....<br>Chas. Mickle, Gravenhurst,<br>Ont.   |
| Hercules.....<br>116607 Montreal, P.Q.              | 45 1904 Wood<br>28 Sorel, P.Q.                | Tug.....<br>Montreal, P.Q.<br>10-7-19                        | J. T. G.....             | Not issued.         | Ser.....<br>16-6        | Montreal, Oka and Cedars.....<br>Canadian Sand and Gravel<br>Co., Montreal, P.Q.                       |
| Herman Witt.....<br>117448 Ottawa, Ont.             | 21 1901 Wood<br>13 Pembroke, Ont.             | Tug.....<br>Pembroke, Ont.<br>21-5-19                        | J. E. L.....             | 27-5-19<br>21-5-20  | Pld.....<br>2-7         | Fort William Boom.....<br>Upper Ottawa Improvement<br>Co., Ottawa, Ont.                                |
| Hero No. 1.....<br>133861 New Westminster,<br>B.C.  | 17 1903 Wood<br>11 Duluth, Minn.              | Tug.....<br>Port Frances, Ont.<br>20-5-19                    | W. J. V.....             | 27-5-19<br>20-5-20  | Ser.....<br>3-3         | Rainy River and Lake.....<br>W. Martin, Port Frances,<br>Ont.  |
| Hiawatha.....<br>72982 Sarnia, Ont.                 | 31 1902 Wood<br>21 Ballard, Wash.             | Tug.....<br>Ocean Falls, B.C.<br>26-9-19                     | B. M.....                | 27-1-20<br>26-9-20  | Ser.....<br>13-2        | Cousins Inlet.....<br>Pacific Mills Ltd., Vancou-<br>ver, B.C.   |
| Hiawatha.....<br>106768 Toronto, Ont.               | 163 1874 Wood<br>110 Dresden, Ont.            | Pass.....<br>300<br>Port Huron, Mich.<br>7-6-19              | J. D.....                | 28-6-19<br>7-6-20   | Ser.....<br>14          | Ankerstburg and Port<br>Huron.....<br>Sarnia Tug and Transit Co.,<br>Sarnia, Ont.                      |
| Hiawatha.....<br>103801 Pictou, N.S.                | 46 1885 Steel<br>31 Toronto, Ont.             | Yacht.....<br>Toronto, Ont.<br>6-5-19                        | G. M. A.....             | Not issued.         | Ser.....<br>8-1         | Toronto Bay.....<br>Royal Canadian Yacht Club<br>Toronto, Ont.   |
| Hilda.....<br>116783 Vancouver, B.C.                | 49 1904 Wood<br>34 Pictou, N.S.               | Pass Ferry.....<br>40<br>Pictou, N.S.<br>21-4-19<br>8-5-19   | N. A. C.<br>A. McD.....  | 9-5-19<br>21-4-20   | Ser.....<br>8-2         | Pictou and Pictou Land-<br>ing.....<br>T. R. Powell, Pictou, N.S.                                      |
| Hillsborough.....<br>97079 Charlottetown,<br>P.E.I. | 33 1904 Wood<br>22 Vancouver, B.C.            | Tug.....<br>Vancouver, B.C.<br>8-10-19                       | A. F.....                | 12-11-19<br>7-10-20 | Ser.....<br>8-2         | Vancouver and Straits<br>of Georgia and John-<br>ston.....<br>Champion and White, Van-<br>couver, B.C. |
| Hilma.....<br>130252 Windsor, N.S.                  | 229 1894 Wood<br>66 Mt. Stewart, P.E.I.       | Pass Ferry.....<br>275<br>Charlottetown, P.E.I.<br>10-9-19   | C. E. D.<br>W. R. B..... | 15-9-19<br>31-1-20  | Pld.....<br>30 4        | Charlottetown to Rocky<br>Point.....<br>Provincial Govt., Charlote-<br>town, P.E.I.                    |
| Hiogo.....<br>134165 Yarmouth, N.S.                 | 31 1913 Wood<br>21 Hantsport, N.S.            | Tug.....<br>Hantsport, N.S.<br>1-8-19                        | N. A. C.....             | 9-8-19<br>1-8-20    | Ser.....<br>13 5        | Avon River to Cape<br>N.S.....<br>W. H. McKinley, Hantsport,<br>N.S.                                   |
| Imperial Oil Co., Halifax,<br>N.S.                  | 15 1915 Wood<br>13 Comestville, N.S.          | Pass Ferry.....<br>78<br>Halifax, N.S.<br>15-1-20<br>9-1-20  | D. J. M.<br>A. McD.....  | 15-1-20<br>9-1-21   | Ser.....<br>2 6         | Halifax Harbour.....<br>Imperial Oil Co., Halifax,<br>N.S.   |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official<br>No.—Port of Registry.<br><br>Tous les navires—<br>Numéros officiels—Ports<br>d'enregistrement. | Tonnage.       | Where and When<br>Built—Material.<br>Année et lieu<br>de construction—<br>Matériau de<br>la coque. | Trade—No.<br>of Pass.<br>Service—<br>Nombre<br>de pass. | Port and Date<br>of Inspection.<br>Ports et dates<br>d'inspection. | Inspectors'<br>Initials.<br>Initiales<br>des<br>inspecteurs | Certificate<br>Issued—<br>Expires.<br>Certificat<br>Délivré—<br>Expiration. | Propulsion—<br>N. H. P.<br>Propulsion—<br>N. en H. P. | Route.   | Name and Address<br>of Owners.<br>Noms et adresses<br>des propriétaires. |
|---|----------------|--|---|--|---|---|---|--|--|
| Hiram Robinson<br>126580 Ottawa, Ont.   | 203<br>118     | 1910 Steel<br>Sand Point, Ont.   | Tug.  | Amrior, Ont.<br>20-5-19  | J. E. L.  | 27-5-19<br>20-5-20  | Ser. 37.5   | Chat Lake.....                                 | Upper Ottawa Improvement<br>Co., Ottawa, Ont.                            |
| Hochelaga<br>132818 Montreal, P. Q.   | 4,681<br>2,901 | 1912 Steel<br>Middleborough, G. B.   | Frt.  | Halifax, N.S.<br>12-4-19<br>7-4-20                                 | N. A. C.<br>A. MeD.   | 12-4-19<br>12-4-20  | Ser. 267  | Canadian and foreign<br>ports.                 | Hochelaga S. S. Co., Sydney,<br>N.S.                                     |
| Home Smith (W. S. Mack)<br>138212 Midland, Ont.   | 3,495<br>2,520 | 1901 Steel<br>Lorain, Ohio.  | Frt.  | Goderich, Ont.<br>9-4-19   | J. D.<br>S. D. A.   | 28-1-19<br>8-4-20   | Ser. 152  | Lakes and rivers.....                          | Algoma Central Ry. Co.,<br>Sault Ste. Marie, Ont.                        |
| Homer Warren<br>130222 Owen Sound, Ont.   | 447<br>304     | 1882 Wood<br>Chesapeake, Ohio.   | Frt.  | Toronto, Ont.<br>27-4-19<br>15-8-19<br>25-9-19                     | J. B. S.<br>W. E.   | 26-9-19<br>25-9-20  | Ser. 73.5   | Sault Ste. Marie and<br>Quebec.                | Milne & Sons <i>et al.</i> , Toronto,<br>Ont.                            |
| Hong Kong<br>106897 New Westminster,<br>B. C.   | 36<br>25       | 1867 Wood<br>New Westminster,<br>B. C.   | Tug.  | Port Alberni, B. C.<br>27-6-19                                     | W. J. C.  | 30-6-19<br>25-6-20  | Ser. 9.1  | Alberni and Banfield.....                      | Farman and Plummer, Van-<br>couver, B. C.                                |
| Hope<br>88368 Victoria, B. C.   | 78<br>48       | 1882 Wood<br>Seattle, U. S. A.   | Tug.  | Victoria, B. C.<br>5-1-20  | W. J. C.  | 9-1-20<br>4-1-21  | Ser. 23.4   | Coasting.....                                  | Vancouver Island Towing<br>Co., Victoria, B. C.                          |
| Hope<br>103144 Quebec, P. Q.  | 22<br>16       | 1913 Rebuilt.  | Tug.  | Quebec, P. Q.<br>2-10-19   | J. A. C.  | 2-10-19<br>2-12-19  | Ser. 4.8  | Quebec Harbour.....                            | John S. Thom, Quebec, P. Q.  |
| Hopkins<br>130294 Vancouver, B. C.  | 42             | Vancouver, B. C.   | Tug.  | Vancouver,<br>10-11-19   | A. F.   | 25-2-20<br>9-11-20  | Ser. 14.1   | Vancouver, Straits of<br>Georgia and Johnston. | G. S. Hopkins <i>et al.</i> , Van-<br>couver, B. C.                      |
| Hosmer<br>125531 Vancouver, B. C.   | 154<br>105     | 1909 Wood<br>Nelson, B. C.   | Tug and<br>Pass.  | Proctor, B. C.<br>27-5-19<br>26-5-19                               | W. J. C.<br>W. J. C.  | 27-5-19<br>26-5-20  | Ser. 36.5   | Nelson and Kootenay<br>Landing.                | Can. Pacific Ry., Montreal,<br>P. Q.                                     |
| Howard W.<br>138321 Montreal, P. Q.   | 1,517<br>924   | 1891 Wood<br>Green Bay, Mich.  | Frt.  | Montreal, P. Q.<br>23-4-19<br>14-4-19                              | J. E. L.<br>P. D.   | 23-4-19<br>14-4-20  | Ser. 96   | Erie and St. Lawrence<br>River.                | Howard W. Ltd., Quebec,<br>P. Q.   |
| Hudson<br>100181 Montreal, P. Q.  | 158<br>81      | 1891 Composite<br>Sorel, P. Q.   | Tug.  | Sorel, P. Q.<br>22-4-19  | P. N. H.  | 28-4-19<br>22-4-20  | Pd. 74.7  | Montreal and Quebec<br>and Richelieu River.    | Sinclair-McNaughton Line,<br>Montreal, P. Q.                             |
| Huron<br>71216 Sarnia, Ont.   | 1,052<br>888   | 1875 Iron<br>Pt. Edward.   | Car Ferry.  | Windsor, Ont.<br>22-10-19<br>31-10-19                              | J. D.<br>W. E.  | 27-10-19<br>22-10-20  | Tw. ser. 60.8   | Windsor and Detroit.....                       | G. T. Railway, Montreal,<br>P. Q.  |
| Huronis<br>107168 Collingwood, Ont.   | 3,330<br>2,211 | 1902 Steel<br>Collingwood, Ont.  | Pass.   | Sarnia, Ont.<br>11-4-19<br>24-4-19                                 | J. D.<br>D. J. M.   | 9-5-19<br>24-4-20   | Ser. 245  | Duluth and Port Co-<br>borne.                  | Canada S. S. Lines, Ltd.,<br>Montreal, P. Q.                             |
| Hyrcia<br>100400 Sydney, N. S.  | 58<br>39       | 1886 Wood<br>Levis, P. Q.  | Pass.   | Sydney, N. S.<br>10-4-19<br>6-5-19                                 | D. J. M.<br>A. MeD.   | 12-5-19<br>16-4-20  | Ser. 22.6   | Sydney and N. Sydney.                          | Cape Breton Electric Co.,<br>Sydney, N. S.                               |

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|                                      |  |                          |  |                      |                                       |                   |   |   |
|--------------------------------------|--|--------------------------|--|----------------------|---------------------------------------|-------------------|---|---|
| Ingersoll<br>11761 Kingston, Ont.    | 7 1901 Wood<br>Kingston, Ont.                                      | Yacht                    | Port Carling, Ont.<br>23-8-19                      | G. M. A.             | 3-9-19<br>23-8-20                     | Ser. 5            | Muskoka Lakes                               | Geo. V. Forman, Buffalo,<br>N.Y.                    |
| Ida Lee<br>103884 Yarmouth, N.S.     | 44 1896 Wood<br>30 Shelburne, N.S.                                 | Tug                      | Sydney N.S.<br>24-6-19                             | D. J. M.             | 21-7-19<br>24-6-20                    | Ser. 11           | Sydney Harbour                              | Fraser Bros., Sydney, N.S.                          |
| Idell<br>100135 Winnipeg, Man.       | 54 1893 Wood<br>37 Selkirk, Man.<br>1913 Rebuilt,<br>Selkirk, Man. | Fishing tug              | Selkirk, Man.<br>9-5-19                            | J. T. M.             | 9-5-19<br>9-5-20                      | Ser. 16.7         | Lake Winnipeg                               | North West Nav. Co., Win-<br>nipeg, Man.            |
| Imbriearia<br>39710 Vancouver, B.C.  | 150 1893 Wood<br>65 Beverley                                       | Fishing boat             | Vancouver, B.C.<br>3-12-19                         | H. G. R.             | 17-1-20<br>15-1-21                    | Ser. 45           | Vancouver and Coast-<br>wise.               | Can. Fishing Co., Ltd.,<br>Vancouver, B.C.          |
| Imp<br>122199 Vancouver, B.C.        | 34 1908 Wood<br>New Westminster                                    | Tug                      | Vancouver, B.C.<br>11-10-19                        | H. G. R.             | 13-10-19<br>8-9-20                    | Ser. 12.9         | Vancouver and Straits<br>of Georgia.        | J. D. McNeill, Vancouver,<br>B.C.                   |
| Imperial<br>121945 Sorel, P.Q.       | 1,099 1906 Steel<br>578 Sorel, P.Q.                                | Pass.<br>590             | Montreal, P.Q.<br>19-5-19<br>13-6-19               | J. T. G.<br>P. D.    | 27-6-19<br>19-5-19                    | PdL 38.5          | Montreal and Three Riv-<br>ers.             | A. Desmarteau, Montreal,<br>P.Q.                    |
| Imperial<br>132369 Sarnia, Ont.      | 2,253 1913 Steel<br>1,384 Grangemouth, G.B.                        | Frt.                     | New York, N.Y.<br>7-5-19                           | C. E. D.<br>W. R. B. | 9-5-19<br>7-5-20                      | Ser. 158          | Foreign going.                              | Imperial Oil Co., Ltd., Sar-<br>nia, Ont.           |
| Impero<br>132338 Sarnia, Ont.        | 2,257 1913 Steel<br>1,383 Grangemouth, G.B.                        | Frt.                     | Sarnia, Ont.<br>7-6-19<br>New York, N.Y.<br>4-2-20 | J. D.<br>W. R. B.    | 28-6-19<br>7-6-20<br>7-6-20<br>2-6-19 | Ser. 158          | Great Lakes, Canadian<br>and Foreign ports. | Imperial Oil Co., Ltd., Sar-<br>nia, Ont.           |
| Ima<br>111577 Toronto, Ont.          | 14 1901 Composite<br>10 Toronto, Ont.                              | Frt.<br>Supply boat      | Port Carling, Ont.<br>26-5-19                      | G. M. A.             | 28-6-19<br>7-6-20<br>4-6-20           | Ser. 2.6          | Muskoka lakes                               | R. R. Lazzaro, Bracebridge,<br>Ont.                 |
| Ima<br>116739 Parry Sound, Ont.      | 27 1904 Wood<br>18 Parry Sound, Ont.                               | Tug                      | Parry Sound, Ont.<br>17-7-21                       | G. M. A.             | 29-7-19<br>17-7-20                    | Ser. 6            | Parry Sound and Pene-<br>tang.              | Galbra and Dantier, Parry<br>Sound, Ont.            |
| India<br>107735 Montreal, P.Q.       | 876 1899 Wood<br>573 Garden Island                                 | Frt.                     | Kingston, Ont.<br>3-4-19                           | T. P. T.<br>M. R. D. | 25-4-19<br>3-4-20                     | Ser. 118          | Fort William and Father<br>Pt.              | Montreal Trans. Co., Mont-<br>real, P.Q.            |
| Indianapolis<br>200920 Pt. Townsend. | 765 1904 Steel<br>520 Toledo, Ohio                                 | Frt. and<br>pass.<br>318 | Victoria, B.C.<br>9-6-17                           | B. M.                | 9-6-19<br>20-12-17                    | Ser. 124          | Victoria and Seattle.                       | Puget Sound Nav. Co.,<br>Seattle, Wash.             |
| International<br>96849 Sarnia, Ont.  | 851 1872 Iron<br>Ft. Erie, Ont.                                    | Car ferry                | Sarnia, Ont.<br>2-10-19<br>11-11-20                | J. D.<br>W. E.       | 27-10-19<br>1-10-20                   | Tw. ser.<br>60    | Port Huron and Sarnia.                      | J. H. Walker, Walkerville<br>Ont.                   |
| Inverness<br>107323 Halifax, N.S.    | 67 1895 Wood<br>46 West, Mystic, U.S.A.                            | Frt.                     | Sydney, N.S.<br>15-4-19                            | D. J. M.             | No issued                             | Ser. 18           | Coasting                                    | W. McDonald, Sydney,<br>N.S.                        |
| Iocotide<br>134514 Sarnia, Ont.      | 2,060 1916 Steel<br>1,349 Collingwood, Ont.                        | Frt.                     | Collingwood, Ont.<br>20-3-19<br>3-4-19             | P. W. L.<br>S. D. A. | 3-4-19<br>3-4-20                      | Ser. 95.6         | Great Lakes and coast-<br>ing.              | Imperial Oil Co., Toronto,<br>Ont.                  |
| Ionio<br>116954 Sarnia, Ont.         | 1,708 1872 Iron<br>Buffalo, N.Y.                                   | Frt.                     | Toronto, Ont.<br>9-4-19                            | J. D.                | 9-5-19<br>14-4-20                     | Tw. Ser.<br>125.9 | Father Point & Duluth.                      | Northern Nav. Co., Colling-<br>wood, Ont.           |
| Iperia<br>110534 Montreal, P.Q.      | 3,223 1899 Steel<br>2,147 Sunderland, G.B.                         | Frt.                     | New York, N.Y.<br>29-7-19                          | C. E. D.             | 25-9-19<br>25-9-20                    | Ser. 209          | Canadian and foreign<br>ports.              | Iperia Shipping Corporation<br>Ltd., Montreal, P.Q. |
| Irene<br>103932 Chatham, N.B.        | 10 1897 Wood<br>7 Ft. Hawkesbury                                   | Tug                      | Newcastle, N.E.<br>6-8-19                          | C. E. D.             | 11-8-19<br>6-8-20                     | Ser. 6            | Miramichi river.                            | Jas. Robinson, Derby, N.B.                          |
| Irene<br>116401 Victoria, B.C.       | 29 1903 Wood<br>20 Nakusp, B.C.                                    | Tug                      | Arrowhead, B.C.<br>20-5-19                         | W. J. C.             | 17-9-19<br>18-5-20                    | Ser. 12.8         | Arrow lakes.                                | Gibbons Lumber Co., Plugs-<br>ton Creek, B.C.       |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Nombres officiels—Ports d'enregistrement. | Tonnage.        | Where and When Built—Material.<br>Année et lieu de construction—Nature du matériau. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate Issued—Expires.<br>Certificat: Délivrance—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. en H. P. | Route.  | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|-----------------|---|---|--|---|---|---|---|--|
| Iris<br>107640 New Westminster  | 38              | 1899 Wood.<br>B.C.  | Tug.<br>250                                   | New Westminster, B.C.<br>16-6-18                             | A. F.   | 17-0-29<br>1-6-20   | Ser<br>8-7                                    | Fraser river.<br>New Westminster, B.C.  | Brumette Saw Mill Co., Ltd.<br>New Westminster, B.C.               |
| Iroquois<br>116850 Owen Sound, Ont.   | 307             | 1907 Composite.<br>Portage Lake of Bays<br>Ont.                                     | Pass.<br>150                                  | South Portage, Ont.<br>18-6-19                               | G. M. A.  | 30-6-19<br>30-6-19  | Ser<br>28-1                                   | Lake of Bays<br>Huntsville, Ont.  | Lake of Bays and G. S. Nav.<br>Co., Huntsville, Ont.               |
| Isaac<br>117002 New Westminster,<br>B.C.  | 14              | 1904 Wood<br>Port Guelph, B.C.  | Tug.<br>9                                     | New Westminster,<br>29-7-19                                  | A. F.   | 28-6-20<br>19-8-19<br>28-8-20                                     | Ser<br>5-6                                    | Vancouver Harbour.<br>Vancouver, B.C.   | B. C. Marine Ltd., Van-<br>couver, B.C.                            |
| Island Belle<br>Alexandria Bay, N.Y.  | 236             | 1879 Wood.<br>Alexandria Bay.<br>1915 Rebuilt.                                      | Pass.<br>250                                  | Kingston, Ont.<br>6-7-19                                     | T. P. T.<br>M. R. D.                                | 24-7-9<br>11-6-20   | Ser<br>25-6                                   | Cape Vincent & Massena<br>N.Y.  | Holmes Bros., Redwood,<br>N.Y.                                     |
| Island Princess<br>138784 Victoria, B.C.  | 339<br>203      | 1913 Wood.<br>Tacoma, Wash.   | Prt. and<br>pass.<br>C III 116<br>C II 35     | Victoria, B.C.<br>26-4-19                                    | W. J. C.  | 30-4-19<br>22-4-20  | Ser<br>41                                     | Victoria, Nanaimo and<br>Island Way Points,<br>(C III) to Vancouver,<br>(C II).<br>Muskoka Lakes. | C. P. Rly., Montreal, P.Q.   |
| Islander<br>111567 Toronto, Ont.  | 165             | 1900 Wood<br>Gravenhurst, Ont.  | Pass.<br>60                                   | Gravenhurst, Ont.<br>17-4-19                                 | G. M. A.<br>S. D. A.                                | 2-7-19<br>10-6-20   | Ser<br>13-5                                   | Muskoka Lakes.<br>Hotel Co., Toronto, Ont.  | Muskoka Lakes Nav. and<br>Hotel Co., Toronto, Ont.                 |
| Islander<br>122110 Charlottetown.   | 54              | 1906 Wood,<br>Shelburne, N.S.   | Tug.<br>37                                    | Charlottetown<br>27-9-19                                     | N. A. C.  | Ser<br>27-9-20  | Ser<br>16-7                                   | Harbour service.<br>N.S.  | Henderys Ltd., Halifax,<br>N.S.                                    |
| Isleway<br>116550 Montreal.   | 14              | 1904 Wood,<br>Kingston, Ont.  | Tug.<br>9                                     | Pembroke, Ont.<br>21-5-19                                    | J. E. L.  | 27-5-19<br>21-5-20  | Ser<br>5                                      | Pembroke and Des-<br>jardins.   | W. L. Hunter, Pembroke,<br>Ont.                                    |
| Ivanhoe<br>122547 Vancouver, B.C.   | 181             | 1908 Wood<br>Vancouver, B.C.  | Tug.<br>123                                   | Vancouver, B.C.<br>26-8-19                                   | H. G. R.  | 28-8-19<br>22-8-20  | Ser<br>30-1                                   | Vancouver and King-<br>come Inlet.  | Kingscome Nav. Co., Van-<br>couver, B.C.                           |
| Iver Heath (ex Lake Mani-<br>toba).<br>113497 Montreal, P.Q.  | 9,170           | 1901 Steel<br>Newcastle, G. B.  | Prt.<br>5,852                                 | Halifax, N.S.<br>11-10-19                                    | N. A. C.  | 11-10-19  | Tw. ser.<br>406                               | Foreign going.  | Bishop Navigation Co.,<br>tread, P.Q.                              |
| Ivy Clark<br>126523 Ottawa.   | 28<br>19        | 1907 Wood,<br>Sturgeon Falls, Ont.  | Tug.<br>19                                    | Sturgeon Falls, Ont.<br>12-6-19                              | J. T. G.  | Not issued.   | Ser   | Lake Nipissing.   | C. W. Clark, Sturgeon Falls,<br>Ont.                               |
| Ixon<br>135431 Liverpool, G.B.  | 10,221<br>6,527 | 1912 Steel<br>Greenock, G. B.   | Prt. and<br>pass.                             | Vancouver, B.C.<br>17-11-21                                  | A. F.   | Not issued.   | Tw. ser.                                      | Foreign-going.  | China Mutual Steam Navi-<br>gation Co., Liverpool.                 |
| J. O. B<br>126607 Chatham, N.B.   | 35<br>13        | 1910 Wood,<br>Chatham, N.B.   | Tug.<br>13                                    | Chatham, N.B.<br>6-8-19                                      | C. E. D.  | 11-8-19<br>6-8-20   | Ser<br>16-3                                   | Miramichi river.  | John O'Brien, Nelson, N.B.   |
| J. A. Bothwell  |                 | 1917 Wood,<br>Lake St. Francis.   | Tug.  | Lambton, P.Q.<br>12-7-19                                     | J. A. S.  | Not issued.   | Tw. ser.<br>2                                 | Lake St. Francis.   | Brompton Pulp and Paper<br>Co., East Angus, P.Q.                   |



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|   |                  |   |             |                                      |                                   |                                  |                  |                                      |  |
|---|------------------|---|-------------|--------------------------------------|-----------------------------------|----------------------------------|------------------|--------------------------------------|--|
| J. A. McKee,<br>125442 Newcastle, Eng.          | 2, 158<br>1, 375 | 1905 Steel,<br>Newcastle, Eng.                        | Port.       | Halifax, N.S.,<br>30-7-19<br>30-6-19 | D. J. M.,<br>A. McD.,<br>D. J. M. | 21-7-19<br>30-6-20               | Ser.<br>147-5    | Foreign going.                       | Minister of Railways and<br>Canals, Ottawa.          |
| J. A. Mumford,<br>117167 Windsor, N.S.          | 115              | 1903 Wood,<br>Spencer Isd., N.S.                      | Tug.        | Halifax, N.S.,<br>31-5-19            | D. J. M.                          | 30-6-19<br>27-6-20               | Ser.<br>41-6     | Windsor and coastwise                | Gypsum Packet Co.,<br>Windsor, N.S.                  |
| J. B. McCall,<br>126721 Peterboro, Ont.         | 24<br>16         | 1908 Wood,<br>Lakefield,<br>Peterboro, Ont.           | Tug.        | Glen Ross, Ont.,<br>22-7-19          | T. P. T.                          | 25-7-19<br>22-7-20               | Ser.<br>2        | Trent Canal.                         | The Minister of Railways<br>and Canals, Ottawa, Ont. |
| J. C. Elso,<br>134267 Midland, Ont.             | 23<br>15         | 1915 Steel,<br>Midland, Ont.                          | Tug.        | Waubanshene, Ont,<br>7-10-19         | G. M. A.                          | 16-10-19<br>30-9-20              | Ser.<br>2-7      | Waubanshene harbour<br>and vicinity. | Georgian Bay Lumber Co.,<br>Waubanshene, Ont.        |
| J. D. Hamill,<br>112335 Collingwood, Ont.       | 111<br>76        | 1904 Wood,<br>Meaford, Ont.                           | Pass. tug.  | Midland, Ont.,<br>10-10-19           | G. M. A.<br>S. D. A.              | 25-10-19<br>15-10-20<br>15-10-20 | Ser.<br>20-9     | Midland and Georgian<br>Bay.         | E. and D. J. Burke, Mid-<br>land, Ont.               |
| J. D. Morrison,<br>112179 Port Arthur, Ont.     | 116<br>79        | 1907 Wood,<br>Collingwood, Ont.                       | Tug.        | Fort William, Ont.,<br>2-5-18        | W. J. V.                          |                                  | Ser.<br>32       | Thunder Bay.                         | Great Lakes Dredging Co.,<br>Port Arthur, Ont.       |
| J. D. Schofield,<br>126089 St. Catharines.      | 51<br>31         | 1910 Wood,<br>Port Robinson, Ont.                     | Tug.        | Port Colborne, Ont.,<br>20-8-19      | J. B. S.                          | 26-8-19<br>20-8-20               | Ser.<br>10-8     | Welland canal and Lake<br>Ontario.   | G. & C. Ross, Port Robi-<br>nson, Ont.               |
| J. G. Witherbee,<br>122251 Quebec, P.Q.         | 164<br>78        | 1872 Steel,<br>Philadelphia, U.S.A.<br>Rebuilt, 1914. | Tug.        | Sorel, P.Q.,<br>17-7-19              | F. X. H.                          | 9-8-19<br>17-7-20                | Ser.<br>40       | Kingston and Father The<br>Point.    | The Minister of Public<br>Works, Ottawa, Ont.        |
| J. H. G. Hagarly,<br>134250 Toronto, Ont.       | 7, 462<br>5, 701 | 1914 Steel,<br>Collingwood, Ont.                      | Port. pass. | Port Colborne, Ont.,<br>3-4-19       | J. B. S.                          | 9-5-19<br>17-4-19                | Ser.<br>217-7    | All lakes and rivers                 | Canada S.S. Lines, Ltd.,<br>Montreal, P.Q.           |
| J. H. Haekett,<br>111619 Montreal, P.Q.         | 117<br>80        | 1901 Wood,<br>Quebec, P.Q.                            | Tug.        | Ogdensburg,<br>1-5-19                | A. W. E.<br>T. P. T.              | 2-5-17                           | Ser.<br>34-6     | Brighton and Father The<br>Point.    | Geo. Hall & Co., Montreal,<br>P.Q.                   |
| J. H. McDonald,<br>107170 Collingwood.          | 41<br>25         | 1902 Wood,<br>Collingwood, Ont.                       | Tug.        | Victoria Harbour, Ont.,<br>11-9-18   | G. M. A.                          | 25-10-19<br>30-9-20              | Ser.<br>13-5     | Thessalon and Little<br>Current.     | Waldie Bros., Toronto, Ont.                          |
| J. H. Wade,<br>134615 Sault Ste. Marie,<br>Ont. | 2, 301<br>1, 389 | 1890 Steel,<br>Cleveland, Ohio.                       | Port.       | Sydney, N.S.,<br>2-5-19<br>8-5-19    | D. J. M.,<br>A. McD.              | 27-9-19<br>7-11-19               | Ser.<br>111-3    | Coasting.                            | Wade S.S. Co., Halifax, N.S.<br>N.S.                 |
| J. H. Young,<br>130225 Owen Sound.              | 17<br>11         | 1915 Wood,<br>Tobermory, Ont.                         | Tug.        | Gore Bay,<br>14-10-19                | P. W. L.                          | Not issued.                      | Ser.<br>6        | Gore Bay.                            | James Young, Gore Bay,<br>Ont.                       |
| J. L. Nelson,<br>107339 Halifax, N.S.           | 38<br>19         | 1899 Wood,<br>Yarmouth, N.S.                          | Tug.        | Halifax, N.S.,<br>27-5-19            | D. J. M.                          | 29-5-19<br>27-5-20               | Ser.<br>8        | Coasting.                            | The Minister of Marine and<br>Ottawa, Ont.           |
| J. M. Driver,<br>117367 Sarnia, Ont.            | 43<br>33         | 1904 Wood,<br>Sarnia, Ont.                            | Tug.        | Quebec<br>15-7-19                    | J. A. S.                          | 2-9-19<br>15-7-20                | Ser.<br>17-06    | Quebec Harbour.                      | Quebec Harbour Commis-<br>sioners, Quebec.           |
| J. M. Smith,<br>112569 Winnipeg, Man.           | 179<br>104       | 1905 Wood,<br>Winnipeg, Man.                          | Pass.       | Winnipeg, Man.,<br>17-5-19           | J. T. M.                          | Not issued                       | Stern Patl.<br>4 | Red river.                           | W. H. Hall, Winnipeg, Man.                           |
| J. R. Blanning,<br>138226 Montreal, P.Q.        | 58<br>31         | 1916 Wood,<br>Sorel, P.Q.                             | Tug.        | Port Colborne,<br>15-4-19            | J. B. S.                          | 28-4-19<br>15-4-20               | Ser.<br>24-1     | Welland canal and Tor-<br>onto.      | The Canada Steamship<br>Lines, Montreal.             |
| J. R. Speur,<br>122273 Winnipeg, Man.           | 71<br>48         | 1909 Wood,<br>Totogan, Man.                           | Fish tug.   | Selkirk, Man.,<br>6-5-19             | J. T. M.                          | 8-5-19<br>8-5-20                 | Ser.<br>13-5     | Lake Winnipeg.                       | Northern Fish Co., Selkirk,<br>Man.                  |
| J. S. Rayside,<br>133936 Ottawa, Ont.           | 49<br>25         | 1913 Wood,<br>Montebello, P.Q.                        | Tug.        | Montebello, P.Q.,<br>24-7-19         | J. T. G.                          | 28-8-19<br>24-7-20               | Ser.<br>17-1     | Ottawa and Grenville.                | Owens Lumber Co., Ltd.,<br>Montebello, P.Q.          |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'enregistrement. | Tonnage.       | Where and When Built—Material.<br>Année et lieu de construction—Nature de la coque. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection.  | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate Issued—Expires.<br>Certificat: Délivrance—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. en H. P. | Route.                                 | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|----------------|---|---|---|---|---|---|--|--|
| J. W. Bennett<br>131065 Port Arthur, Ont.   | 108<br>73      | 1812 Wood<br>Port Arthur Ont.   | Tug.  | Port Arthur, Ont.<br>24-4-19                                  | W. J. V.  | 26-4-19<br>24-4-20  | Ser.<br>30-6                                  | Pigeon River and Jackfish.             | Superior Sand and Towing Co., Port Arthur, Ont.                    |
| J. W. Ward<br>134020 Port Arthur, Ont.  | 63<br>39       | 1891 Wood<br>1911 Reboilf.<br>Benton Harbour,<br>Mich.                              | Tug.  | Port Arthur, Ont.<br>19-4-19                                  | W. J. V.  | 22-4-19<br>19-4-20  | Ser.<br>11                                    | Toronto Harbour.                       | Port Arthur Construction Co., Port Arthur, Ont.                    |
| J. Frater Taylor<br>2-030 Sault Ste. Marie.   | 3,425<br>2,030 | 1901 Steel<br>Lorain, Ohio.   | Frt.  | Midland, Ont.<br>9-4-19<br>18-19<br>Newcastle, N.B.<br>6-8-19 | G. M. A.<br>S. D. A.<br>C. E. D.                    | 24-4-19<br>18-4-20  | Ser.<br>109-1                                 | All lakes and rivers.                  | Algoma Central and Hudson Bay Railway, Sault Ste. Marie, Ont.      |
| J. Howard<br>122626 Chatham, N.B.   | 16             | 1908 Wood<br>Newcastle, N.B.  | Fishing boat.                                 | Newcastle, N.B.<br>6-8-19                                     | C. E. D.  | 11-8-19<br>6-8-20   | Ser.<br>6                                     | Miramichi river.                       | T. W. Crocker, Newcastle, N.B.                                     |
| Jack.<br>112030 Quebec, P. Q.   | 40<br>15       | 1901 Wood<br>St. Thomas, P. Q.  | Tug.  | Montmagny, P. Q.<br>9-7-19                                    | J. A. S.  | 4-10-19<br>3-11-19  | Ser.<br>4-8                                   | Quebec and Montmagny.                  | Price Bros., Quebec, P. Q.   |
| James Beard.<br>80013 Port Huron, Mich.   | 87<br>68       | 1873 Wood<br>Aux Sables, Mich.  | Ferry Pass<br>170                             | Port Huron, Mich.<br>13-5-19                                  | J. D.   | 27-6-19<br>3-5-20   | Ser.<br>9-6                                   | Sarnia and Pt. Huron.                  | Port Huron and Sarnia Ferry Co., Port Huron, Mich.                 |
| James Carruthers<br>134746 Grimsby, Eng.  | 233<br>97      | 1912 Steel<br>Beverly, Eng.   | Fishing boat.                                 | Prince Rupert, B. C.<br>24-1-20                               | B. M.   | 9-2-20<br>23-1-21   | Ser.<br>58                                    | Coasting.                              | Atlin Cons. Co., Victoria, B. C.                                   |
| James H. Shrigley<br>134512 Sarnia, Ont.  | 534<br>400     | 1881 Wood<br>Milwaukee, U. S. A.  | Frt.  | Quebec, P. Q.<br>25-4-19                                      | J. A. S.<br>P. D.                                   | 12-5-19<br>25-4-20  | Ser.<br>63-3                                  | Lakes, etc.                            | C. A. Barnard, Montreal, P. Q.                                     |
| James Holly<br>111511 St. John, N. B.   | 31<br>21       | 1901 Wood<br>St. John, N. B.  | Tug.  | St. John, N. B.<br>22-8-21                                    | C. E. D.  | 22-8-19<br>22-8-20  | Ser.  | Inside Musquash Head and Cape Spencer. | James Holly & Sons, St. John, N. B.                                |
| James Howden.<br>133902 Sorel, P. Q.  | 117<br>63      | 1902 Wood<br>Sorel, P. Q.   | Tug.  | Sorel, P. Q.<br>26-7-19                                       | F. X. H.  | 26-7-19<br>30-7-20  | Tw. Ser.<br>48                                | St. Lawrence River.                    | The Minister of Marine and Fisheries, Ottawa, Ont.                 |
| James McKeon.<br>96844 Sarnia, Ont.   | 36<br>24       | 1893 Wood<br>Sarnia, Ont.   | Tug.  | Blind River, Ont.<br>17-6-19                                  | P. W. L.  | 28-6-19<br>17-6-20  | Ser.<br>5                                     | Blind River.                           | Blind River Transportation Co., Ltd., Blind River, Ont.            |
| James Neilson<br>116971 Chatham, N. B.  | 31             | 1904 Wood<br>Chatham, N. B.   | Tug.  | Chatham, N. B.<br>6-8-19                                      | C. E. D.  | 11-8-19<br>6-8-20   | Ser.<br>8-7                                   | Miramichi River.                       | J. P. Burchill, Nelson, N. B.                                      |
| James Playfair.<br>100943 Port Burwell,<br>Ont.   | 26<br>18       | 1894 Wood<br>Collingwood, Ont.<br>1911 Reboilf.<br>Port Burwell, Ont.               | Fishing boat.                                 | Pt. Dover, Ont.<br>24-7-19                                    | J. B. S.  | 3-7-19<br>24-7-20   | Ser.<br>8-1                                   | Laake Erie.                            | C. C. Moulton, Pt. Burwell, Ont.                                   |
| James Pendergast.<br>103823 Cornwall, Ont.  | 61<br>34       | 1914 Wood<br>Kingston, Ont.   | Tug.  | Cedars, P. Q.<br>9-4-19                                       | J. T. G.  | Not issued.   | Ser.<br>17                                    | Cedars at Power House.                 | Cedar Rapids Power Co., Cedars, P. Q.                              |
| Jean Macnamara.<br>138069 Ottawa, Ont.  | 41<br>26       | 1916 Steel<br>Ottawa, Ont.  | Tug.  | Arnprior, Ont.<br>20-5-19                                     | J. E. L.  | 27-5-19<br>20-5-20  | Ser.<br>6                                     | Chats Lake.                            | McLachlin Bros., Arnprior, Ont.                                    |

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|  |              |   |                              |  |                      |                      |           |                                      |   |
|--|--------------|---|------------------------------|--|----------------------|----------------------|-----------|--------------------------------------|---|
| James W. Follette,<br>116816 Cobourg, Ont. | 756          | 1881 Wood<br>541 Gibraltar, Mich.<br>1912 Rebuilt.<br>Tonawanda, Ont. | Frt.                         | Montreal, P.Q.<br>14-4-19<br>14-4-20     | J. E. L.<br>P. D.    | 28-4-19<br>14-4-20   | Ser. 88-8 | Erie and Father Point.               | Geo. Hall Co., Montreal,<br>P.Q.                        |
| James Whalen,<br>121709 Port Arthur, Ont.  | 313          | 1905 Steel<br>156 Toronto, Ont.                                       | Tug.                         | Port Arthur, Ont.<br>15-10-19            | W. J. V.             | 15-10-19<br>15-10-20 | Ser. 66-6 | Lake Superior.                       | Canadian Towing & Wreck-<br>ing Co., Port Arthur, Ont.  |
| Jasmine,<br>100630 Toronto, Ont.           | 298          | 1892 Wood<br>184 Toronto.   | Pass.                        | Hanlan's Point<br>30-4-19                | J. B. S.<br>W. E.    | 14-6-19<br>19-5-20   | Ser. 18-1 | Toronto Bay.                         | Toronto Ferry Co., Toronto,<br>Ont.                     |
| Jean F.,<br>133794 Pt. Stanley.            | 25           | 1906 Rebuilt.<br>1917 Wood<br>17 Port Stanley.                        | Fishing<br>boat.             | Port Dover, Ont.<br>7-8-19               | J. B. S.             | 28-10-19<br>7-8-20   | Ser. 3    | Lake Erie.                           | William F. Kole, Port Dover<br>Ont.                     |
| Jean-Jacques,<br>133840 Montreal, P.Q.     | 33           | 1916 Wood<br>19 Three Rivers, P.Q.                                    | Pass.                        | Nicolet, P.Q.<br>9-5-19                  | F. X. H.<br>P. D.    | 12-7-19<br>19-5-20   | Ser. 8    | Nicolet and Three Riv-<br>ers.       | J. A. Sévigny and A. Bois-<br>vert, Grandes Piles, P.Q. |
| Jeanne D'Arc,<br>126146 Sorel, P.Q.        | 103          | 1908 Wood<br>69 Sorel, P.Q.   | Ferry.                       | Three Rivers, P.Q.<br>24-5-19            | J. E. L.<br>P. D.    | 5-6-19<br>4-6-20     | Ser. 3-3  | Valleyfield and Lancas-<br>ter.      | Célestin Leboeuf, Valleyfield<br>P.Q.                   |
| Jeanne Alice,<br>138105 Montreal, P.Q.     | 60           | 1912 Wood<br>29 Valleyfield, P.Q.                                     | Frt.                         | Montreal, P.Q.<br>4-6-19                 | J. T. G.             | 15-7-19<br>15-7-20   | Ser. 1-6  | Montreal and Pierreville             | J. & E. Ally, Montreal, P.Q.                            |
| Jeanette P.,<br>138455 Sorel, Que.         | 20           | 1918 Wood<br>7 Three Rivers, Que.                                     | Tug.                         | Three Rivers,<br>6-8-19                  | F. X. H.             | 11-8-19<br>6-8-20    | Ser.      | Three Rivers Harbour.                | Chas. Page, Three Rivers,<br>P.Q.                       |
| Jennie C.,<br>137900 Toronto.              | 17           | 1916 Wood<br>12 Huntsville, Ont.                                      | Tug.                         | Huntsville, Ont.<br>25-8-19              | G. M. A.             | Not issued.          | Ser. 4    | Muskoka river and lakes              | B. Cottrill, Huntsville.                                |
| Jeska,<br>126128 Kingston, Ont.            | 189          | 1909 Composite.<br>107 Kingston, Ont.                                 | Frt.                         | Kingston, Ont.<br>8-4-19                 | T. P. T.<br>M. R. D. | 12-4-19<br>8-4-20    | Ser. 16-7 | Oswego and Ottawa.                   | McKenzie & Smith, Smith's<br>Falls, Ont.                |
| Jessie Bain,<br>107744 Kingston, Ont.      | 66           | 1888 Wood<br>41 Kingston, Ont.  | Used for<br>welding<br>shop. | Sorel, P.Q.<br>12-4-19                   | F. X. H.             | 28-5-19              | Ser. 14   | Montreal Harbour and<br>Canal.       | J. Connors, Montreal.                                   |
| Jessie Hall,<br>70288 Port Arthur, Ont.    | 57           | 1867 Wood<br>29 Buffalo, N. Y.  | Tug.                         | Port Arthur, Ont.<br>15-5-19             | W. J. V.             | 15-5-19<br>15-5-20   | Ser. 34   | Port Arthur, and Jack-<br>fish.      | Hugh Keefer, Port Arthur,<br>Ont.                       |
| Jessie Hume,<br>97009 St. Catharines, Ont. | 58           | 1894 Wood<br>40 St. Catharines, Ont.                                  | Tug.                         | Sorel, P.Q.<br>18-4-19                   | F. X. H.             | 27-6-19<br>18-4-20   | Ser. 8-5  | Montreal, Sorel and Cap<br>la Roche. | The Minister of Marine and<br>Fisheries, Ottawa.        |
| Jessie Minc,<br>117115 Vancouver, B.C.     | 37           | 1905 Wood<br>39 Vancouver, B.C.                                       | Tug.                         | Vancouver, B.C.<br>26-5-19               | A. F.                | Not issued.          | Ser. 14   | Vancouver and Straits<br>of Georgia. | Greer & Coyle, Vancouver,<br>B.C.                       |
| Jos Goodwin,<br>131084 Toronto, Ont.       | 38           | 1912 Wood<br>26 Toronto, Ont.   | Tug.                         | Port Stanley, Ont.<br>21-7-19            | J. B. S.             | 26-7-19<br>11-6-20   | Ser. 4-8  | Port Stanley and Long<br>Point.      | Ios. Goodwin Estate, Toron-<br>to, Ont.                 |
| Joffre D.,<br>133957 Sorel, P.Q.           | 37           | 1914 Wood<br>19 Sorel, P.Q.   | Tug.                         | Sorel, P.Q.<br>17-4-19                   | F. X. H.             | 6-5-19<br>17-4-20    | Ser. 13-6 | Three Rivers Harbour.                | A. Desrochers, Sorel, P.Q.                              |
| John,<br>111670 Montreal, P.Q.             | 19           | 1885 Wood<br>13 Port Fortune, P.Q.                                    | Ferry.                       | Carillon, P.Q.<br>23-7-19                | J. E. L.<br>P. D.    | 24-7-19<br>23-7-20   | Ser. 2-1  | Carillon and Pt. Fortune             | T. Martin, Carillon, P.Q.                               |
| John A. Minor,<br>130714 Kenora, Ont.      | 40           | 1913 Wood<br>27 Kenora, Ont.  | Tug.                         | Kenora<br>27-4-18                        | W. J. V.             | Not issued.          | Ser. 3    | Lake of the Woods.                   | Keewatin Lumber Co., Kee-<br>watin, Ont.                |
| John B. Ketchum 2nd,<br>130435 Montreal.   | 1,109<br>763 | 1892 Steel<br>703 Toledo, U.S.A.                                      | Frt.                         | Ogdensburg, U.S.A.<br>23-4-19<br>26-4-19 | T. P. T.<br>M. R. D. | 9-5-19<br>23-4-20    | Ser.      | Port William and Father<br>Point.    | George Hall Co., Montreal,<br>P.Q.                      |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'enregistrement. | Tonnage. | Where and When Built—Material.<br>Année et lieu de construction—Matériau de la coque. | Traffic—No. of Pass. Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs | Certificate: Issued—Expires.<br>Certificat: Délivrance—Expiration | Propulsion—N.H.P.<br>Propulsion—N. en H.P. | Route.                          | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|----------|---|--|--|--|---|--|---------------------------------|--|
| John E. Monk<br>130387 Amherstburg  | 58       | 1887 Wood<br>Stambush, U.S.A.   | Tug  | Amherstburg<br>21-10-19                                      | J. D.  | 27-10-19<br>21-10-20  | Ser 9-9                                    | Detroit River                   | C. R. Hackett, Amherstburg.  |
| John E. Russell<br>111805 Toronto, Ont.   | 26       | 1902 Wood<br>17 South Ste. Marie.   | Tug  | Toronto, Ont.<br>5-3-20                                      | J. B. S.   | 29-5-20<br>5-3-21   | Ser 10-2                                   | Toronto Harbour                 | Toronto Harbour Commissioners, Toronto.                            |
| John H. Sprall<br>130758 Vancouver, B.C.  | 110      | 1911 Wood<br>75 Vancouver, B.C.   | Pass 40                                      | Mission, B.C.<br>(2nd inspection)<br>9-5-19<br>21-9-20       | A. F.  | 9-6-19<br>9-8-19<br>1-10-19<br>20-11-19                           | Tw. Ser. 10                                | Fraser River at Mission, B.C.   | The Minister of Public Works, Victoria, B.C.                       |
| John Hancock<br>126043 Annapolis, N.S.  | 43       | 1908 Wood<br>30 Granville, N.S.   | Pass 25                                      | Granville Ferry, N.S.<br>4-4-19                              | A. F.<br>N. A. C.<br>A. McD.                       | 10-4-19<br>4-4-20   | Ser 3-3                                    | Annapolis and Granville, Pery.  | B. Dolan, Annapolis, N.S.  |
| John Hamlin<br>85519 Toronto, Ont.  | 37       | 1881 Wood<br>25 Pt. Dalhousie, Ont.   | Pass 175                                     | Toronto, Ont.<br>18-6-19<br>20-5-20                          | J. B. S.<br>W. E.                                  | 18-6-19<br>20-5-20  | Ser 4                                      | Toronto Bay                     | L. Solman, Toronto, Ont.   |
| John J. Noble<br>107136 Goderich, Ont.  | 23       | 1901 Wood<br>23 Goderich, Ont.  | Fishing tug                                  | Madhipiraen Harbour, Ont.<br>23-6-19                         | P. W. L.   | Not issued.   | Ser 13-8                                   | Lake Superior                   | Domition Fish Co., Winnipeg, Man.                                  |
| John McKay<br>107137 Goderich, Ont.   | 31       | 1901 Wood<br>23 Goderich, Ont.  | Fishing tug                                  | Melthrum Bay, Ont.<br>13-10-19                               | P. W. L.   | No issued.  | Ser 13-5                                   | Lake Huron and North Channel.   | Domition Fish Co., Winnipeg, Man.                                  |
| John McRae<br>112339 Collingwood, Ont   | 34       | 1905 Wood<br>23 Meaford, Ont.   | Fishing tug                                  | Killarney, Ont.<br>21-7-19                                   | P. W. L.   | 31-7-19<br>21-7-20  | Ser 10-6                                   | Georgian Bay                    | A. J. Lowe, Killarney, Ont.  |
| John Pratt<br>130521 Montreal, P.Q.   | 166      | 1910 Steel<br>79 Sorel, P.Q.  | Tug  | Sorel, Que.<br>10-1-19                                       | F. N. H.   | 30-4-19<br>10-4-20  | Ser 51                                     | Montreal Harbour                | Sigeemes-McNaughton Lane Montreal.                                 |
| John R. Moore<br>130233 Port Stanley, Ont.  | 630      | 1911 Wood<br>43 Port Stanley, Ont.  | Fishing boat.                                | Port Stanley, Ont.<br>22-7-19                                | J. B. S.   | 1-8-19<br>22-7-20   | Ser 7                                      | Lake Erie.                      | John R. Moore, Port Stanley, Ont.                                  |
| John R. Stover<br>130431 Sarnia, Ont.   | 91       | 1911 Steel<br>15 Collingwood, Ont.  | Tug and pass 7                               | Blind River, Ont.<br>17-10-19<br>16-10-19                    | P. W. L.<br>S. D. A.                               | 28-10-19<br>10-10-20  | Ser 27-3                                   | Blind River and vicinity        | Blind River Towing Co., Blind River.                               |
| John Randall<br>117121 Kingston, Ont.   | 133      | 1905 Composite<br>53 Kingston, Ont.   | Ft.  | Kingston, Ont.<br>2-5-19                                     | T. P. T.   | 2-5-19  | Ser 13-5                                   | Lake Ontario and Bay of Quinte. | H. F. Randall, Seeley Bay, Ont.                                    |
| John Rolph<br>88241 Toronto, Ont.   | 421      | 1882 Wood<br>212 Deseronto, Ont.<br>1908 Rebuilt.<br>Toronto.                         | Ft.  | Toronto, Ont.<br>14-5-19                                     | W. F.  | 16-5-19<br>14-5-20  | Ser 51-4                                   | Soo and Quebec                  | Point Anne Quarries, Toronto, Ont.                                 |
| John Young<br>130521 Montreal, P.Q.   | 170      | 1910 Steel<br>87 Sorel, P.Q.  | Tug  | Montreal, P.Q.<br>9-5-19                                     | J. T. G.   | 12-5-19<br>9-5-20   | Tw. ser 48                                 | Montreal Harbour                | Harbour Commissioners, Montreal, P.Q.                              |
| Johnnie H.<br>107866 Quebec, P.Q.   | 16       | 1899 Wood<br>9 Quebec, P.Q.<br>1912 Rebuilt.  | Tug  | Quebec, P.Q.<br>6-10-19                                      | J. A. S.   | 6-10-19<br>1-3-20   | Ser 3                                      | Quebec Harbour                  | J. S. Thom, Quebec, P.Q.   |

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|--|----------------|--|-------------------|--|--------------------------------------|---------------------|--------------------|-------------------------------------|--|--|
| Joyful,<br>130499<br>New Westminster,<br>B.C.      | 81             | 1912 Wood<br>New Westminster,<br>B.C.          | Tug.....          | Vancouver, B.C.<br>8-3-20                          | H. G. R.....                         | 12-3-19<br>1-3-20   | Ser.....<br>8-2    | Comox harbour,<br>Vancouver island. | Canadian Tug Boat<br>Co.,<br>Vancouver, B.C.     |  |
| Joyland,<br>133108<br>Montreal, P.Q.               | 1,845<br>1,070 | 1854 Wood<br>Detroit, Mich.                    | Frt.....          | Kingston, Ont.<br>2-4-19<br>14-4-20                | T. P. T.<br>M. R. D.....             | 14-4-19<br>2-4-20   | Ser.....<br>89     | Fort William and Father<br>Point.   | Lake and River, Transp. Co.,<br>Montreal, P.Q.   |  |
| Jubilee,<br>103936<br>Chatham, N.B.                | 17             | 1897 Wood<br>Chatham, N.B.                     | Tug.....          | Chatham, N.B.<br>4-8-19                            | C. E. D.....                         | 11-8-19<br>4-8-20   | Ser.....<br>8-2    | Miramichi river.....                | Wm. Anderson, Churell Pt.,<br>N.B.               |  |
| Julien V. O'Brien,<br>103580<br>Collingswood, Ont. | 59             | 1888 Wood<br>Buffalo, N.Y.<br>1907 Rebuilt.    | Tug.....          | Port Colborne, Ont.<br>3-4-19                      | J. B. S.....                         | 8-4-19<br>7-11-19   | Ser.....<br>29     | Welland Canal and Lake<br>Erie.     | Port Colborne Tug<br>Co.,<br>Port Colborne, Ont. |  |
| Juno,<br>90674<br>Goderich, Ont.                   | 28             | 1887 Wood<br>Collingwood, Ont.                 | Fishing tug.      | Port Dover, Ont.<br>24-10-19                       | J. B. S.....                         | 28-10-19<br>8-10-20 | Ser.....<br>4-8    | Lake Erie.....                      | J. B. Paine, Toronto, Ont.                       |  |
| Judand,<br>141285<br>La Have, N.S.                 | 334<br>137     | 1918 Wood<br>West La Have, N.S.                | Fishing<br>boat.  | Liverpool, N.S.<br>23-2-20                         | N. A. C.....                         | 1-3-20<br>23-4-20   | Tw. ser.....<br>13 | Coasting.....                       | J. Baekman & D. Rowkey,<br>Liverpool, N.S.       |  |
| <b>K</b>   |                |  |                   |  |                                      |                     |                    |                                     |  |  |
| Kawigamog,<br>134459<br>Toronto, Ont.              | 85             | 1913 Wood<br>Loring, Ont.                      | Pass.....         | Lost Channel, Ont.<br>24-7-19                      | G. M. A.....                         | Not issued.         | Ser.....<br>8-1    | Lakes Kawigamog and<br>Wakmagog.    | A. Walton & Sons, Loring,<br>Ont.                |  |
| Keenan,<br>122414<br>Owen Sound, Ont.              | 133<br>91      | 1907 Wood<br>Midland, Ont.<br>Owen Sound, Ont. | Tug.....          | Owen Sound, Ont.<br>10-4-19                        | P. W. L.....                         | 14-4-19<br>10-4-20  | Ser.....<br>37-5   | Lakes and Rivers.....               | Keenan Towing Co., Ltd.,<br>Owen Sound, Ont.     |  |
| Keenora,<br>106680<br>Toronto, Ont.                | 535<br>264     | 1898 Composite<br>Kenora,<br>Winnipeg, Man.    | Pass.....         | Kenora Park,<br>17-5-19<br>9-5-19<br>Saskirk, Man. | J. T. M.<br>J. T. M.....             | 19-5-19<br>17-5-20  | Tw. ser.....<br>39 | Red River.....                      | Lake Winnipeg Nav. Co.,<br>Winnipeg, Man.        |  |
| Keewatin,<br>129885<br>Montreal, P.Q.              | 3,836<br>2,470 | 1907 Steel<br>Govan, G.B.                      | Pass.....         | Port McNicoll, Ont.<br>29-4-19                     | G. M. A.<br>S. D. A.....             | 16-5-19<br>1-5-20   | Ser.....<br>298-6  | Fort William and Pt.<br>McNeill.    | Can. Pac. Railway Co.<br>Montreal, P.Q.          |  |
| Keith Cann,<br>134170<br>Yarmouth, N.S.            | 299<br>177     | 1917 Wood<br>Shelburne, N.S.                   | Frt. and<br>Pass. | Yarmouth,<br>6-1-20<br>A. McE.D.                   | N. A. C.<br>A. McE.D.....            | 19-1-20<br>6-1-21   | Ser.....<br>53     | Yarmouth and St. John               | Hugh Cann & Sons, Yar<br>mouth, N.S.             |  |
| Kenogami,<br>58329<br>Quebec, P.Q.                 | 21             | 1886 Wood<br>Quebec, P.Q.<br>1917 Rebuilt.     | Tug.....          | Matane, P.Q.<br>11-8-19                            | J. A. S.....                         | 30-8-19<br>11-8-20  | Ser.....<br>17     | Saguenay River.....                 | Prie & Bros., Montmagny,<br>P.Q.                 |  |
| Kenton,<br>106773<br>St. John, N.B.                | 46<br>31       | 1910 Wood<br>St. John, N.B.                    | Tug.....          | St. John, N.B.<br>13-5-19                          | C. E. D.....                         | 13-5-19<br>13-5-20  | Ser.....<br>14     | Musquash Head and<br>Cape Spencer.  | J. S. Gregory, St. John, N.B.                    |  |
| Keybell,<br>131111<br>Montreal, P.Q.               | 1,730<br>1,254 | 1912 Steel<br>Collingwood, Ont.                | Frt.....          | Kingston, Ont.<br>14-4-19<br>15-4-19               | T. P. T.<br>M. R. D.....             | 16-4-19<br>14-4-20  | Ser.....<br>95-5   | Fort William and Father<br>Pt.      | Keystone Trans. Co., Mon<br>treal, P.Q.          |  |
| Keyner,<br>133588<br>Newcastle, G.B.               | 1,806<br>1,060 | 1914 Steel<br>Newcastle, G.B.                  | Frt.....          | Kingston, Ont.<br>14-4-19                          | T. P. T.<br>M. R. D.....             | 16-4-19<br>14-4-20  | Ser.....<br>96     | Fort William and Father<br>Point.   | Keystone Transpotation<br>Co., Montreal, P.Q.    |  |
| Keyport,<br>129459<br>Newcastle, G.B.              | 1,721<br>1,295 | 1909 Steel<br>Newcastle-on-Tyne,<br>G.B.       | Frt.....          | Kingston, Ont.<br>15-4-19                          | M. R. D.<br>T. P. T.<br>M. R. D..... | 16-4-19<br>11-4-20  | Ser.....<br>87-1   | Fort William and Father<br>Point.   | Swan Hunter and others,<br>Wallsend, G.B.        |  |
| Keyville,<br>128830<br>Middlesboro,<br>G.B.        | 1,768<br>1,045 | 1913 Steel<br>Middlesboro, G.B.                | Frt.....          | Montreal, P.Q.<br>10-7-19<br>4-7-19                | T. P. T.<br>M. R. D.....             | 10-7-19<br>5-7-20   | Ser.....<br>92-7   | Coasting.....                       | Keystone Trans. Co., Mon<br>treal, P.Q.          |  |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Noms officiels—Ports d'enregistrement. | Tonnage.       | Where and When Built—Material.<br>Année et lieu de construction—Nature de la coque. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate Issued—Expires.<br>Certificat: Délivré—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. en H. P. | Route.                              | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|--|----------------|---|---|--|---|--|---|-------------------------------------|--|
| Keeweech<br>12458 Newcastle, G. B.   | 1,725<br>1,298 | 1909 Steel<br>Walden-on-Tyne, G.B.  | Frt   | Kingston, Ont  | T. P. T.<br>M. R. D.                                | 11-4-19<br>11-4-20   | Ser. 87-1                                     | Fort William and Father IV.         | Swan Hunter <i>et al</i> , Wallsend, G.B.                          |
| Kildonan<br>96888 Vancouver, B. C.   | 51<br>32       | 1891 Wood<br>Victoria, B. C.  | Tug.  | Vancouver, B. C.<br>3-2-20                                   | A. F.   | 9-3-20<br>4-2-21   | Ser 13-5                                      | Vancouver and Straits of Georgia.   | Evans, Coleman & Evans, Vancouver, B. C.                           |
| Kimble<br>138480 Parrishoro, N. S.   | 13<br>5        | 1914 Wood<br>Port Greenville, N. S.   | Tug.  | Parrishoro, N. S.<br>8-7-19                                  | N. A. C.  | 10-7-19<br>8-7-20  | Ser 6   | Parrishoro Harbour.                 | V. N. Elderkin, Port Greenville, N. S.                             |
| Kimburn<br>126828 Lunenburg, N. S.   | 108<br>79      | 1911 Wood<br>Melborne Bay, N. S.  | Pass.   | Halifax, N. S.<br>1-4-19<br>9-4-19                           | N. A. C.<br>A. McD.                                 | 2-14-19<br>9-4-20  | Ser 28-2                                      | Mulgrave and Pleasant Bay.          | North Bay Steamship Co., Port Hood, N. S.                          |
| King Albert (O-drea)<br>134267 Charlottetown.  | 26<br>13       | 1901 Wood<br>Halfield, N. S.  | Ferry   | Summerside, P. E. I.<br>12-9-19                              | C. E. D.<br>W. R. B.                                | 28-10-19<br>30-12-19   | Ser 6   | Summerside to Bechoque P. E. I.     | P. C. Gallant, Summerside, P. E. I.                                |
| Kingston<br>111654 Toronto, Ont.   | 2,925<br>1,909 | 1901 Steel<br>Toronto, Ont.   | Pass  | Toronto, Ont.<br>2-6-19<br>20-8-19                           | J. B. S.<br>W. E.                                   | 11-6-19<br>10-6-20   | Pl. H. 273-2                                  | Toronto and Prescott via Charlotté. | Richardson and Ontario Nav. Co., Montreal, P. Q.                   |
| Kingsway<br>122938 Vancouver, B. C.  | 247<br>85      | 1906 Steel<br>Lytham, G. B.   | Fish. boat                                    | Vancouver, B. C.<br>16-4-19                                  | A. F.<br>H. G. R.                                   | 25-2-20<br>15-12-20  | Ser 55  | Coastwise.                          | Can. Fishing Co., Ltd., Vancouver, B. C.                           |
| Kilbane<br>126932 Victoria, B. C.  | 19<br>7        | 1910 Wood<br>Victoria, B. C.  | Frt pass                                      | White Horse, Y. T.<br>3-7-19                                 | B. M.   | 4-7-19<br>2-7-20   | Strm whl 1-7                                  | Yukon River.                        | Taylor & Drury, White Horse, Y. T.                                 |
| Kichanes<br>103305 New Westminster, B. C.  | 318<br>163     | 1896 Wood<br>Nelson, B. C.<br>1917 Redoubt, N. S.                                   | Frt pass                                      | Nelson, B. C.<br>31-5-19<br>24-5-19                          | W. J. C.  | 31-5-19<br>23-5-20   | Strm whl 19-1                                 | Nelson and Kaslo.                   | Canadian Pacific Railway, Montreal, P. Q.                          |
| Kumbia<br>138623 Winnipeg, Man.  | 17<br>11       | 1908 Composite<br>Hay River, N. W. T.   | Fishg. tug                                    | Hay River, N. W. T.<br>9-7-19                                | J. T. M.  | 9-7-19<br>9-7-20   | Ser 2   | Hay River and Slave Lake.           | Anglican Mission Hay River N. W. T.                                |
| Koram<br>91901 Montreal, P. Q.   | 2,874<br>1,871 | 1886 Steel<br>Cowan, G. B.  | Pass  | New York<br>10-11-19<br>10-11-19                             | C. E. D.<br>W. R. B.                                | 10-11-19<br>10-11-20   | Ser 265                                       | Foreign going.                      | Canada S. S. Lines, Montreal, P. Q.                                |
| Kuskawak<br>121738 Vancouver, B. C.  | 1,008<br>548   | 1906 Wood<br>Nelson, B. C.  | Frt pass.                                     | Nelson, B. C.<br>23-9-19                                     | W. J. C.  | 23-5-19<br>22-5-20   | Strm whl 32-1                                 | Nelson and Lardo.                   | Canadian Pacific Railway, Montreal, P. Q.                          |
| Kewasind<br>130318 Toronto, Ont.   | 47<br>32       | 1912 Steel<br>Toronto, Ont.   | Yacht   | Centre Island, Ont.<br>6-5-19                                | G. M. A.  | Not issued   | Ser 8-16                                      | Toronto Bay.                        | Royal Can. Yacht Club, Toronto, Ont.                               |
| Kyle<br>133532 St. John's, Nfld.   | 1,055<br>548   | 1913 Steel<br>Newcastle, G. B.  | Pass  | North Sydney, N. S.<br>6-5-19                                | D. J. M.<br>A. McD.                                 | 9-5-19<br>2-5-20   | Ser 176                                       | Coasting.                           | Reid, Nfld., S. S. Co., St. John's, Nfld.                          |

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|--|--|--------------------------|-------------------------------|------------------------|----------------------|----------|-------|--|--|----|----|----|----|---|---|---|---|---|---|---|---|---|
| L. Paul,<br>126453 Sorel, P.Q.             | 22 1908 Wood,<br>19 Sorel, P.Q.              | Tug.                     | Sorel, P.Q.<br>1-5-19         | F. X. H.               | 6-5-19<br>1-5-20     | Ser.     | 10-7  | Sorel Harbour and<br>Louisville.         | A. Durocher, Sorel, P.Q.   |    |    |    |    |   |   |   |   |   |   |   |   |   |
| L.O.B. Co.<br>131130 Ottawa, Ont.          | 19 1912 Wood,<br>12 Diek Island, Ont.        | Tug.                     | Ottawa,<br>Ont.<br>19-5-19    | J. E. L.               | 27-5-19              | Ser.     | 2     | Ottawa and Grenville.                    | Lower Ottawa Boom Co.  |    |    |    |    |   |   |   |   |   |   |   |   |   |
| La Canadienne,<br>32778 Ottawa, Ont.       | 372 1880 Iron,<br>227 Glasgow, G.B.          | Tug.                     | Halifax,<br>N.S.<br>18-6-19   | N. A. C.<br>A. McD.    | 21-6-19<br>21-6-20   | Ser.     | 61    | Coasting.                                | Atlantic Towing Co., Halifax,<br>N.S.                              |    |    |    |    |   |   |   |   |   |   |   |   |   |
| LaTour,<br>90884 Yarmouth, N.S.            | 155 1888 Wood,<br>99 Yarmouth, N.S.          | Pass. & Frt.<br>20       | Yarmouth, N.S.<br>19-8-19     | N. A. C.<br>A. McD.    | 20-8-19<br>7-8-20    | Ser.     | 49-7  | Yarmouth and Port<br>Clyde.              | H. Caun and Sons, Yarmouth,<br>N.S.                                |    |    |    |    |   |   |   |   |   |   |   |   |   |
| Labrador (ex T.R. 45),<br>Quebec, P.Q.     | 317 1918 Steel,<br>174 Lauzon, P.Q.          | Pass.<br>32              | Quebec, P.Q.<br>9-6-19        | J. A. S.<br>P. D.      | 9-6-19<br>9-6-20     | Ser.     | 61    | Quebec and Harrington<br>Hbr.            | The Gulf St. Lawrence<br>Shipping and Trading Co.,<br>Quebec, P.Q. |    |    |    |    |   |   |   |   |   |   |   |   |   |
| Lac St. Pierre,<br>133901 Sorel, P.Q.      | 158 1901 Wood,<br>57 Sorel, P.Q.             | Tug.                     | Sorel, P.Q.<br>4-3-19         | F. X. H.               | 4-3-20               | Tw. ser. | 48-8  | Montreal and Quebec.                     | Dept. of Marine, Ottawa,<br>Ont.                                   |    |    |    |    |   |   |   |   |   |   |   |   |   |
| Ladder Lake.                               | 17 Wood.                                     | Tug.                     | Big River, Sask.<br>23-4-19   | J. T. M.               | Not issued           | Paid.    | 2     | Mill Pond, Big River,<br>Sask.           | Ladder Lake Lumber Co.,<br>Big River, Sask.                        |    |    |    |    |   |   |   |   |   |   |   |   |   |
| Lady Evelyn,<br>109680 Quebec, P.Q.        | 483 1901 Steel,<br>192 Transmere, G.B.       | Pass.                    | Halifax, N.S.<br>7-5-19       | D. J. M.<br>A. McD.    | 9-6-19<br>24-12-19   | Tw. ser. | 152   | Pictou and coastwise.                    | The Postmaster General,<br>Ottawa, Ont.                            |    |    |    |    |   |   |   |   |   |   |   |   |   |
| Lady Grey,<br>122014 Ottawa, Ont.          | 733 1905 Steel,<br>65 Barrow, G.B.           | Ice-breaker<br>and pass. | Quebec, P.Q.<br>2-4-5-19      | F. X. H.<br>P. D.      | 4-8-19<br>4-8-20     | Tw. ser. | 246-1 | All Canadian ports.                      | Minister of Marine and<br>Fisheries, Ottawa, Ont.                  |    |    |    |    |   |   |   |   |   |   |   |   |   |
| Lady Laurier,<br>112399 Ottawa, Ont.       | 1,051 1902 Steel,<br>413 Paisley, G.B.       | Govt.<br>25              | Dartmouth, N.S.<br>20-6-19    | N. A. C.<br>D. K. O'B. | 4-12-19<br>4-12-20   | Tw. ser. | 186   | Coasting.                                | The Minister of Marine and<br>Fisheries, Ottawa, Ont.              |    |    |    |    |   |   |   |   |   |   |   |   |   |
| Lady Mackworth,<br>138621 Winnipeg, Man.   | 21 1916 Wood,<br>14 Peace River, Alta.       | Frt. pass.<br>10         | Peace River, Alta.<br>2-6-19  | J. T. M.               | 2-6-19<br>2-6-20     | Tw. ser. | 3-7   | Hudson's Hope to Ver-<br>million Chutes. | Peace River Development<br>Corporation, Peace River,<br>Alta.      |    |    |    |    |   |   |   |   |   |   |   |   |   |
| Lady Minto,<br>116641 Ottawa, Ont.         | 403 1903 Steel,<br>254 Remiskaming, P.Q.     | Tug.                     | Halleybury, Ont.<br>23-5-19   | J. E. L.               | 27-5-19<br>23-5-20   | Pdl.     | 61    | Lake Temiskaming.                        | Upper Ottawa Imp. Co.,<br>Ottawa, Ont.                             |    |    |    |    |   |   |   |   |   |   |   |   |   |
| Lady of Gaspé,<br>78554 Quebec, P.Q.       | 1,237 1877 Iron,<br>774 Port Glasgow, G.B.   | Frt.                     | Halifax, N.S.<br>26-8-19      | N. A. C.<br>A. McD.    | 9-9-19<br>26-8-20    | Ser.     | 115-3 | Coasting.                                | Nova Scotia S.S. Co., Ltd.,<br>Halifax, N.S.                       |    |    |    |    |   |   |   |   |   |   |   |   |   |
| Lady of the Lake,<br>103661 Winnipeg, Man. | 155 1901 Wood,<br>151 Selkirk, Man.          | Fishing Tug              | Selkirk, Man.<br>12-5-19      | J. T. M.               | Not issued.          | Ser.     | 16    | Lake Winnipeg.                           | The Riverton Fish Co.,<br>Hnausa, Man.                             |    |    |    |    |   |   |   |   |   |   |   |   |   |
| Lake Bantzen,<br>134084 Vancouver, B.C.    | 23 1914 Wood,<br>16 Vancouver, B.C.          | Pass.                    | Vancouver, B.C.<br>12-5-19    | A. F.                  | 21-5-19<br>8-4-20    | Ser.     | 2-5   | Vancouver and Indian<br>River.           | Harbour Shipping Co., Ltd.,<br>Vancouver, B.C.                     |    |    |    |    |   |   |   |   |   |   |   |   |   |
| Lake Michigan,<br>88537 Hamilton, Ont.     | 402 1873 Wood,<br>157 Hamilton, Ont.         | Frt.                     | Toronto, Ont.<br>10-4-19      | J. B. S.               | 11-4-19<br>10-4-20   | Ser.     | 51-8  | Sault Ste. Marie and<br>Quebec.          | Pt. Anne Quarries, Ltd.,<br>Toronto, Ont.                          |    |    |    |    |   |   |   |   |   |   |   |   |   |
| Lakeside,<br>90778 Windsor, Ont.           | 348 1888 Wood,<br>220 Windsor, Ont.          | Tug.                     | Toronto, Ont.<br>7-10-19      | J. B. S.               | 14-10-19<br>11-10-20 | Ser.     | 42    | Lake Ontario Ports.                      | M. J. Hogan, Port Colborne,<br>Ont.                                |    |    |    |    |   |   |   |   |   |   |   |   |   |
| Laketon,<br>137906 Toronto, Ont.           | 4,423 1903 Steel,<br>3,248 Cleveland, U.S.A. | Frt. and<br>pass.        | Port Colborne, Ont.<br>2-4-19 | J. B. S.<br>W. E.      | 9-5-19<br>16-4-20    | Ser.     | 152   | Duluth and Port Col.                     | Mathews S.S. Co. Ltd. Tor-<br>onto, Ont.                           |    |    |    |    |   |   |   |   |   |   |   |   |   |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'enregistrement. | Tonnage.       | Where and When Built—Material.<br>Année et lieu de construction—Matériau de la coque. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate: Issued—Expires.<br>Certificat: Délivrance—Expiration. | Propulsion—N.H.P.<br>Propulsion—N. en H.P. | Route.                                | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|----------------|---|---|--|---|--|--|---------------------------------------|--|
| Lambton<br>126409 Ottawa, Ont.  | 323<br>182     | 1908 Steel<br>Sorel, P.Q.   | Govt. ser.                                    | Midland, Ont<br>21-4-19                                      | J. D.   | Not issued   | Tw. ser.<br>89-6                           | Lakes and rivers.                     | Minister of Marine and Fisheries, Ottawa, Ont.                     |
| Lamino<br>134519 Sarnia, Ont.   | 2,292<br>1,656 | 1890 Wood<br>West Bay City, Mich  | Frt.  | Godolph, Ont<br>26-5-19<br>24-5-19                           | J. D.<br>W. E.                                      | 28-5-19<br>31-12-19  | Ser<br>145                                 | Lakes and rivers.                     | Thos. Lammam Port Colborne, Ont.                                   |
| Lansdowne<br>88629 Windsor, Ont.  | 1,474          | 1884 Iron.<br>Wyandotte, Mich.  | Car ferry.<br>pass. 287                       | Windsor, Ont.<br>22-10-19<br>27-10-19                        | J. D.   | 27-10-19<br>27-10-20   | Publ.<br>153-6                             | Windsor and Detroit.                  | Grand Trunk Ry. Co., Montreal, P.Q.                                |
| Lansdowne<br>39664 Ottawa, Ont.   | 683<br>463     | 1889 Wood<br>Maccan, N.S.   | Frt.  | Halifax, N.S.<br>18-12-19<br>14-1-20                         | N. A. C.<br>A. MelD.<br>G. E. D.                    | 27-2-20<br>19-12-20  | Ser<br>80                                  | Foreign going.                        | Tyce & Beattie, Halifax, N.S.                                      |
| Lafona<br>112225 St. John, N.B.   | 29             | 1902 Wood<br>St. John, N.B.   | Tug.  | St. John, N.B.<br>10-6-19                                    | W. J. V.  | 10-6-19<br>10-6-20   | Tw. Ser.<br>12                             | Musquash Head and Cape Spencer.       | St. John River Log Driving Co., Fredericton, N.B.                  |
| Laura A.<br>116989 Kenora, Ont.   | 26             | 1905 Wood<br>17 Port Frances, Ont.  | Tug.  | Port Frances, Ont.<br>21-5-19                                | W. J. V.  | 27-5-19<br>21-5-20   | Ser<br>6                                   | Rainy Lake and River.                 | George Allen, Fort Frances, Ont.                                   |
| Laurentian<br>113641 Quebec, P.Q.   | 355<br>155     | 1902 Steel<br>Hull, Eng   | Boat Ser.                                     | Dartmouth, N.S.<br>14-4-19                                   | A. MelD   | 17-4-19<br>4-4-20  | Ser<br>61-4                                | Coasting.                             | The Minister of Marine and Fisheries, Ottawa, Ont.                 |
| Lauson<br>126843 Quebec, P.Q.   | 419<br>281     | 1910 Steel<br>Levis, P.Q.   | Frt and<br>pass. 400                          | Quebec, P.Q.<br>16-4-19<br>1-5-19                            | J. A. S.<br>P. D.                                   | 3-5-19<br>1-5-20   | Ser<br>32-7                                | Quebec and Levis.                     | La Traversée de Levis, Levis, P.Q.                                 |
| Lavaltrie<br>133966 Sorel, P.Q.   | 213<br>82      | 1911 Steel<br>Sorel, P.Q.   | Tug.  | Sorel, P.Q.<br>18-7-19                                       | F. N. H.  | Not issued.  | Tw. Ser.<br>40-3                           | St. Lawrence River.                   | Naval Service, Ottawa, Ont.  |
| Le Pas<br>138064 Ottawa, Ont.   | 17             | 1916 Wood<br>11 Port Coulonge, P.Q.   | Ferry and<br>Pass.<br>10                      | Port Coulonge, P.Q.<br>21-5-19<br>16-7-19                    | J. E. L.<br>M. R. D.                                | Not issued.  | Strm. whl.                                 | Port Coulonge and Le Pas.             | Theophile Vaillancourt, Fort Coulonge, P.Q.                        |
| Le Pas.<br>138414 Winnipeg, Man.  | 23<br>16       | 1914 Wood.<br>Seldkrk, Man.   | Tug.  | Cumberland House, Sask.<br>4-9-19                            | J. T. M.  | Not issued.  | Ser<br>3                                   | Saskatchewan River.                   | The Minister of Public Works Ottawa, Ont.                          |
| Le Progrès<br>134458 Quebec, P.Q.   | 465            | 1914 Steel<br>Levis, P.Q.   | Pass. and<br>Frt 550                          | Three Rivers, P.Q.<br>7-9-19                                 | F. X. H.<br>P. D.                                   | 7-9-19<br>7-9-20   | Ser<br>37-5                                | Three Rivers and Ste. Angèle.         | Corporation of the Town of Three Rivers, P.Q.                      |
| Le Quésnoy<br>137010 Toronto, Ont.  | 2,742<br>1,670 | 1919 Steel<br>Toronto, Ont.   | Frt.  | Quebec, P.Q.<br>3-4-19<br>2-4-19                             | J. A. S.<br>P. D.                                   | Not issued.  | Ser<br>147                                 | Quebec and New York.                  | The Nova Scotia Transportation Co., Toronto, Ont.                  |
| Le Roi<br>117112 Vancouver, B.C.  | 196<br>133     | 1905 Wood<br>Vancouver, B.C.  | Tug.  | Vancouver, B.C.<br>27-1-20                                   | A. F.   | 26-4-20<br>26-1-21   | Ser<br>51-5                                | Coasting.                             | T. J. Kieckham, Vancouver, B.C.                                    |
| Lesbro<br>122894 Victoria B.C.  | 323<br>198     | 1908 Wood<br>Victoria, B.C.   | Frt and<br>pass. 9                            | Victoria, B.C.<br>2-9-19<br>8-9-19                           | B. M.<br>B. M.                                      | 9-9-19<br>1-9-20   | Ser<br>22-5                                | Victoria and Queen Charlotte Islands. | Crescent Shipping Co., Ltd., Victoria, B.C.                        |
| Leighton McCarthy<br>112533 Collingwood, Ont.   | 36             | 1904 Wood<br>25 Collingwood, Ont.   | Fishing tug.                                  | Collingwood, Ont.<br>28-10-19                                | P. W. L.  | 29-10-19<br>28-10-20   | Ser<br>10-6                                | Georgian Bay.                         | F. and S. Drever, Collingwood, Ont.                                |



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|  |                 |       |  |                       |                                   |                     |                      |                 |  |   |
|--|-----------------|-------|--|-----------------------|-----------------------------------|---------------------|----------------------|-----------------|--|---|
| Levis<br>126842                          | Quebec, P.Q.    | 419   | 1910 Steel.<br>Lévis, P.Q.                     | Pass. and<br>Frt. 400 | Quebec, P.Q.<br>17-4-19           | J. A. S.<br>P. D.   | 3-5-19<br>1-5-20     | Ser. 32.7       | Quebec and Levis.....                    | La Traversé de Lévis, Lévis,<br>P.Q.                |
| Liard River<br>(intended) Winnipeg, Man. | 1919 Wood       | 113   | 1919 Wood                                      | Frt. ....             | Fort Smith<br>1-5-19              | J. T. M.            | Not issued.          | Strm. whl. .... | Ft. Simpson and Fort<br>Laird.           | Hudson's Bay Company,<br>London, Eng.               |
| Liberty<br>116279                        | Halifax, N.S.   | 77    | 1903 Wood.<br>Sheet Hbr., N.S.                 | Lighter.....          | Dartmouth, N.S.<br>14-10-19       | N. A. C.            | 15-10-19<br>14-10-20 | Ser. 18.3       | Halifax Harbour.....                     | Militia Dept., Ottawa, Ont.                         |
| Lille<br>85943                           | Chatham, N.B.   | 96    | 1883 Wood<br>1907 Rebuilt.                     | Tug. ....             | Halifax, N.S.<br>23-22-19         | D. J. M.            | 9-4-20<br>27-1-21    | Ser. 24         | Coasting.....                            | Hendry, Ltd., Halifax, N.S.                         |
| Lillooet<br>122385                       | Victoria, B.C.  | 575   | 1908 Steel.<br>St. John, N.B.                  | Pass. 5               | Esquimalt, B.C.<br>22-4-19        | W. J. C.            | 26-4-19<br>21-4-20   | Tw. Ser. 94     | Victoria and Class II<br>Coasting.       | The Minister of the Naval<br>Service, Ottawa, Ont.  |
| Lilly<br>94985                           | Toronto, Ont.   | 22    | 1890 Wood.<br>1909 Victoria Har-<br>bour, Ont. | Tug. ....             | Victoria Harbour, Ont.<br>8-10-19 | G. M. A.            | 16-10-19<br>30-9-20  | Ser. 3.3        | Victoria Harbour and<br>vicinity.        | Victoria Harbour Lumber<br>Co., Ltd., Toronto, Ont. |
| Lilly Glazier<br>80020                   | St. John, N.B.  | 209   | 1880 Wood.<br>Indian town, N.B.                | Tug. ....             | St. John, N.B.<br>23-4-20         | C. E. D.            | 26-4-19<br>23-4-20   | Pd. 44.9        | Musquash Head and<br>Cape Spencer.       | St. John River Log Driving<br>Co., Devon, N.B.      |
| Lilly May<br>165374                      | Midland, Ont.   | 11    | 1895 Wood.<br>St. John, N.B.                   | Tug. ....             | Penetang, Ont.<br>14-10-19        | G. M. A.            | 20-10-19<br>30-9-20  | Ser. 2          | Penetang and Killarney.                  | Geo. Denis, Penetang, Ont.                          |
| Lina<br>162277                           | Chatham, N.B.   | 26    | 1894 Wood.<br>Black Brook, N.B.                | Tug. ....             | Chatham, N.B.<br>4-8-19           | C. E. D.            | 11-8-19<br>4-8-20    | Ser. 10.7       | Escuminac and Portage<br>Isld.           | A. & R. Loggie, Loggieville,<br>N.B.                |
| Lingan<br>132810                         | Montreal P.Q.   | 4,677 | 1911 Steel.<br>Middleboro, G.B.                | Frt. ....             | Louisburg, N.S.<br>12-4-19        | D. J. M.            | 17-4-19              | Ser. 347        | Foreign-going.....                       | The Lingan S.S. Co., Halifax<br>N.S.                |
| Lintonia<br>126723                       | Peterboro, Ont. | 58    | 1910 Wood.<br>Lakefield, Ont.                  | Pass. 225             | Lindsay, Ont.<br>20-8-19          | T. P. T.<br>W. E.   | 11-6-20<br>10-7-20   | Ser. 8.2        | Trent Valley Canal and<br>Bay of Quinte. | C. F. Gray, Lakefield, Ont.                         |
| Lisgar<br>126493                         | Montreal, P.Q.  | 210   | 1909 Steel.<br>Sorel, P.Q.                     | Tug. ....             | Pictou, N.S.<br>6-9-19            | N. A. C.            | 7-6-19<br>16-5-20    | Ser. 46.8       | Coasting.....                            | Minister of Public Works,<br>Ottawa, Ont.           |
| Little Ada<br>47565                      | Quebec, P.Q.    | 236   | 1863 Composite.<br>Renfrew, G.B.               | Tug. ....             | Pictou, N.S.<br>7-7-19            | N. A. C.<br>A. McD. | 9-7-19<br>7-7-20     | Ser. 40         | Pictou and coastwise....                 | The St. Lawrence Lumber<br>Co., Quebec, P.Q.        |
| Little Boies<br>111459                   | Winnipeg, Man.  | 13    | 1890 Wood.<br>Bay City, Mich.                  | Pass. 10              | Lac du Bonnet, Man.<br>21-7-19    | W. J. V.            | Not issued.          | Ser. 1          | Lac du Bonnet and Pin-<br>awa.           | The Winnipeg Electric Ry.,<br>Winnipeg, Man.        |
| Lizbeth<br>127447                        | Kenora, Ont.    | 25    | 1909 Wood.<br>Selkirk, Man.                    | Fishing tug           | Port Frances, Ont.<br>20-5-19     | W. L. V.            | 27-5-19<br>20-5-20   | Ser. 3.5        | Rainy Lake and River..                   | Peter L. Calder, Fort Fran-<br>ces, Ont.            |
| Llano<br>111565                          | Toronto, Ont.   | 14    | 1900 Composite.<br>Toronto, Ont.               | Pass. ....            | Braacebridge, Ont.<br>25-8-19     | G. M. A.            | Not issued.          | Ser. 7          | Muskoka Lakes.....                       | Chas. W. Archer, Bruce-<br>bridge, Ont.             |
| Lo Olbsee<br>130856                      | Vancouver, B.C. | 40    | 1911 Wood.<br>Vancouver, B.C.                  | Pass. 75              | Vancouver, B.C.<br>24-4-19        | A. F.               | 7-5-19<br>23-4-20    | Ser. 3          | Vancouver and Indian<br>River.           | The Harbour Shipping Co.,<br>Ltd., Vancouver, B.C.  |
| Lolita<br>121836                         | St. John, N.B.  | 14    | 1897 Wood.<br>Boston, Mass                     | Yacht.....            | St. John, N.B.<br>21-8-19         | C. E. D.            | Not issued.          | Ser. 5          | St. John River.....                      | Lorne Whelphrey, Carter's<br>Point, N.B.            |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'enregistrement. | Tonnage.   | Where and When Built—Material.<br>Année et lieu de construction—Nature de la coque. | Tug.—No of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales inspecteurs. | Certificate Issued—Expires.<br>Certificat: Délivrance—Expiration. | Propulsion—N. I. P.<br>Propulsion—N. en I. P. | Route.                             | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|------------|---|---|--|---|---|---|------------------------------------|--|
| Long Sault, Sorel, P. Q.<br>126853  | 69<br>28   | 1911 Wood.<br>Sorel, P. Q.  | Tug.  | Sorel, P. Q.<br>10-4-19                                      | F. X. H.  | 23-4-19<br>10-4-20  | Ser.<br>28-1                                  | St. Lawrence Ports.                | Lachance, Limitée, Quebec, P. Q.                                   |
| Longueuil<br>90531  | 365<br>230 | 1884 Wood.<br>Montreal, P. Q.   | Ferry<br>560                                | Montreal, P. Q.<br>10-4-19                                   | J. E. L.<br>P. D.                               | 19-4-19<br>10-4-20  | PdL.<br>43-2                                  | Montreal and Longueuil.            | Canada Steamship Lines, Montreal, P. Q.                            |
| Lorancia<br>126485  | 346<br>205 | 1909 Wood.<br>Valleyfield, P. Q.  | Pass.<br>90                                 | Montreal, P. Q.<br>14-4-19<br>25-4-20                        | J. E. L.<br>P. D.                               | 13-5-19<br>25-4-20  | Tw. ser.<br>27                                | Montreal and Valleyfield.          | The Sicotte & Co., Valleyfield, P. Q.                              |
| Loos<br>141344  | 357<br>136 | 1918 Steel.<br>Montreal, P. Q.  | Govt. Ser.                                  | Halifax, N. S.<br>25-4-19                                    | D. J. M.<br>A. McD.                             | 27-5-19<br>25-4-20  | Ser.<br>62                                    | Coasting.                          | The Minister of Marine and Fisheries, Ottawa, Ont.                 |
| Lord Strathcona<br>99478  | 495<br>76  | 1902 Steel.<br>South Shields, G. B.   | Tug and Pass.<br>37                         | Quebec, P. Q.<br>22-4-19<br>19-5-19                          | J. A. S.<br>P. D.                               | 19-5-19<br>22-4-20  | Tw. ser.<br>212-46                            | Montreal and Gulf.                 | Quebec Salvage and Wrecking Co., Montreal, P. Q.                   |
| Lord Woolseley<br>116723  | 73<br>50   | 1905 Wood.<br>Parrsboro, N. S.  | Tug.  | Halifax, N. S.<br>21-2-20                                    | D. J. M.  | 20-3-20<br>21-2-21  | Ser.<br>17                                    | Coasting.                          | Furness Withy Co., Halifax N. S.                                   |
| Loretta<br>122480   | 75<br>31   | 1907 Composite.<br>Toronto, Ont.  | Tug.  | Ottawa, Ont.<br>22-4-19                                      | J. E. L.  | 28-4-19<br>22-4-20  | Ser.<br>13-5                                  | Rideau Canal.                      | Dept. of Railways and Canals, Ottawa, Ont.                         |
| Lorne<br>94809  | 288<br>159 | 1889 Wood.<br>Victoria, B. C.   | Tug.  | Prince Rupert, B. C.<br>26-6-19                              | B. M.   | 27-6-19<br>25-6-20  | Ser.<br>113-7                                 | Coasting.                          | G. T. P. Ry., Montreal, P. Q.                                      |
| Lornet<br>133695  | 79<br>39   | 1901 Wood.<br>Ballard, Wash.  | Tug.  | Vancouver, B. C.<br>20-12-19                                 | A. F.   | 20-12-19<br>19-12-20  | Ser.<br>14                                    | Coasting.                          | A. McKenzie, Victoria, B. C.                                       |
| Lothière<br>126458  | 146<br>47  | 1902 Wood.<br>Sorel, P. Q.  | Tug.  | Sorel, P. Q.<br>13-5-19                                      | F. X. H.  | Not issued.   | Tw. ser.<br>40                                | St. Lawrence River.                | Minister of Marine and Fisheries, Ottawa, Ont.                     |
| Lottie and Marguerite<br>126341   | 32<br>22   | 1908 Wood.<br>Shelburne, N. S.  | Frt. & pass.<br>12                          | Weymouth<br>1-4-19   | N. A. C.  | 10-4-19<br>1-4-20   | Ser.<br>8-2                                   | Weymouth and Tiverton              | St. Mary's Bay S. S. Co. Little River, N. S.                       |
| Louis Joseph<br>126331  | 61<br>46   | 1911 Wood.<br>Ste. Anne, P. Q.  | Pass.<br>26                                 | Chicoutimi<br>17-9-19<br>6-8-19                              | J. A. S.<br>P. D.                               | 22-9-19<br>17-9-20  | Tw. ser.<br>4-2                               | Chicoutimi and Les Terres Rompues. | E. Gagnon, Ste. Anne, P. Q.  |
| Louisa<br>100125  | 13<br>9    | 1902 Wood.<br>Wallaceburg, Ont.   | Tug.  | Midland, Ont.<br>9-10-19                                     | G. M. A.  | 16-10-19<br>30-9-20   | Ser.<br>5                                     | Midland and Byng Inlet             | Fred'k Bruce Wallace, Midland, Ont.                                |
| Low Bush,<br>138503   | 118<br>65  | 1917 Wood.<br>Low Bush, Ont.  | Tug.  | Abitibi, Ont.<br>15-8-19                                     | J. E. L.  | Not issued.   | PdL.<br>7                                     | Lake Abitibi.                      | Abitibi Power & Paper Co., Montreal, P. Q.                         |
| Lubec,<br>141142  | 51<br>25   | 1891 Wood.<br>Portland, Me.   | Pass.<br>Ferry.                             | Eastport, Me.<br>27-9-19<br>27-9-19                          | C. E. D.<br>W. R. B.                            | 29-9-19<br>5-9-20   | Ser.<br>14-1                                  | Passamaquoddy Bay.                 | Passamaquoddy Ferry and Nav. Co., Lubec, Me.                       |

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|   |            |  |             |                                     |                        |                      |           |   |   |  |
|---|------------|--|-------------|-------------------------------------|------------------------|----------------------|-----------|---|---|--|
| Lucia,<br>103909 Montreal, P.Q.             | 54<br>1    | 1898 Wood.<br>Sorel, P.Q.<br>1913 Rebuilt.<br>Sorel, P.Q.<br>1905 Wood.<br>22 Fortneuf, P.Q. | Tug.        | Montreal, P.Q.<br>3-7-19            | J. B. S.               | 7-7-19<br>3-7-20     | Ser. 28   | Welland Canal and Toronto.              | Mrs. H. M. Plummer, Montreal, P.Q.                  |  |
| Lucina,<br>121608 Quebec, P.Q.              | 32         | 1905 Wood.<br>22 Fortneuf, P.Q.  | Tug.        | Three Rivers, P.Q.<br>5-8-19        | F. X. H.               | 11-8-19<br>5-8-20    | Ser. 3-3  | Three Rivers Harbour.                   | L. E. Dufresne and Machillon, Three Rivers, P.Q.    |  |
| Luckenow<br>88623 Midland, Ont.             | 256<br>174 | 1870 Wood.<br>S. Sagenway, Mich.<br>1916 Midland, Ont.                                       | Tug.        | Midland, Ont.<br>24-9-19            | G. M. A.               | 24-9-19<br>24-9-20   | Ser. 69   | Georgian Bay and Lake Huron.            | Midland Transportation Co. Ltd., Midland, Ont.      |  |
| Luctador (ex. C.D. 46)<br>(not registered)  | 101<br>28  | 1917 Wood.<br>Levis, P.Q.  | Frt.        | Halifax, N.S.<br>14-11-19           | N. A. C.               | 1-3-20<br>10-11-20   | Ser. 24   | Foreign going.                          | Empreza de Pesca Namense Limitada, Portugal.        |  |
| Ludlow<br>121831 St. John, N.B.             | 534<br>363 | 1905 Steel.<br>St. John, N.B.  | Ferry       | St. John, N.B.<br>1-11-19           | C. E. D.<br>W. R. B.   | 8-12-19<br>1-11-20   | Ser. 33-2 | St. John Harbour.                       | Corporation of the City of St. John, N.B.           |  |
| Luella,<br>80651 Toronto, Ont.              | 38<br>20   | 1880 Wood.<br>Toronto, Ont.<br>1912 Toronto, Ont.  | Ferry       | Toronto, Ont.<br>30-4-19<br>19-5-19 | J. B. S.<br>W. E.      | 4-0-19<br>30-5-20    | Ser. 2-7  | Toronto Bay.                            | Toronto Ferry Co., Ltd., Toronto, Ont.              |  |
| Lula May<br>130232 Port Stanley, Ont.       | 34<br>23   | 1910 Wood.<br>Collingwood, Ont.  | Tug.        | Port Stanley, Ont.                  | J. B. S.               | 18-9-19              | Ser. 5    | Lake Erie.                              | Albert E. Vary, Port Stanley, Ont.                  |  |
| Lula Bddy.<br>116250 Sault Ste. Marie, Ont. | 29<br>18   | 1888 Wood.<br>West Bay City, Mich.<br>1909 Rebuilt.<br>Collingwood, Ont.                     | Tug.        | Toronto, Ont.<br>23-9-19            | G. M. A.               | 23-9-19<br>23-9-20   | Ser. 7    | Toronto Harbour.                        | C. S. Boone Dredge & Const. Co., Toronto, Ont.      |  |
| Lurcher (Lightship)<br>Ottawa, Ont.         | 396<br>203 | 1903 Steel.<br>Toronto, Ont.   | Govt. Ser.  | Yarmouth, N.S.<br>4-9-19            | N. A. C.<br>D. K. O.B. | 22-9-19<br>4-9-20    | Ser. 16   | Stationed off Yarmouth                  | The Minister of Militia and Fisheries, Ottawa, Ont. |  |
| Lynn B.<br>130975 Ottawa, Ont.              | 124<br>84  | 1913 Wood.<br>Midland, Ont.  | Tug.        | Pt. Dalhousie, Ont.<br>21-10-19     | J. B. S.               | 19-12-19<br>21-10-20 | Ser. 37   | New Weller Canal and Lake Ontario.      | The Minister of Railways and Canals, Ottawa, Ont.   |  |
| <b>M</b>                                    |            |  |             |                                     |                        |                      |           |   |   |  |
| McLean<br>138070 Ottawa.                    | 14<br>9    | 1916 Steel.<br>Ottawa.   | Ferry       | Quyon, P.Q.<br>20-5-19              | J. E. L.<br>P. D.      | 3-7-19<br>20-5-20    | Pull. 1   | Quyon and Fitzroy.                      | Wm. H. McLean, Quyon.                               |  |
| M. F. B.<br>128750 Yarmouth.                | 328<br>168 | 1919 Wood.<br>Wedgeport.   | Trawler     | Yarmouth.<br>26-6-19                | N. A. C.               | 25-4-19<br>18-3-20   | Ser. 46   | Coasting.                               | N. Rafuse, Conquerall Bank, N.S.                    |  |
| M. C. M.<br>134119 New Westminster, B.C.    | 73<br>40   | 1914 Wood.<br>New Westminster, B.C.  | Tug.        | New Westminster, B.C.<br>11-3-20    | A. A. F.               | 27-4-20<br>10-3-21   | Ser. 16   | New Westminster and Straits of Georgia. | Jos. Mayers, New Westminster.                       |  |
| M. T. C. No. 1<br>130797 Vancouver, B.C.    | 20<br>14   | 1900 Wood.<br>Beach, Wash.   | Tug.        | Vancouver, B.C.<br>25-8-19          | A. F.                  | 3-9-19<br>25-8-20    | Ser. 6    | Vancouver harbour.                      | A. M. Snider, Vancouver, B.C.                       |  |
| M. E. Hackett<br>103137 Quebec, P.Q.        | 78<br>33   | 1894 Wood.<br>Quebec, P.Q.   | Tug.        | Quebec, P.Q.<br>2-4-19              | J. A. S.               | 22-4-19<br>2-4-20    | Ser. 11   | Ottawa's Island and Cape Rouge.         | Wm. Hackett & Sons, Quebec, P.Q.                    |  |
| M. G. McDonald<br>106571 Collingwood, Ont.  | 35<br>24   | 1895 Wood.<br>Collingwood, Ont.<br>1914 Warton, Ont.   | Fishing tug | Blind River, Ont.<br>18-10-19       | P. W. L.               | 28-10-19<br>18-10-20 | Ser. 9-6  | North Channel and Georgian Bay.         | J. P. McDonald, Blind River, Ont.                   |  |
| M. Sigognone<br>138447 Weymouth.            | 276<br>161 | 1918 Wood.<br>Churches Point.  | Frt.        | Gilbert's Cove.<br>2-4-18<br>4-4-18 | N. A. C.<br>A. McD.    |                      | Ser. 28   | Coasting.                               | B. N. Melanson, Gilbert's Cove.                     |  |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Noms des propriétaires—Port de l'enregistrement. | Tonnage.   | Where and When Built—Material.<br>Année et lieu de construction—Matériau de la coque. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate Issued—Expiry.<br>Certificat: Délivrance—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. en H. P. | Route.                               | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|--|------------|---|---|--|---|--|---|--------------------------------------|--|
| M. Sicken, 10992 Toronto, Ont.   | 284<br>161 | 1884 Wood<br>Marine City, Mich.   | Frc.  | Sarnia, Ont.<br>11-4-19<br>P. Dallouste, Ont.<br>21-4-19     | J. D.<br>W. E.                                      | 23-5-19<br>21-4-20   | Ser. 35                                       | Sault Ste. Marie and<br>Quebec.      | Robt. J. Weddell, Trenton,<br>Ont.                                 |
| Maugen, 126557 New Westminster, B.C.   | 45<br>31   | 1909 Wood<br>Vancouver, B.C.  | Tug.  | Vancouver, B.C.<br>18-12-19                                  | A. F.   | 20-12-19<br>12-12-20   | Ser. 12-6                                     | Vancouver and Straits<br>of Georgia. | Maugen Towing Co., Ltd.,<br>Vancouver, B.C.                        |
| Macassa, 93932 Hamilton, Ont.  | 528<br>234 | 1888 Steel Glasgow;<br>lengthened 1905<br>Collingwood Ont.                            | Pass.<br>712 S.<br>73 W.                      | Toronto, Ont.<br>27-3-20<br>22-3-20                          | G. M. A.<br>M. R. D.                                | 1-4-20<br>29-3-21  | Tw. ser. 85-7                                 | Toronto, Grimsby and<br>Hamilton.    | Canada S.S. Lines Ltd.,<br>Montreal, P.Q.                          |
| McCulloch, 117117 Vancouver B.C.   | 39         | 1905 Wood<br>Vancouver, B.C.  | Tug.  | Vancouver, B.C.<br>7-5-19                                    | A. F.   | 23-5-19<br>6-5-20  | Ser. 12-9                                     | Prince Rupert and<br>Georgetown.     | Cyrus W. Peck and Donald<br>M. Moore, Prince Rupert,<br>B.C.       |
| McKenzie River, 130279 Winnipeg, Man.  | 412        | 1909 Composite<br>Fort Smith, N.W.T.  | Frc.<br>pass. 40                              | Fort Smith, N.W.T.<br>23-6-19                                | J. T. M.  | 25-6-19<br>7-9-20  | Strn pdl. 9-6                                 | Fort Smith to Port<br>McPherson.     | Indians Bay Co., London,<br>Eng.                                   |
| McLean, 138070 Ottawa, Ont.  | 14<br>8    | 1916 Steel<br>Ottawa, Ont.  | Pass.<br>10                                   | Qayom, P.Q.<br>20-5-19                                       | J. B. L.  | 3-7-19<br>20-5-20  | Pull. 2                                       | Qayom and Fitzroy.....               | Wm. H. McLean, Qyom,<br>P.Q.                                       |
| Macain, 133199 Montreal, P.Q.  | 250<br>60  | 1918 Wood<br>Sorel, P.Q.  | Tug.  | Sorel, P.Q.<br>8-4-19  | P. D.<br>P. X. II.                                  | 28-4-19<br>8-4-20  | Ser. 63                                       | Lakes, Rivers and<br>Coasting.       | The Sincennes-McNaughton<br>Line, Montreal, P.Q.                   |
| Macainco, 138508 Montreal, P.Q.  | 140<br>22  | 1918 Wood<br>Sorel.   | Tug.  | Sorel, P.Q.<br>19-4-19                                       | P. X. II.   | 29-4-19<br>19-4-20   | Ser. 51                                       | Montreal Harbour.....                | The Sincennes-McNaughton<br>Line, Montreal, P.Q.                   |
| Madras, 121984 Victoria, B.C.  | 155<br>77  | 1907 Steel<br>Esquimalt, B.C.   | Quarantine<br>tender.                         | Victoria, B.C.   | W. J. C.  | 13-9-19<br>11-9-20   | Ser. 31-6                                     | Victoria and Vancouver.              | Minister of Agriculture,<br>Ottawa.                                |
| Madeline A., 130624 Yarmouth, N.S.   | 39<br>27   | 1912 Wood<br>Malone Bay, N.S.   | Pass. 40<br>Fish g boat.                      | Mulgrave, N.S.<br>29-7-19                                    | D. J. M.  | 8-8-19<br>29-7-20  | Ser. 14                                       | Coasting.....                        | The Leonard Fisheries, Port<br>Hawkesbury, N.S.                    |
| Maganowan, 122334 Toronto, Ont.  | 25<br>13   | 1901 Wood<br>Monroe, Mich.  | Tug.  | Byng Inlet,<br>22-7-19                                       | G. M. A.  | 29-7-19<br>22-7-20   | Ser. 5-6                                      | Byng Inlet river.....                | W. E. Bigwood, Toronto,<br>Ont.                                    |
| Magdalen, 85405 Magdalen Islands.  | 135<br>65  | 1906 Wood<br>Sheburne, N.S.   | Pass.<br>Frc. 40                              | Halifax, N.S.<br>28-4-19<br>2-5-19                           | D. J. M.<br>A. McD.                                 | 3-5-19<br>28-4-20  | Ser. 28-2                                     | Mulgrave and Arichat...              | W. G. Leslie, Magdalen<br>Islands.                                 |
| Magedonn, 118465 London.   | 138<br>65  | 1901 Steel<br>Wilmington, Del.  | Yacht.  | Brookville, Ont.<br>25-6-19                                  | T. P. T.  | 28-6-19<br>10-6-20   | Ser. 29                                       | St. Lawrence River.....              | George F. Fulford, Brook-<br>ville, Ont.                           |
| Maggio K., 131192 Ottawa Ont.  | 25         | 1912 Wood<br>Buckingham, T.Q.   | Tug.  | Calander, P.Q.<br>14-6-19                                    | J. T. G.  | Not issued.  | Ser. 5  | Lake Nipissing.....                  | The Minister of Public<br>Works, Ottawa, Ont.                      |
| Maggio M., 94752 St. John, N.B.  | 66<br>45   | 1888 Wood<br>1917 Rebuilt,<br>N. Sydney, N.S.   | Tug.  | North Sydney, N.S.<br>16-4-19                                | D. J. M.  | Not issued.  | Ser. 30                                       | Coasting.....                        | Alex. Gordon, North Syd-<br>ney, N.S.                              |

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|                                |       |  |   |                      |             |          |   |
|--------------------------------|-------|--|---|----------------------|-------------|----------|---|
| Maggie Marshall.<br>141454     | 570   | 1873 Wood,<br>Manistee, Mich.            | Dartmouth, N.S.                             | N. A. C.<br>A. McD.  | 3-12-19     | 3-12-20  | Maritime Wrecking Co.,<br>Halifax, N.S.                     |
| Maggie Miller<br>100086        | 146   | 1902 Wood,<br>Rebuilt,<br>Millidgeville. | Millidgeville, N.B.                         | C. E. D.<br>W. R. B. | 25-4-19     | 25-4-20  | White and Giggy, Millidge-<br>ville, N.B.                   |
| Maida Vale.<br>103365          | 19    | 1914 St. John,<br>St. John's, Ont.       | Peterboro, Ont.                             | T. P. T.             | Not issued. |          | N. T. Laplante, Peterboro,<br>Ont.                          |
| Maid of the Mist.<br>90692     | 62    | 1885 Wood,<br>Niagara Falls, Ont.        | Niagara Falls,<br>7-5-19                    | J. B. S.<br>W. E.    | 16-5-19     | 15-5-20  | Maid of the Mist Steam-<br>boat Co., Niagara Falls,<br>Ont. |
| Maisonneuve.<br>138224         | 79    | 1916 Wood,<br>Sorel.                     | Sorel, P. Q.                                | F. X. H.             | 5-5-19      | 29-4-20  | J. Paquette, Champlain,<br>P. Q.                            |
| Majestic.<br>107663            | 275   | 1899 Steel,<br>Toronto, Ont.             | St. John, N.B.                              | C. E. D.<br>W. R. B. | 19-4-19     | 7-4-20   | Crystal Stream SS. Co.,<br>South Bay, N.B.                  |
| Major.<br>134263               | 2,149 | 1889 Wood,<br>West Bay City              | Midland, Ont.                               | G. M. A.<br>S. D. A. | 9-5-19      | 7-5-20   | Great Lakes Transportation<br>Co., Midland, Ont.            |
| Malton.<br>130439              | 1,650 | 1888 Composite,<br>Detroit, U.S.A.       | Montreal, P. Q.<br>Port Colborne,<br>7-6-19 | J. E. L.<br>W. E.    | 27-7-19     | 7-6-20   | A. E. Matthews, Toronto,<br>Ont.                            |
| Manita.<br>107875              | 34    | 1900 Wood,<br>Bobacagon, Ont.            | Young's Point, Ont.                         | T. P. T.<br>W. E.    | 4-10-19     | 10-7-20  | F. G. Young, Peterboro,<br>Ont.                             |
| Manitoba.<br>94870             | 2,616 | 1889 Steel,<br>Owen Sound, Ont.          | Port McNicoll, Ont.                         | G. M. A.<br>S. D. A. | 16-5-19     | 1-5-20   | Canadian Pacific Railway,<br>Montreal.                      |
| Manitou.<br>107140             | 470   | 1903 Wood,<br>Goderich, Ont.             | Owen Sound, Ont.                            | P. W. L.<br>S. D. A. | 25-4-19     | 10-4-20  | Dominion Fish Co., Winni-<br>peg, Man.                      |
| Manitou.<br>111451             | 108   | 1910 Wood,<br>Winnipeg.                  | Fishing tug,<br>Winnipeg.                   | W. J. V.             | 14-8-19     | 14-8-20  | Armstrong Trading Co.,<br>Portage la Prairie.               |
| Maplegrove.<br>141378          | 1,057 | 1889 Wood,<br>Marine City, Mich.         | Pt. Dalhousie, Ont.                         | J. B. S.             | 25-8-19     | 5-7-20   | The Beaver SS. Co., Ltd.<br>Montreal, P. Q.                 |
| Margaret.<br>122123            | 195   | 1900 Wood,<br>Sheet Harbour.             | Halifax, N.S.                               | D. J. M.<br>A. McD.  | 9-9-19      | 31-1-20  | Halifax and Sheet Harbour<br>S.S. Co., Halifax, N.S.        |
| Margaret.<br>135068            | 756   | 1914 Steel,<br>Southampton, G.B.         | Halifax, N.S.                               | N. A. C.<br>A. McD.  | 3-5-19      | 28-4-20  | The Minister of Customs,<br>Ottawa, Ont.                    |
| Margaret A. Hackett.<br>131016 | 192   | 1913 Wood,<br>Quebec.                    | Ogdensburg, N.Y.                            | T. P. T.             | 2-5-19      | 1-5-20   | George Hall Coal Co.,<br>Montreal, P. Q.                    |
| Margaret L.<br>126649          | 40    | 1918 Wood,<br>Port Dover, Ont.           | Port Dover, Ont.                            | J. B. S.             | 28-10-19    | 23-10-20 | T. H. Low, Port Dover.                                      |
| Margaret Q.<br>138025          | 24    | 1914 Wood,<br>Kenora.                    | Rainy River, Ont.                           | W. J. V.             | 10-6-19     | 10-6-20  | John Quick, Harris Hill,<br>Ont.                            |

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TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Nombres officiels—Ports d'enregistrement. | Tonnage.       | Where and When Built—Material.<br>Année et lieu de construction—Nature de la coque. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate Issued—Expires.<br>Certificat—Délivrance—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. en H. P. | Route.                                     | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|----------------|---|---|--|---|--|---|--|--|
| Margaretville.<br>126804 Annapolis, N.S.  | 107<br>46      | 1910 Wood.<br>Margaretsville.   | Frt.  | Mulgrave, N.S.<br>29-7-19                                    | D. J. M.  | 8-8-19<br>29-7-20  | Ser. 19 3                                     | Coasting.                                  | Maritime Fish Corporation,<br>Canso, N.S.                          |
| Marian W (Ex Byron Whit-<br>sart).<br>13445 Montreal, P.Q.  | 1,539          | 1890 Wood.  | Frt.  | Quebec.<br>22-4-19<br>18-4-19                                | J. A. S.<br>P. D.                                   | 22-4-19<br>22-4-20   | Ser. 90                                       | Quebec and Lake Erie.                      | SS. Marion, W. Ltd., Quebec,<br>P.Q.                               |
| Mario Louise.<br>92754 Quebec, Q.   | 960            | Mount Clement, Mich.  | Pass.   | St. Anne de Chicoutimi<br>P.Q.<br>16-6-19<br>8-8-19          | J. A. S.<br>P. D.                                   | 25-6-19<br>10-6-20   | PdL 28 2                                      | Saguenay river and<br>Quebec.              | E. Gagnon, St. Anne de<br>Chicoutimi, P.Q.                         |
| Marie Express No. 1,<br>133854 Vancouver, B.C.  | 65<br>44       | 1889 Wood.<br>Vancouver, B.C.   | Pass.   | 8-8-19<br>3-3-19   | H. G. R.  | 23-5-19<br>30-9-19   | Ser. 15 6                                     | Vancouver and Howe<br>Sound.               | Marine Navigation and Eng-<br>ineering Co., Vancouver,<br>B.C.     |
| Marion.<br>58657 Halifax, N.S.  | 478<br>269     | 1876 Wood.<br>New York, U.S.A.  | Pass frt.<br>134                              | North Sydney,<br>19-4-19<br>7-5-19                           | D. J. M.<br>A. MeD.                                 | 12-5-19<br>18-4-20   | PdL 43 2                                      | Sydney and Bras D'Or<br>Lakes.             | Bras d'Or Steamboat Co.,<br>Sydney, N.S.                           |
| Marion F. Trotter.<br>116318 Amherstburg.   | 49<br>36       | 1881 Wood.<br>Detroit, Rebuilt  | Tug.  | Amherstburg.<br>24-10-19                                     | J. D.   | 24-10-19   | Screw 13                                      | Detroit River and Shel-<br>tered waters.   | F. Trotter, Amherstburg.   |
| Marion Irving.<br>116682 Richibucto, N.B.   | 41<br>22       | 1908 Wood.<br>Bacouche, N.B.  | Tug.  | Bathurst<br>15-5-19  | C. E. D.<br>C. E. D.                                | 7-6-19<br>15-5-20<br>10-10-19                                    | Ser. 10                                       | Inside Roehette Pt. and<br>Grindstone, Pt. | Gloucester Lumber & Trad-<br>ing Co., Bathurst, N.B.               |
| Marion L.<br>139283 St. Catharines,<br>Ont.   | 19<br>13       | 1912 Steel.<br>Buffalo, N.Y.  | Pass.   | 2nd insp. 7-10-19<br>9-7-19                                  | J. B. S.<br>3-7-20                                  | 17-7-19<br>9-7-20  | Ser. 4  | Point Abino, and Crystal<br>Beach.         | C. F. Adams, Point Abino,<br>Ont.                                  |
| Marissa.<br>130979 Collingwood, Ont.  | 2,592<br>1,875 | 1890 Steel.<br>Cleveland, Ohio.   | Frt.  | Halifax, N.S.<br>28-6-19<br>2-7-19                           | N. A. C.<br>A. MeD.                                 | 2-7-19<br>2-7-20   | Ser. 191 4                                    | Foreign-going.                             | W. J. Bassett, Toronto.  |
| Marmion.<br>102822 Glasgow, Scot.   | 324<br>124     | 1893 Steel & Iron.<br>Bowline, Scot.  | Frt.  | Seattle.<br>20-11-19   | W. J. C.  | 22-11-19<br>18-11-20   | Ser. 73 9                                     | Victoria and Anyox.                        | Coastwise S.S. & Barge Co.,<br>Vancouver, B.C.                     |
| Marshall W.<br>116973 Chatham.  | 5<br>4         | 1905 Wood.<br>Chatham, N.B.   | Tug.  | Newcastle, N.B.<br>6-8-19                                    | C. E. D.  | Not issued.  | Ser. 4  | Esquimaux and Portage<br>Island.           | Marshall Bryanton, Derby,<br>N.B.                                  |
| Marthello.<br>100871 St. John, N.B.   | 34<br>23       | 1893 Wood.<br>Jemseg, N.B.  | Tug.  | St. John, N.B.<br>29-4-19                                    | C. E. D.  | 30-4-19<br>29-4-20   | Ser. 11 2                                     | St. John river.                            | Jas. Holly and Son, St.<br>John, N.B.                              |
| Martian.<br>131057 Port Arthur, Ont.  | 3,396<br>2,010 | 1901 Steel.<br>Detroit, Mich.   | Frt.  | Goderich, Ont.<br>9-4-19<br>15-4-19                          | J. D.<br>W. E.                                      | 9-5-19<br>8-4-20   | Ser. 169                                      | All lakes and rivers.                      | Canada Interlake Line,<br>Toronto, Ont.                            |
| Marvis.<br>126220 Vancouver, B.C.   | 69<br>47       | 1908 Wood.<br>Vancouver, B.C.   | Tug.  | Vancouver, B.C.<br>22-1-20                                   | A. F.   | 31-1-20<br>1-12-21   | Ser. 19 5                                     | Vancouver and Straits<br>of Georgia.       | Pacific Construction Co.<br>Vancouver, B.C.                        |
| Mary.<br>71214 Montreal, Q.   | 53<br>34       | 1875 Wood.<br>Port Huron, Mich.   | Tug.  | Kingston, Ont.<br>14-5-19                                    | T. P. T.  | 23-5-19<br>4-5-20  | Ser. 37 5                                     | Brighton and Quebec.                       | Montreal Trans. Co., Mon-<br>treal, P.Q.                           |

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|   |  |                      |                                     |                        |                     |               |   |   |
|---|--|----------------------|-------------------------------------|------------------------|---------------------|---------------|---|---|
| Mary<br>117027 Sydney, N.S.                             | 19 1905 Wood.<br>18 Mahone Bay.                                    | Pass.<br>40          | Sydney, N.S.<br>20-8-19<br>24-7-19  | D. J. M.<br>A. McD.    | 30-8-19<br>24-7-20  | Ser.<br>2-81  | Sydney Harbour                              | J. W. Dobson, Sydney, N.S.                              |
| Mary Ellen<br>103821 Cornwall, Ont.                     | 20 1896 Wood.<br>14 Cornwall, Ont.                                 | Tug.                 | Cornwall, Ont.<br>9-9-19            | G. P. T.               | 12-9-19<br>20-8-20  | Ser.<br>6-5   | Cornwall Canal                              | Catherine Jesmer, Cornwall, Ont.                        |
| Mary H. Boyce<br>140994 Toronto, Ont.                   | 864 1888 Wood.<br>478 Saginaw, Mich.                               | Frt.                 | Thorold, Ont.<br>8-9-19             | J. B. S.<br>W. F.      | 12-9-19<br>1-9-20   | Ser.<br>64    | Lakes and rivers                            | Ontario Trans. & Pulp Co. Thorold, Ont.                 |
| Mary H. Cann<br>134164 Yarmouth, N.S.                   | 56 1944 Wood.<br>24 Mahone Bay, N.S.                               | Fishing boat.        | Yarmouth, N.S.<br>4-9-19            | N. A. C.               | 22-9-19<br>4-9-20   | Ser.<br>14-7  | Coasting                                    | H. Cann & Son, Yarmouth.                                |
| Mary I. Robertson<br>131187 Peterborough, Ont.          | 8 1914 Wood.<br>5 Glen Ross, Ont.                                  | Tug.                 | Glen Ross, Ont.<br>21-7-19          | T. P. T.               | 25-8-19<br>22-7-20  | Ser.<br>2-1   | Trent Canal                                 | Robertson & Maloney, Cornwall, Ont.                     |
| Mary L.<br>122345 Toronto, Ont.                         | 9 1907 Wood.<br>6 Penetang, Ont.                                   | Tug.                 | Penetang, Ont.<br>14-10-19          | G. M. A.               | 30-10-19<br>30-9-20 | Ser.<br>6     | Penetang and Pt. Aux Baril (inside channel) | Theophile Light, Penetang, Ont.                         |
| Mary P. Hall<br>121825 Montreal P.Q.                    | 404 1898 Wood.<br>43 Ogdensburg, N.Y.                              | Tug.                 | Kingston, Ont.<br>1-4-19            | T. P. T.               | 25-4-19<br>11-4-20  | Ser.<br>42-6  | Lake Ontario and Quebec                     | Montreal Trans. Co., Montreal, P.Q.                     |
| Mary R.<br>97019 St. Catharines, Ont.                   | 44 1897 Wood.<br>30 Port Colborne, Ont.                            | Tug.                 | Cornwall, Ont.<br>14-10-19          | T. P. T.               | Not issued.         | Ser.<br>10-8  | Morrisburg Canal                            | A. G. Castleman, Cornwall Ont.                          |
| Mary Stewart (ex Burke)<br>D. S.<br>85415 Toronto, Ont. | 97 1882 Wood.<br>47 St. Catharines, Mich.<br>Midland, Ont.<br>1917 | Pass.<br>20          | Toronto, Ont.<br>13-6-19            | G. M. A.               | 28-6-19<br>13-6-20  | Ser.<br>28    | Toronto Harbour                             | The Canadian Stewart Co., Ltd., Toronto, Ont.           |
| Mary Sullivan<br>136631 Charlott, N.B.                  | 29 1910 Wood.<br>10 Douglastown, N.B.                              | Tug.                 | Newcastle, N.B.<br>6-8-19           | C. E. D.               | 11-8-19<br>6-8-20   | Ser.<br>8-2   | Inside Esouminee Village and Portage Id.    | W. M. Sullivan, Redback, N.B.                           |
| Mascotte<br>103549 Lunenburg.                           | 35 1896 Wood.<br>24 Dartmouth, N.S.                                | Pass. tug.<br>35     | Lunenburg, N.S.<br>18-7-19          | N. A. C.<br>A. McD.    | 21-7-19<br>18-7-20  | Ser.<br>18-4  | Lunenburg and Middle Island.                | G. W. Nease, Lunenburg, N.S.—N.B.                       |
| Muskinnonge<br>131422 Liverpool, G.B.                   | 4793 1912 Steel.<br>2,671 Sunderland, G.B.                         | Frt.                 | Halifax, N.S.<br>13-12-19           | N. A. C.<br>D. K. O'B. | 17-12-19<br>5-12-20 | Ser.<br>264-7 | Foreign going                               | Maskinonge S.S. Co., Liverpool.                         |
| Masset<br>14173 New Westminster B.C.                    | 245 1918 Wood.<br>91 New Westminster, B.C.                         | Tug.                 | Vancouver, B.C.<br>21-11-19         | A. F.                  | 3-12-19<br>20-11-19 | Ser.<br>52    | B.C. Coast                                  | West Coast Towing & Salvage Co., Ltd. Vancouver, B.C.   |
| Mather<br>117193 Kenora.                                | 145 1905 Composite.<br>98 Keewatin.                                | Tug.                 | Keewatin.<br>30-4-19                | W. J. V.               | 30-4-19<br>30-4-20  | Ser.<br>33    | Lake of the Woods                           | Keewatin Lumber Co., Keewatin.                          |
| Mathilda<br>107416 Montreal.                            | 115 1899 Steel.<br>70 Sorel, P.Q.                                  | Tug.                 | Sorel, P.Q.<br>10-4-19              | F. X. H.               | 23-4-19<br>10-4-20  | Ser.<br>54    | Montreal Harbour                            | Sincennes-McNaughton line, Montreal, P.Q.               |
| Matsqui<br>136459 Vancouver, B.C.                       | 113 1911 Wood.<br>77 Vancouver, B.C.                               | Frt.                 | Vancouver, B.C.<br>31-7-19          | H. G. R.               | 31-7-19<br>11-7-20  | Ser.<br>10-7  | Vancouver, Victoria and Todd Inlet.         | The Vancouver Portland Cement Co., Ltd., Victoria, B.C. |
| Maud Allan<br>126503 Victoria.                          | 7 1909 Wood.<br>7 Long Lake, B.C.                                  | Tug.                 | Kalamalka Lake<br>19-5-19<br>5-4-19 | W. J. C.               | 19-5-19<br>18-5-20  | Ser.<br>5-5   | Lake Kalamalka                              | Johnson and Carswell, Vernon, B.C.                      |
| Maurice<br>166513 Gaspé, P.Q.                           | 8 1907 Wood.<br>3 Barachois, P.Q.                                  | Tug.                 | Gaspé, P.Q.<br>12-8-19              | J. A. S.               | Not issued.         | Ser.<br>2-7   | Gaspé Harbour                               | A. H. Rheinlander, Gaspé, P.Q.                          |
| Max Aitken<br>138615 Chatham.                           | 83 1918 Wood.<br>36 New Castle, N.B.                               | Frt and Pass.<br>155 | New Castle<br>6-8-19<br>7-8-19      | C. E. D.<br>W. R. B.   | 11-8-19<br>7-8-20   | Ser.<br>12    | Miramichi River                             | New Castle S.S. Co., New Castle, N.B.                   |
| Max L.<br>97109 Port Burwell, Ont.                      | 46 1911 Wood.<br>33 Port Burwell, Ont.                             | Fishing tug.         | Port Burwell, Ont.<br>24-9-19       | J. B. S.               | 1-10-19<br>23-9-20  | Ser.<br>19-4  | Lake Erie                                   | G. A. Van Order, and S. H. Davis, Port Burwell, Ont.    |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Nombres officiels—Ports d'enregistrement. | Tonnage.       | Where and When Built—Material.<br>Ankés et lieu de construction—Nature de la coque. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs | Certificate—Expires.<br>Certificat: Délivrance—Expiration. | Propulsion—N.H.P.<br>Propulsion—N. en H.P. | Route.                            | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|----------------|---|---|--|--|--|--|-----------------------------------|--|
| Maxdower<br>94987 Toronto, Ont.   | 189            | 1890 Steel.   | Ferry.<br>900                                 | Toronto, Ont.<br>14 5 19                                     | J. B. S.   | Not issued.  | PdL.<br>41-7                               | Toronto, Bay.                     | Toronto Ferry Co., Toronto.  |
| Maxira<br>138270 Quebec, P.Q.   | 112            | 1899 Iron   | Frt.  | Quebec, P.Q.<br>2 4 19                                       | J. A. S.   | Not issued.  | Tw. ser.<br>53                             | Quebec and Chicoutimi.            | P. Daigneau, Quebec, P.Q.  |
| Medora<br>100754 Toronto, Ont.  | 377<br>256     | 1893 Composite<br>Gravenhurst, Ont.<br>1902 Gravenhurst.                            | Pass.<br>150                                  | Gravenhurst, Ont.<br>27 5 19<br>28 6 19                      | G. M. A.<br>S. D. A.                               | 2 7 19<br>28 6 20  | Scr.<br>29                                 | Muskoka Lakes.                    | Muskoka Lakes Nav. and Hotel Co., Toronto.                         |
| Mekinac<br>131013 Quebec, P.Q.  | 65             | 1912 Wood   | Fug.  | Three Rivers<br>5 8 19                                       | F. N. H.   | 11 8 19<br>5 8 20  | PdL.<br>10                                 | Three Rivers Harbour.             | Robert Grant, Three Rivers.  |
| Melville Dollar<br>121212 Vancouver, B.C.   | 4,304<br>2,801 | 1905 Steel.<br>Glasgow, G.B.  | Frt. and Pass.<br>6                           | Vancouver, B.C.<br>18 10 19                                  | A. F.  | 20-10-19<br>14 10 20                                       | Scr.<br>243                                | Foreign going.                    | Dollar Steamship Lines, Vancouver, B.C.                            |
| Memora<br>111917 Midland, Ont.  | 73<br>50       | 1901 Wood<br>Midland, Ont.  | Tug.  | Port Robinson, Ont.<br>5 8 19                                | J. B. S.   | 14 8 19<br>5 8 20  | Scr.<br>20-9                               | New Weller Canal.                 | Canadian Dredging Co., Ltd., Midland, Ont.                         |
| Merde Co.<br>141269 Parrishoro, N.S.  | 277<br>217     | 1919 Wood<br>Fox River, N.S.  | Frt.  | Parrishoro, N.S.<br>13 8 19                                  | N. A. C.<br>A. McD.                                | 10 8 19<br>13 8 20   | Tw. ser.<br>24                             | Parrishoro and coast-wise.        | Cochran & Koer, Fox River, N.S.                                    |
| Merrmaid<br>111590 Peterboro, Ont.  | 11             | 1901 Wood<br>Millbrooke.  | Yacht.  | Peterboro, Ont.<br>7 8 19                                    | J. T. G.   | 25 8 19<br>16 7 20   | Scr.<br>0-3                                | Trent Valley.                     | H. A. Turner, et al, Millbrooke.                                   |
| Merrimac<br>74264 Sydney, N.S.  | 86             | 1886 Wood.<br>Quebec, P.Q.  | Tug.  | Halifax, N.S.<br>22 10 19                                    | N. A. C.   | 23 10 19<br>22 10 20                                       | Scr.<br>37                                 | Halifax Harbour.                  | Halifax Tow Boat Co., Halifax, N.S.                                |
| Meteor<br>107084 Ottawa, Ont.   | 219<br>204     | 1897 Wood.<br>Ottawa.   | Frt and Pass.<br>305                          | Temiskaming, Ont.<br>10 8-19<br>16 6 19                      | J. E. L.<br>M. R. D.                               | 11 8 19<br>10 8-20   | Scr.<br>29-6                               | Lake Temiskaming.                 | Temiskaming Nav. Co., Mattawa, Ont.                                |
| Meteor<br>107650 Cornwall, Ont.   | 47<br>32       | 1902 Wood<br>Port Robinson.   | Tug.  | Toronto.<br>50 8 19  | J. B. S.   | 2 9 19<br>21 8-20  | Scr.<br>10-8                               | Toronto Harbour and Lake Ontario. | Daniel McGrath, Port Dalhousie, Ont.                               |
| Michigan<br>98904 London, Eng.  | 1,730<br>498   | 1890 Steel.<br>West Bay City, Mich.   | Car ferry.<br>80                              | Windsor, Ont.<br>23 10 19<br>30 10 19                        | J. D.<br>W. E.                                     | 12 11 19<br>22-10 20                                       | PdL.<br>166-6                              | Windsor and Detroit.              | C.P.R., Montreal, P.Q.   |
| Michipicoten<br>94853 Sault Ste. Marie.   | 403<br>236     | 1883 Wood<br>Detroit, Mich.   | Pass.<br>15                                   | Owen Sound, Ont.<br>11 4 19<br>Collingwood, Ont.<br>30 4-19  | P. W. L.<br>S. D. A.                               | 30 4-19<br>11 4 20   | Scr.<br>34                                 | N. Chamnel and Georgian Bay.      | The North American Boat Chair Co., Owen Sound, Ont.                |
| Midland<br>103575 Midland, Ont.   | 55<br>37       | 1896 Wood<br>Midland, Ont.  | Tug.  | Midland, Ont.<br>10 10 19                                    | G. M. A.   | 18-10-19<br>30 9 20  | Scr.<br>16                                 | Georgian Bay.                     | Manley Chaw Midland, Ont.  |
| Midland King<br>116661 Midland, Ont.  | 3,965<br>2,450 | 1903 Steel.<br>Collingwood, Ont.  | Frt.  | Godfrich, Ont.<br>9-4-19                                     | J. D.<br>W. E.                                     | 9-5-19<br>8-4-20   | Scr.<br>150-4                              | Lakes and rivers.                 | Midland Nav. Co., Midland, Ont.                                    |



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|--|------------------|---|---------------------|----------------------------------|----------------------|--------------------|----------|-------|---|--|
| Midland Prince,<br>116689 Midland.         | 6, 133<br>4, 560 | 1907 Steel<br>Collingwood, Ont.         | Frt.<br>pass        | Midland, Ont.<br>4-4-19          | G. M. A.<br>S. D. A. | 23-4-19<br>15-4-20 | Ser.     | 199.3 | Port Colborne and<br>Duluth.                    | Midland Nav. Co., Ltd.,<br>Midland, Ont.                                 |
| Mike<br>140959 Toronto, Ont.               | 57               | 1919 Composite<br>Bark's Falls, Ont.    | Tug.                | Bark's Falls, Ont.<br>15-4-19    | G. M. A.             | Not issued.        | Ser.     | 8     | Magnetawan River.                               | A. A. Agar, Bark's Falls,<br>Ont.  |
| Mina G.<br>126529 Ottawa, Ont.             | 33               | 1910 Wood<br>Ottawa, Ont.               | Tug.                | Ottawa, Ont.<br>16-5-19          | J. T. G.             | Not issued.        | Ser.     | 5     | Winnipeg River.                                 | The Minister of Public<br>Works, Ottawa, Ont.                            |
| Minaki<br>130720 Kenora, Ont.              | 53<br>36         | 1914 Wood<br>Kenora, Ont.               | Tug.                | Kenora, Ont.<br>2-5-19           | W. J. V.             | 10-5-19<br>2-5-20  | Ser.     | 3     | Saskatchewan River.                             | R. E. Dowsett, Kenora,<br>Ont.   |
| Minasin<br>130715 Kenora, Ont.             | 39<br>26         | 1911 Wood<br>The Pas, Man.              | Tug.                | The Pas, Man.<br>1-29-4-19       | W. J. V.             | 15-9-17<br>29-4-20 | Ser.     | 6     | Deschenes lake.                                 | Res Nav. Co., The Pas,<br>Man.   |
| Mink<br>103881 Ottawa, Ont.                | 14<br>9          | 1896 Wood<br>Gordon Creek.              | Warp tug.           | Quyron, P.Q.<br>19-5-19          | J. E. L.             | Not issued.        | Pdl.     | 2.1   | Muskoka lakes.                                  | Upper Ottawa Improvement<br>Co.  |
| Mink<br>131085 Toronto, Ont.               | 89<br>60         | 1912 Composite<br>Gravenhurst, Ont.     | Pass.               | Port Carling, Ont.<br>22-8-19    | G. M. A.<br>S. D. A. | 22-8-19<br>27-6-20 | Ser.     | 10.6  | Lake Huron and Geo-<br>rgan bay.                | Wm. Hanna & Co., Port<br>Carling, Ont.                                   |
| Minnie A. Clark<br>116362 Goderich, Ont.   | 35<br>26         | 1903 Wood<br>Goderich, Ont.             | Fishing tug.        | Tobermory, Ont.<br>20-9-19       | J. T. G.             | 26-9-19<br>20-9-20 | Ser.     | 10.6  | Halifax Harbour.                                | Dominion Fish Co., Winni-<br>peg, Man.                                   |
| Minoca<br>126913 Halifax, N. S.            | 110<br>48        | 1911 Steel<br>Dartmouth, N.S.           | Quarantine<br>boat. | Halifax, N.S.<br>22-7-19         | N. A. C.             | 31-7-19<br>22-7-20 | Ser.     | 28.1  | Arrow lakes.                                    | Minister of Agriculture,<br>Ottawa.                                      |
| Minto<br>107453 Vancouver, B.C.            | 829<br>523       | 1898 Steel and wood<br>Nakusp, B.C.     | Frt.<br>pass        | Nakusp, B.C.<br>4-6-19           | W. J. C.             | 5-6-19<br>3-6-20   | Strn wpl | 16    | Kingston and Prescott.                          | Can. Pacific Ry., Montreal,<br>P.Q.                                      |
| Missisquoi<br>112279 Brockville, Ont.      | 152<br>86        | 1903 Wood<br>Noyan, Que.                | Pass. 300           | Kingston, Ont.<br>5-4-19         | T. P. T.<br>M. R. D. | 12-5-19<br>5-4-20  | Ser.     | 16.7  | Lake Erie.                                      | Rockport Nav. Co., Rock-<br>port, Ont.                                   |
| Miscford<br>134553 Port Burwell, Ont.      | 113<br>40        | 1915 Steel<br>Welland, Ont.             | Fish tug.           | Pt. Burwell, Ont.<br>23-9-19     | J. B. S.             | 1-10-19<br>23-9-20 | Ser.     | 24    | Prescott and Ogdensburg<br>Ferry Co., Prescott. | Minsner and Tedford, Port<br>Burwell, Ont.                               |
| Miss Vandenberg<br>107689 Prescott, Ont.   | 266<br>181       | 1909 Steel<br>Wilmington, Del.          | Pass.<br>195        | Ogdensburg, N.Y.<br>14-8-19      | T. P. T.<br>M. R. D. | 14-8-19<br>9-8-20  | Ser.     | 5     | Lake Abitibi.                                   | Abitibi Power & Paper Co.,<br>Montreal, P.Q.                             |
| Mistango<br>134550 Ottawa, Ont.            | 72<br>39         | 1907 Wood,<br>Lowbush.                  | Warp tug.           | Low Bush, Ont.<br>15-8-19        | J. E. L.             | Not issued.        | Pdl.     | 5.4   | Toronto and Hamilton.                           | Canada S.S. Lines, Ltd.,<br>Montreal, P.Q.                               |
| Modjeska<br>96058 Hamilton, Ont.           | 678<br>461       | 1889 Steel<br>Yoker, Scot.              | Pass.<br>945        | Toronto, Ont.<br>14-5-19         | J. B. S.<br>W. E.    | 13-5-20            | Tw. ser. | 160   | Lake of Bays.                                   | Huntsville Lake of Bays and<br>Lake Simcoe Nav. Co.,<br>Huntsville, Ont. |
| Mohawk Belle<br>133744 Toronto, Ont.       | 167<br>103       | 1913 Composite<br>Portage Lake of Bays. | Pass.<br>40         | Portage Lake of Bays,<br>20-6-19 | G. M. A.<br>S. D. A. | 28-6-20            | Ser.     | 12.9  | Trent Valley Canal.                             | W. E. Brooks, Young's Pt.,<br>Ont.                                       |
| Mollie<br>103927 Peterboro, Ont.           | 11<br>7          | 1897 Wood,<br>Lakefield, Ont.           | Yacht.              | Lakefield, Ont.<br>8-8-19        | T. P. P.             | 26-8-19<br>10-7-19 | Ser.     | 5     | Sheltered waters of<br>Lion's Head.             | P. J. Menary, Lion's Head,<br>Ont.                                       |
| Molly S.<br>111851 Owen Sound, Ont.        | 43<br>27         | 1901 Wood,<br>Owen Sound, Ont.          | Fishing tug.        | Lion's Head, Ont.<br>19-9-19     | J. T. G.             | 26-9-19<br>19-9-20 | Ser.     | 10.6  | Georgetown and Mon-<br>tague.                   | Georgetown Ferry Co.,<br>Georgetown, P.E.I.                              |
| Montague<br>77933 Charlottetown,<br>P.E.I. | 130<br>37        | 1878 Wood<br>Georgetown, P.E.I.         | Ferry.<br>15.       | Georgetown, P.E.I.<br>11-9-19    | C. E. D.<br>W. R. B. | 15-9-19<br>11-9-20 | Pdl.     | 16.1  | Coasting.                                       | The Minister of Marine and<br>Fisheries, Ottawa, Ont.                    |
| Montcalm<br>117069 Ottawa, Ont.            | 1,432<br>526     | 1904 Steel<br>Yoker, G.B.               | Govt.<br>Service.   | Quebec, P.Q.<br>14-6-19          | J. A. S.<br>P. D.    | 21-6-19<br>1-9-20  | Tw. ser. | 406   |   |  |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'enregistrement. | Tonnage.       | Where and When Built—Material.<br>Année et lieu de construction—Nature de la coque. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection.         | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate—Issued—Expires.<br>Certificat: Délivrance—N. on H.P. Expiration. | Propulsion—N. H.P.<br>Propulsion—N. on H.P. | Route.                                   | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|----------------|---|---|--|---|--|---|--|--|
| Monteagle<br>110554 Vancouver, B.C.   | 6,163<br>3,453 | 1899 Steel<br>Newcastle.  | Frt and Pass.<br>585                          | Vancouver, B.C.<br>14-2-20   | H. G. R.  | 19-2-20<br>19-11-20  | Tw ser.                                     | Vancouver and Foreign going.             | C. P. R. Co., Montreal.  |
| Montreal<br>116600 Montreal, P.Q.   | 4,282<br>2,299 | 1904 Steel<br>Sorel, P.Q.   | Pass.<br>500                                  | Sorel, P.Q.<br>2-6-19<br>11-6-19                                     | F. X. H.<br>P. D.                                   | 18-6-19<br>6-2-20  | P.H.  | Montreal and Quebec.                     | Canada Steamship Lines, Montreal, P.Q.                             |
| Moonlight<br>131037 Vancouver, B.C.   | 63<br>43       | 1912 Wood<br>Vancouver, B.C.  | Tug.  | Vancouver, B.C.<br>23-7-19   | A. F.   | 29-7-19<br>22-7-20   | Ser. 11.2                                   | Vancouver and Straits of Georgia.        | T. C. McBride, Vancouver, B.C.                                     |
| Moresby<br>141171 New Westminster, B.C.   | 243<br>98      | 1918 Wood<br>New Westminster, B.C.  | Tug.  | Vancouver, B.C.<br>4-12-19   | A. F.   | 29-12-19<br>20-11-20   | Ser. 32                                     | Vancouver and Queen Charlotte Is.        | Imperial Munitions Board.  |
| Morinus<br>116766 Toronto, Ont.   | 9<br>7         | 1904 Wood<br>Port Carling, Ont.   | Pass.   | Parry Sound, Ont.<br>18-7-19   | G. M. A.  | Not issued.  | Ser. 2                                      | Parry Sound and Rose Point.              | E. S. Pratt, Midland, Ont.   |
| Moyie<br>107454 Vancouver, B.C.   | 835<br>526     | 1898 Steel and wood<br>Nelson, B.C.   | Frt. pass.<br>77                              | Nelson, B.C.<br>7-8-19   | W. J. C.  | 7-8-19<br>6-8-20   | Strn whl.<br>17-1                           | Kootenay lakes.                          | Can. Pac. Ry., Montreal, P.Q.                                      |
| Muriel<br>90793 Vancouver, B.C.   | 44<br>28       | 1887, Wood<br>Victoria, B.C.  | Tug.<br>77                                    | Victoria<br>19-5-19  | B. M.   | 26-5-19<br>18-5-20   | Ser. 18                                     | Coasting.                                | Atta Singh, Victoria, B.C.   |
| Muriel W. (Ex Veronica)<br>Montreal, P.Q.   | 1,124<br>637   | 1886 Wood<br>Milwaukee.   | Frt.  | Quebec<br>25-4-19<br>19-4-19   | J. A. S.  | 25-4-19<br>25-4-20   | Ser.  | Quebec and Lake Erie.                    | The Steamer Muriel W. Ltd. Quebec.                                 |
| Murray Bay<br>101261 Montreal, P.Q.   | 969<br>630     | 1877 Iron<br>Wilmington.  | Pass.<br>300                                  | Sorel, P.Q.<br>7-5-19<br>Quebec, P.Q.<br>17-5-19<br>Sorel<br>27-5-19 | F. X. H.<br>P. D.<br>F. X. H.                       | 20-5-19<br>9-5-20  | P.H.<br>120                                 | Montreal and Chicoutimi.                 | The Canada Steamship Lines, Montreal, P.Q.                         |
| Muscullonge<br>133752 St. John, N.B.  | 360<br>245     | 1896 Wood<br>Port Huron, Mich.  | Tug.  | Sorel<br>27-5-19   | P. D.   | 28-5-19<br>27-5-20   | Ser. 61.4                                   | Coasting.                                | The Sincennes-McNaughton Line, Montreal, P.Q.                      |
| Muskat<br>126524 Ottawa, Ont.   | 35<br>19       | 1908 Wood<br>Sincoc, Ont.   | Tug.  | White River<br>23-5-19   | J. E. L.  | 27-5-19<br>23-5-29   | P.H.<br>2                                   | Lake Timiskaming.                        | Upper Ottawa Imp. Co., Ottawa.                                     |
| Muscovush<br>136077 Halifax, N.S.   | 22<br>15       | 1894 Composite<br>Parrissmouth, Eng.  | Tug.  | Chatham, N.B.<br>6-8-19  | C. E. D.  | 11-8-19<br>6-8-20  | Tw ser.<br>18                               | Inside Essequimo Village and Portage Id. | Dominion Pulp Co., Chatham, N.B.                                   |
| Myra<br>88634 Montreal, P.Q.  | 73<br>37       | 1884 Wood<br>St. Catharines.  | Tug.  | Sorel, P.Q.<br>24-4-19   | F. X. H.  | 29-4-19<br>24-4-20   | Ser. 38                                     | Montreal.                                | The Sincennes McNaughton Line, Montreal, P.Q.                      |
| Mystery<br>94816 Victoria, B.C.   | 65<br>39       | 1890 Wood<br>Victoria, B.C.   | Tug.  | Victoria, B.C.<br>15-11-19   | B. M.   | 24-11-19<br>14-11-20   | Ser. 24                                     | Coasting.                                | Producers Rock and Gravel Co., Victoria, B.C.                      |

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|  |  |                         |   |                     |                      |           |  |  |
|--|--|-------------------------|---|---------------------|----------------------|-----------|--|--|
| N. Dymont,<br>107134 Goderich, Ont.          | 59 1900 Wood<br>40 Goderich, Ont.  | Tug.                    | Blind River, Ont.<br>18-10-19                           | P. W. L.            | 28-10-19<br>19-10-20 | Ser. 33-3 | North Channel.                             | N. A. Dymont, Barrie, Ont                        |
| Naid,<br>92589 Kingston, Ont.                | 15 1888 Wood<br>10 Kingston, Ont.  | Pass.                   | Lakefield, Ont.<br>8-8-19<br>Mt. Julian, Ont.<br>4-9-19 | T. P. T.            | Not issued.          | Ser. 5-2  | Trent Valley Canal.                        | Wm. Thompson, Mt. Julian, Ont.                   |
| Nama,<br>100729 Montreal, P.Q.               | 42 1887 Composite.<br>36 Montreal, P.Q.                                  | Tug.                    | Brookville, Ont.<br>25-6-19                             | T. P. T.            | 28-6-19<br>10-6-20   | Ser. 8    | Lyn and Prescott.                          | George Weir, Montreal, P.Q.                      |
| Nanosee<br>122307 Victoria, B.C.             | 305 1908 Steel,<br>106 Victoria, B.C.                                    | Tug.                    | Vancouver, B.C.<br>1-8-19                               | H. G. R.            | 3-8-19<br>20-6-20    | Ser. 63   | Vancouver, Victoria and<br>Ladysmith.      | Can. Pacific Ry. Co.,<br>Montreal, P.Q.          |
| Naramata,<br>134271 Victoria, B.C.           | 150 1913 Steel,<br>74 Okanagan Landing,<br>B.C.                          | Tug.                    | Okanagan Landing, B.C.<br>13-5-19                       | W. J. C.            | 16-5-19<br>12-5-20   | Ser. 27-3 | Okanagan Landing and<br>Pentteton.         | Can. Pacific Ry. Co., Mon-<br>treal, P.Q.        |
| Narwhal,<br>134216 Prince Rupert,<br>B.C.    | 13 1914 Wood,<br>9 Prince Rupert, B.C.                                   | Frt. and<br>pass.       | Prince Rupert, B.C.<br>23-6-19                          | B. M.               | 23-6-19<br>22-6-20   | Ser. 1    | Prince Rupert and<br>Stewart.              | H. K. Freeman, Prince<br>Rupert, B.C.            |
| Nasookin<br>133825 Vancouver, B.C.           | 1,869 1913 Steel,<br>1,035 Nelson, B.C.                                  | Frt. pass.<br>20<br>150 | Nelson, B.C.<br>29-5-19                                 | W. J. C.            | 30-5-19<br>27-5-20   | Ser. 102  | Nelson and Kaslo.                          | Can. Pacific Railway Co.,<br>Montreal, P.Q.      |
| Nasutlin,<br>133738 Vancouver, B.C.          | 405 1912 Wood,<br>256 White Horse, Y.T.                                  | Frt. pass.<br>90        | Dawson, Y. T.<br>14-7-19                                | B. M.               | 14-7-19<br>13-7-20   | Ser. whl. | Yukon River.                               | British Yukon Nav. Co.,<br>Ltd., Vancouver, B.C. |
| Nathalie, R.<br>130923 Montreal, P.Q.        | 55 1912 Wood,<br>25 Sorel, P.Q.  | Tug.                    | Sorel, P.Q.<br>29-4-19                                  | F. N. H.            | 30-4-19<br>29-4-20   | Ser. 28-1 | Montreal Harbour and<br>canals.            | Sinemes-McNaughton Line<br>Montreal, P.Q.        |
| Native,<br>107926 New Westminster,<br>B.C.   | 52 1900 Wood,<br>36 New Westminster,<br>B.C.                             | Tug.                    | Vancouver, B.C.<br>8-4-19                               | A. F.               | 1-5-19<br>7-4-20     | Ser. 12-9 | Vancouver and Howe<br>Sound.               | Edith Cates, Vancouver,<br>B.C.                  |
| Navareh,<br>126194 Windsor, Ont.             | 20 1892 Wood,<br>14 Boston, U.S.A.                                       | Tug.                    | Charlton, Ont.<br>17-6-19                               | J. T. G.            | 4-7-19<br>17-6-20    | Ser. 5    | Long Lake.                                 | Fowke and Gerard, Sur-<br>geon Falls, Ont.       |
| Nellie Bly,<br>92260 St. Catharines,<br>Ont. | 13 1890 Wood,<br>7 Pt. Dallowise, Ont.<br>1912 Rebuilt,<br>Toronto, Ont. | Tug.                    | Toronto, Ont.<br>23-4-19                                | G. M. A.            | 25-4-19<br>23-4-20   | Ser. 3    | Toronto Harbour.                           | Joseph Goodwin, Toronto,<br>Ont.                 |
| Nellie J.,<br>130711 Kenora, Ont.            | 30 1911 Wood,<br>21 Kenora, Ont.   | Tug.                    | Norman, Ont.<br>2-5-19                                  | W. J. V.            | 10-5-19<br>2-5-20    | Ser. 3-3  | Lake of the Woods.                         | Armstrong Fish Co.,<br>Norman, Ont.              |
| Neptune,<br>130633 St. John, N.B.            | 118 1911 Wood,<br>80 Port Greenville, N.S.                               | Tug.                    | St. John, N.B.<br>1-10-19                               | C. E. D.            | 14-10-19<br>14-10-20 | Ser. 19-5 | Coasting.                                  | Furness Withy Co., St.<br>John, N.B.             |
| Nereid,<br>133751 St. John, N.B.             | 40 1913 Wood,<br>25 Waterboro, N.B.                                      | Tug.                    | St. John, N.B.<br>24-7-19                               | D. J. M.            | 26-7-14<br>24-7-20   | Ser. 13-5 | Coasting.                                  | J. W. Smito, St. John, N.B.                      |
| Netic B.,<br>124951 Port Stanoev, Ont.       | 9 1906 Wood,<br>19 Port Stanley, Ont.                                    | Tug.                    | Tobermory,<br>20-9-19                                   | J. T. G.            | Not issued.          | Ser. 5    | Tobermory waters.                          | D. Melver, Tobermory,<br>Ont.                    |
| Nevada,<br>95225 Montreal, P.Q.              | 1,276 1890 Steel,<br>794 Leith, G.B.                                     | Frt.                    | Sydney, N.S.<br>12-9-19<br>15-9-19                      | D. J. M.<br>A. MeD. | 19-9-19<br>12-9-20   | Ser. 99   | Coasting.                                  | Nevada Shipping Co., Hali-<br>fax, N.S.          |
| New Dalin,<br>126894 Vancouver, B.C.         | 73 1910 Wood,<br>19 Vancouver, B.C.                                      | Frt. and<br>pass.       | Vancouver,<br>21-6-19                                   | H. G. R.            | 26-6-19<br>11-6-20   | Ser. 8-2  | Vancouver, Indian river<br>and Port Moody. | C. W. Brewster, Ladner,<br>B.C.                  |
| New Era,<br>114813 Victoria, B.C.            | 56 1901 Wood,<br>37 Vancouver, B.C.                                      | Tug.                    | Victoria, B.C.<br>23-12-19                              | B. M.               | 23-12-19<br>22-12-20 | Ser. 8-7  | Victoria and Gulf<br>Islands.              | W. T. Cotford, Salt-Spring<br>Island, B.C.       |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Noms officiels—Ports d'enregistrement. | Tonnage. | Where and When Built—Material.<br>Année et lieu de construction—Matériau de la coque. | Tide—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate: Issued—Expires.<br>Certificat: Délivrance—Expiration. | Propulsion—N.I.P.<br>Propulsion—N. en H.P. | Route.                           | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|--|----------|---|--|--|---|--|--|----------------------------------|--|
| Newington<br>110687 Vancouver, B.C.  | 193      | 1809 Iron and Steel.<br>Hull, Eng.  | Tender and pass.<br>10                       | Victoria, B.C.<br>26-12-19                                   | W. J. C.  | 29-12-19<br>27-12-20   | Ser. 58                                    | Coasting.                        | Minister of Marine and Fisheries, Ottawa, Ont.                     |
| Newminco<br>126413 Toronto, Ont.   | 128      | 1909 Composite.<br>81 Greenview, Ont.   | Pass.<br>34                                  | Port Carling, Ont.<br>26-3-19                                | G. M. A.<br>S. D. A.                                | 30-6-19<br>27-6-20   | Ser. 13-5                                  | Muskoka lakes.                   | W. Hanna & Co., Port Carling, Ont.                                 |
| New Success<br>126255 Chatham, N.B.  | 77       | 1909 Wood.<br>34 Burnt Church, N.B.   | Tug.<br>34                                   | Chatham, N.B.<br>5-8-19                                      | C. E. D.  | 11-8-19<br>5-8-20  | Ser. 5-4                                   | Esquimaux and Portage Island.    | J. Anderson, Burnt Church, N.B.                                    |
| Nicaragua<br>140663 Montreal, P.Q.   | 1,724    | 1894 Wood.<br>1,042 West Bay City, Mich.  | Freight.                                     | Kingston, Ont.<br>3-4-19                                     | T. P. T.  | Not issued.  | Ser. 89                                    | Oswego and Montreal.             | The Montreal Transportation Co., Montreal, P.Q.                    |
| Nipawin<br>138029 Kenora, Ont.   | 185      | 1918 Wood.<br>128 The Pass, Man.  | Prt. and pass.<br>40                         | The Pass, Man.<br>29-4-19                                    | M. R. D.<br>W. J. V.                                | 26-5-19<br>29-3-20   | Strm. whl.<br>3                            | Saskatchewan river.              | Ross Navigation Co., The Pass, Man.                                |
| Nipistiquit<br>134329 Chatham, N.B.  | 94       | 1914 Wood.<br>22 Bathurst, N.B.   | Tug.<br>35                                   | Bathurst, N.B.<br>7-10-19                                    | C. E. D.  | 10-10-19<br>7-10-20  | Ser. 18-6                                  | Rochette Pt. and Grindstone Pt.  | Bathurst Lumber Co., Bathurst, N.B.                                |
| Nisiska<br>133747 Toronto, Ont.  | 35       | 1913 Composite.<br>23 Brimfield, Ont.   | Tug and pass.<br>20                          | Lake of Bays, Ont.<br>20-6-19                                | G. M. A.  | 29-9-19<br>29-6-20   | Ser. 6                                     | Lake of Bays.                    | S. V. Blake, London, Eng.  |
| Nitelic<br>136373 Peterboro, Ont.  | 19       | 1911 Wood.<br>13 Hastings, Ont.   | Tug.<br>16                                   | Washago, Ont.<br>8-8-19                                      | G. M. A.  | 24-3-20<br>31-7-20   | Ser. 6-5                                   | Atterby and Sparrow Lake Chutes. | Randolph Macdonald Co., Ltd., Toronto, Ont.                        |
| Nitinal<br>91255 Victoria, B.C.  | 332      | 1885 Iron.<br>58 South Shields, G.B.  | Tug.<br>Pass.<br>16                          | Vancouver, B.C.<br>29-3-20<br>30-3-20                        | S. D. A.<br>A. F.                                   | 22-4-20<br>24-2-21   | Ser. 144-6                                 | Coasting.                        | Can. Pac. Ry. Co., Montreal P.Q.                                   |
| Norcross<br>100025 Toronto, Ont.   | 14       | 1887 Wood.<br>20 Tamarae Is.  | Tug.<br>Pass.<br>6                           | Pickering.<br>25-7-19  | G. M. A.  | 30-7-19<br>25-7-20   | Ser. 7                                     | Pickering River.                 | Pine Lake Lumber Co., Pickering, Ont.                              |
| Nora<br>122377 Vancouver, B.C.   | 24       | 1907 Wood.<br>17 Port Guelion, B.C.   | Pass.<br>12 (surv.)<br>6 (win.)              | Prince Rupert, B.C.<br>28-6-19                               | B. M.   | 30-6-20<br>27-6-20   | Ser. 2                                     | Prince Rupert and Stewart.       | E. and Alice McCoskrie, Prince Rupert, B.C.                        |
| Nord<br>112043 Quebec, P.Q.  | 56       | 1901 Wood.<br>39 Peribonka, P.Q.  | Prt. and pass.<br>40                         | Roberval, P.Q.<br>19-9-19<br>7-8-19                          | J. A. S.<br>P. D.                                   | 22-9-19<br>19-9-20   | Tw. ser. 2-81                              | Roberval and Peribonka P.Q.      | A. Donaldson, Roberval, P.Q.                                       |
| Noronic<br>134014 Port Arthur, Ont.  | 6,905    | 1913 Steel.<br>3,935 Port Arthur, Ont.  | Pass.<br>650                                 | Sarnia, Ont.<br>21-5-19                                      | I. D.   | 9-6-19<br>9-6-20   | Ser. 328-4                                 | Port Colborne and Duluth.        | Northern Nav. Co., Ltd., Toronto, Ont.                             |
| North Star<br>130224 Boston, Mass.   | 3,160    | 1901 Steel.<br>1,999 Chester, Pa.   | Pass.<br>342                                 | Boston, Mass.<br>15-4-19                                     | C. E. D.<br>W. R. B.                                | 17-4-19<br>15-4-20   | Ser. 290                                   | Yarmouth and Boston.             | Eastern S.S. Co., Weston, Mass.                                    |
| North Vancouver Ferry No 2<br>116784 Vancouver, B.C.   | 544      | 1904 Composite.<br>370 Vancouver, B.C.  | Pass.<br>750                                 | North Vancouver.<br>3-3-20                                   | H. G. R.  | 19-3-20<br>2-3-21  | Ser. 32-6                                  | Vancouver and North Vancouver.   | Corp. of North Vancouver City, B.C.                                |

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| No.   | Name                        | Material  | Weight | Pass.              | Location                | Agent    | Issued      | Scr. | Remarks | Company   |
|-------|-----------------------------|-----------|--------|--------------------|-------------------------|----------|-------------|------|---------|---|
| 1,176 | North Vancouver Ferry No. 3 | Steel     | 1,176  | 900                | Vancouver               | H. G. R. | 14-2-20     | 43   |         | Corp. of North Vancouver City, B.C.                 |
| 1,177 | 13047 Vancouver, B.C.       | Steel     | 742    | Tug and Pass. 10   | Vancouver               | J. T. M. | 1-2-21      |      |         |   |
| 1,178 | 13023 Kenora, Ont.          | Wood      | 15     |                    | Fl. Chippewyan, Alta.   | J. T. M. | 17-6-19     | 2    |         | Collin Fraser Co., Fort Chippewyan, Alta.           |
| 1,179 | 13023 Kenora, Ont.          | Wood      | 15     |                    | North Bay, Ont.         | J. T. G. | 25-6-19     |      |         | North Bay and French Riv. Nav. Co. North Bay, Ont.  |
| 1,180 | 13023 Kenora, Ont.          | Wood      | 15     |                    | Sturgeon Falls, Ont.    | J. T. M. | 13-6-20     | 20-9 |         | Peace River Nav. Co., Peace River, Alta.            |
| 1,181 | 13024 Kenora, Ont.          | Wood      | 121    | Pass. 26           | Peace River, Alta.      | J. T. M. | 30-5-19     |      |         | Hudson's Hope, Vermillion Clutes.                   |
| 1,182 | 13024 Kenora, Ont.          | Wood      | 111    |                    | Fort Fitzgerald, Alta.  | J. T. M. | 30-5-19     | 3    |         | Fort Fitzgerald.                                    |
| 1,183 | 13024 Kenora, Ont.          | Wood      | 147    |                    | Bell Rock, Alta.        | J. T. M. | 1-8-19      | 5    |         | Northern Transportation Co., Edmonton, Alta.        |
| 1,184 | 13024 Kenora, Ont.          | Wood      | 179    |                    | Fort Fitzgerald, P.E.I. | J. T. M. | 30-9-19     | 8-1  |         | Northern Trading Co., Edmonton, Alta.               |
| 1,185 | 13024 Kenora, Ont.          | Wood      | 59     | Pass. 10           | Bell Rock, Alta.        | J. T. M. | 5-7-19      |      |         | Edmonton, Alta.                                     |
| 1,186 | 13024 Kenora, Ont.          | Wood      | 125    | Pass. 184          | Charlottetown, P.E.I.   | C. E. D. | 3-7-20      | 350  |         | Charlottetown Steam Nav. Co., Charlottetown, P.E.I. |
| 1,187 | 13024 Kenora, Ont.          | Wood      | 519    | Ferry.             | Sand Point, Ont.        | A. McD.  | Not issued. |      |         | A. McFarland, Bristol, P.Q.                         |
| 1,188 | 13024 Kenora, Ont.          | Wood      | 46     |                    | Sand Point, Ont.        | J. E. L. | 24-7-19     | 2-1  |         | Geo. R. Baneroff, The Pas, Man.                     |
| 1,189 | 13024 Kenora, Ont.          | Wood      | 12     | Tug.               | The Pas, Man.           | J. T. M. | 20-5-20     |      |         | H. Walker & Sons, Walker's Point, Ont.              |
| 1,190 | 13024 Kenora, Ont.          | Wood      | 18     | Tug.               | The Pas, Man.           | J. T. M. | 15-9-19     | 4    |         | Dalhousie Lumber Co., Dalhousie, N.B.               |
| 1,191 | 13024 Kenora, Ont.          | Wood      | 12     | Tug.               | Gravenhurst, Ont.       | G. M. A. | 2-9-20      |      |         | Sugar Product Co., New York.                        |
| 1,192 | 13024 Kenora, Ont.          | Wood      | 24     | Tug.               | Gravenhurst, Ont.       | G. M. A. | Not issued. |      |         |   |
| 1,193 | 13024 Kenora, Ont.          | Wood      | 17     | Tug.               | Dalhousie, N.B.         | C. E. D. | 10-10-19    | 6-3  |         | Lake & River Transportation Co., Montreal, P.Q.     |
| 1,194 | 13024 Kenora, Ont.          | Steel     | 49     | Tug.               | Dalhousie, N.B.         | C. E. D. | 8-10-20     | 27   |         | Suburban Steamship, Browns Plains, N.B.             |
| 1,195 | 13024 Kenora, Ont.          | Steel     | 48     | Tug.               | Dalhousie, N.B.         | C. E. D. | 10-10-19    |      |         | Winnipegosis Fisheries, Ltd., Winnipegosis, Man.    |
| 1,196 | 13024 Kenora, Ont.          | Composite | 333    | Frt.               | Yarmouth, N.S.          | N. A. C. | 14-6-19     | 51   |         | Pembroke Transp. Co., Pembroke, Ont.                |
| 1,197 | 13024 Kenora, Ont.          | Composite | 163    | Frt.               | Yarmouth, N.S.          | A. McD.  | 21-5-19     |      |         | Okanagan Landing and Penitenc.,                     |
| 1,198 | 13024 Kenora, Ont.          | Wood      | 1,851  | Frt.               | Kingston, Ont.          | T. P. T. | 18-4-19     |      |         | The Packers Steamship Co., Ltd., Vancouver, B.C.    |
| 1,199 | 13024 Kenora, Ont.          | Wood      | 1,065  | Frt.               | Kingston, Ont.          | M. R. D. | 2-4-20      | 89   |         |   |
| 1,200 | 13024 Kenora, Ont.          | Wood      | 272    | Frt. and Pass. 162 | St. John, N.B.          | C. E. D. | 10-4-19     | 24   |         |   |
| 1,201 | 13024 Kenora, Ont.          | Wood      | 221    | Fishing tug.       | St. John, N.B.          | W. R. B. | 10-4-19     |      |         |   |
| 1,202 | 13024 Kenora, Ont.          | Wood      | 27     | Fishing tug.       | Winnipegosis, Man.      | W. J. V. | 16-8-19     |      |         |   |
| 1,203 | 13024 Kenora, Ont.          | Wood      | 25     | Fishing tug.       | Winnipegosis, Man.      | W. J. V. | 16-8-20     | 2-7  |         |   |
| 1,204 | 13024 Kenora, Ont.          | Steel     | 118    | Frt. and Pass. 81  | Pembroke, Ont.          | J. E. L. | 24-7-19     |      |         |   |
| 1,205 | 13024 Kenora, Ont.          | Steel     | 90     | Frt. and Pass. 81  | Pembroke, Ont.          | M. R. D. | 25-5-20     | 27   |         |   |
| 1,206 | 13024 Kenora, Ont.          | Wood      | 1,078  | Frt. and Pass. 120 | Okanagan Landing, B.C.  | W. J. C. | 16-5-19     |      |         |   |
| 1,207 | 13024 Kenora, Ont.          | Wood      | 679    | Tug.               | Vancouver, B.C.         | A. F.    | 12-5-20     | 32-3 |         |   |
| 1,208 | 13024 Kenora, Ont.          | Wood      | 80     | Tug.               | Vancouver, B.C.         | A. F.    | 29-4-19     |      |         |   |
| 1,209 | 13024 Kenora, Ont.          | Wood      | 54     | Tug.               | Vancouver, B.C.         | A. F.    | 29-4-20     | 16   |         |   |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Porta d'enregistrement. | Tonnage. | Where and when Built—Material.<br>Année et lieu de construction—Matériau de la coque. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspector's Initials—<br>Initiales des inspecteurs. | Certificate Issued—<br>Expire.<br>Certificat:—<br>Déchéance—<br>Expiration. | Propulsion—<br>N. H. P.<br>Propulsion—<br>N. en H. P. | Route.                               | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|----------|---|---|--|---|---|---|--------------------------------------|--|
| Olearyville<br>134269 Liverpool, N.S.   | 76       | 1915 Wood<br>Liverpool, N.S.  | Fer.  | Halifax, N.S.<br>25-3-20                                     | N. A. C.  | 25 3 20<br>25 3 21  | Ser   | Coasting                             | W. S. Davidson, Halifax,<br>N.S.                                   |
| Olive<br>116277 Halifax, N.S.   | 35       | 1903 Wood<br>21 Dartmouth, N.S.   | Tug.  | Louisburg, N.S.<br>26 8 19                                   | D. J. M.  | 30 8 19<br>26 8 20  | Ser   | Louisburg Harbour                    | P. J. Wilson, La Isbourg, N.S.                                     |
| Olive M.<br>130611 Victoria, B.C.   | 131      | 1911 Wood<br>71 Victoria, B.C.  | Tug.  | Victoria, B.C.<br>12 8 19                                    | W. J. C.  | 13 8 19<br>11 8 20  | Ser   | Coasting                             | Vancouver Isd. Towing Co.,<br>Victoria, B.C.                       |
| Omaha<br>134550 Montreal, P.Q.  | 1,251    | 1887 Wood<br>800 Milwaukee, Wis.  | Fer.  | Montreal, P.Q.<br>23 1 19                                    | L. T. G.<br>P. D.                                   | 28 4 19<br>22 1 20  | Ser   | Eric and Quebec                      | Boyer S.S. Co., Montreal,<br>P.Q.                                  |
| Onar D. Conger.<br>135655 Port Huron, U.S.A.  | 196      | 1882 Wood<br>132 Port Huron, Mich.  | Ferry Pass.<br>530                            | Port Huron, U.S.A.<br>25 10 19                               | L. D.<br>W. E.                                      | 27 2 20<br>23 1 21  | Ser   | St. Clair River                      | Port Huron and Sarnia Ferry<br>Co., Port Huron, U.S.A.             |
| Ondabeka<br>122175 Port Arthur, Ont.  | 76       | 1906 Wood<br>51 Lake Nipigon, Ont.  | Tug.  | Port Mc Donald, Ont.<br>8 5 19                               | W. J. V.  | 10 5 17<br>8 5 20   | Ser   | Lake Nipigon                         | James A. Little, Port Arthur<br>Ont.                               |
| Onaug<br>133791 Port Stanley, Ont.  | 51       | 1913 Wood<br>35 Port Stanley, Ont.  | Fishing tug                                   | Port Stanley, Ont.<br>19 9 19                                | L. B. S.  | 30 9 19<br>19 9 20  | Ser   | Lake Erie                            | McPherson and Wilson, Port<br>Stanley, Ont.                        |
| Onawana<br>125712 St. John, N.B.  | 30       | 1909 Wood<br>20 Pine Range, N.B.  | Tug.  | Barrington, N.S.<br>8 7 19                                   | N. A. C.  | 10 7 19<br>8 7 20   | Ser   | St. John River                       | J. and Mrs. McGinnis, Fred-<br>ericton, N.B.                       |
| Ondol<br>130853 Victoria, B.C.  | 30       | 1912 Wood<br>20 Proctor, B.C.   | Tug.  | Nelson, B.C.<br>31 5 19                                      | W. J. C.  | 31 5 19<br>26 3 20  | Ser   | Kootenay Lake and<br>Nelson          | F. Cogle, Proctor, B.C.  |
| Ontario<br>34385 Montreal, P.Q.   | 1,415    | 1890 Steel<br>1,018aven Sound, Ont.   | Ry. car<br>ferry.                             | Windsor, Ont.<br>25-10-19                                    | J. D.   | 27 10 19<br>22 10 20  | PdL   | Windsor and Detroit                  | Can. Pacific Ry., Montreal,<br>P.Q.                                |
| Ontario No. 1<br>123985 Montreal, P.Q.  | 5,116    | 1907 Steel<br>3,323 Toronto, Ont.   | Pass.<br>800 S.                               | Cobourg, Ont.<br>5 11 19                                     | L. B. S.  | 6 11 19<br>5 11 20  | Tw. Ser.  | Lakes Ontario and<br>Cobourg.        | Ontario Car Ferry Co.,<br>Ltd., Montreal, P.Q.                     |
| Ontario No. 2<br>137978 Montreal, P.Q.  | 5,568    | 1915 Steel<br>3,376 Toronto, Ont.   | Pass.<br>800 S.                               | Cobourg, Ont.<br>18 9 19                                     | M. R. D.  | 6 11 19<br>3 11 20  | Ser   | Cobourg and Lake On-<br>tario ports. | Ontario Car Ferry Co., Ltd.,<br>Montreal, P.Q.                     |
| Opegon<br>126402 Ottawa, Ont.   | 121      | 1909 Composite<br>77 Amprior, Ont.  | Tug.  | Amprior, Ont.<br>20 3 19                                     | M. H. D.<br>J. E. L.                                | 27 5 19<br>20 3 20  | PdL   | Chats Lake                           | McLaughlin Bros., Amprior,<br>Ont.                                 |
| Orehard City<br>133779 Victoria, B.C.   | 105      | 1912 Wood<br>66 Kelowna, B.C.   | Tug.  | Kelowna, B.C.<br>16 5 19                                     | W. J. C.  | 16 5 19<br>14 3 20  | Tw. Ser.  | Okanagan Lake                        | Kelowna Saw Mills Co.,<br>Kelowna, B.C.                            |
| Orisk<br>9231 Toronto, Ont.   | 75       | 1886 Wood<br>48 Gravenhurst, Ont.   | Pass.<br>40                                   | Gravenhurst, Ont.<br>27 1 19                                 | G. M. A.<br>S. D. A.                                | 5 7 19<br>28 4 20   | Ser   | Muskoka Lakes                        | Muskoka Lakes Nav. and<br>Hotel Co., Toronto, Ont.                 |
| Orion<br>116032 Victoria, B.C.  | 109      | 1901 Steel<br>49 Christiana, Norway.  | Whfr.   | Victoria, B.C.<br>31-3-20                                    | W. J. C.  | 31-3-20<br>25-3-21  | Ser   | Victoria and Coasting                | The Victoria Whaling Co.,<br>Toronto, Ont.                         |

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|                                |                  |       |                |                   |                      |                               |      |                      |   |
|--------------------------------|------------------|-------|----------------|-------------------|----------------------|-------------------------------|------|----------------------|---|
| Orleans<br>107235              | Toronto, Ont.    | 269   | 1898 Steel     | Fort Erie, Ont.   | J. B. S.<br>W. E.    | 12-5-19<br>9-5-20             | Ser. | 12-5-19<br>9-5-20    | Buffalo and Ft. Erie S.S. Co., Ltd., Fort Erie, Ont.                      |
| Osprey<br>107133               | Goderich, Ont.   | 183   | 1902 Wood      | Gore Bay, Ont.    | P. W. L.             | 31-7-19<br>24-7-20            | Ser. | 31-7-19<br>24-7-20   | J. & A. Purvis, Gore Bay, Ont.  |
| Ossian Bedell<br>15514         | Buffalo, N.Y.    | 296   | 1901 Steel     | Buffalo, N.Y.     | J. B. S.             | 11-8-19<br>28-5-20            | Ser. | 11-8-19<br>28-5-20   | Buffalo Harbour and Erie Beach Trans. Co., Buffalo, N.Y.                  |
| Oso<br>(Not registered.)       |                  | 192   | 1911 Wood      | Beauvais, Ont.    | G. M. A.             | 3-9-19<br>19-8-20             | Ser. | 3-9-19<br>19-8-20    | Mrs. S. M. Bernham, and Mrs. C. E. Seull, Beauvais, Ont.                  |
| Ottawa<br>116650               | Ottawa, Ont.     | 15    | 1904 Composite | Hull, P.Q.        | J. E. L.<br>P. D.    | 28-4-19<br>22-4-20            | Ser. | 28-4-19<br>22-4-20   | Montreal and Ottawa<br>Ottawa Trans. Co., Ottawa, Ont.                    |
| Otter<br>103632                | Ottawa, Ont.     | 21    | 1895 Wood      | Teniskaming, Ont. | J. E. L.             | Not issued                    | Pull | Not issued           | Kippewa Fiber Co., Kippewa, Ont.  |
| Otter<br>121911                | Kenora, Ont.     | 16    | 1905 Wood      | Kenora, Ont.      | W. J. V.             | 25-8-19<br>23-8-20            | Ser. | 25-8-19<br>23-8-20   | The Armstrong Trading Co., Portage la Prairie, Man.                       |
| Overland<br>134520             | Sarnia, Ont.     | 758   | 1881 Wood      | Detroit, U.S.A.   | J. D.                | 6-11-19<br>5-11-20            | Ser. | 6-11-19<br>5-11-20   | M. & S. Misco, and Thos. O'Reilly, Sarnia, Ont.                           |
| Owani<br>150813                | Detroit, U.S.A.  | 747   | 1899 Steel     | Detroit, Mich.    | J. D.                | 27-6-19<br>31-9-20            | Pull | 27-6-19<br>31-9-20   | White Star Line, Detroit, U.S.A.  |
| Oyama<br>117047                | Barrington, N.S. | 44    | 1905 Wood      | Barrington, N.S.  | N. A. C.<br>A. MeD.  | 21-7-19<br>16-7-19<br>16-7-19 | Ser. | 21-7-19<br>16-7-20   | Barrington and Cape Barrington and Cape Isld. S. S. Co., Barrington, N.S. |
| P. B. McNaughton<br>134516     | Sarnia, Ont.     | 66    | 1888 Wood      | Kingston, Ont.    | T. P. T.             | Not issued                    | Ser. | Not issued           | Charlotte & Montreal Transportation Co.                                   |
| P. W. (ex Birdswell)<br>130836 | New Westminster. | 147   | 1912 Wood      | Vancouver.        | A. F.                | 12-2-19<br>7-1-20             | Ser. | 12-2-19<br>7-1-20    | Wallace Fisheries Ltd., Vancouver.  |
| Paiquooge<br>130830            | Port Arthur.     | 2,545 | 1888 Steel     | Port Huron, Ont.  | J. D.                | Not issued                    | Ser. | Not issued           | Canadian Northwest S.S. Co., Toronto.                                     |
| Papeose No. 1<br>138182        | Collingwood.     | 1,564 | 1919 Steel     | Collingwood, Ont. | P. W. L.             | 28-4-19<br>13-4-20            | Ser. | 28-4-19<br>13-4-20   | Dave Malcolm, Collingwood, Ont.   |
| Papeose<br>100736              | Windsor, Ont.    | 57    | 1893 Wood      | Amherstburg, Ont. | J. D.                | 28-6-19<br>4-6-20             | Ser. | 28-6-19<br>4-6-20    | Amherstburg and Port A. H. Clarke, Windsor, Ont.                          |
| Paradie<br>137893              | Toronto, Ont.    | 39    | 1915 Wood      | Napanee, Ont.     | T. P. T.<br>M. K. D. | 24-7-19<br>6-6-20             | Ser. | 24-7-19<br>6-6-20    | Napanee and Pieton<br>Albert S. Ward, Toronto, Ont.                       |
| Parima<br>96643                | Montreal, P.Q.   | 2,990 | 1889 Steel     | New York          | C. E. D.<br>W. R. B. | 10-11-19<br>10-11-20          | Ser. | 10-11-19<br>10-11-20 | The Quebec S.S. Co., Montreal, P.Q.                                       |
| Parkdale (ex Lisgar)<br>122272 | Winnipeg.        | 26    | 1910 Wood      | Saskit.           | J. T. M.             | Not issued                    | Ser. | Not issued           | Minister of Public Works, Ottawa.   |

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TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel— Official No.—Port of Registry.<br>Noms des navires— Numéros officiels—Ports d'enregistrement. | Tonnage. | Where and When Built—Material.<br>Année et lieu de construction— Nature de la coque. | Trade—No. of Pass.<br>Service— Nombro de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate Issued— Expires.<br>Certificat: D'inspection— Expiration. | Propulsion— N. H. P.<br>Propulsion— N. en H. P. | Route.   | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|----------|--|--|--|---|---|---|--|--|
| Paradise 116223 Parrishboro, N.S.   | 57       | 1903 Wood Parrishboro, N.S.  | Tug.   | Halifax, N.S. 23-5-19  | D. J. M.  | 5 6-19<br>23-5-20   | Ser. 19-3                                       | Halifax harbour.   | N. S. Construction Co., Halifax, N.S.                              |
| Passenger 134186 Montreal, P.Q.   | 29       | 1912 Wood Montreal, P.Q.   | Tug.   | Montreal, P.Q. 17-4-19                                       | J. T. G.  | 5 5-19<br>17-4-20   | Ser. 2-7  | Montreal harbour.  | Harbour Commissioners of Montreal.                                 |
| Padlo H. 116617 Ottawa.   | 51       | 1904 Steel Quyon, P.Q.   | Tug.   | Quyon, P.Q. 19-5-19  | J. E. L.  | 27 5-19<br>19-5-20  | Ser. 6-5  | Quyon & Aylmer.  | Upper Ottawa Improvement Co., Ottawa.                              |
| Paquet 126279 New Westminster.  | 280      | 1910 Wood New Westminster.   | Tug.   | Vancouver, 2-4-19  | A. F.   | Not issued.   | Strn whl.                                       | Vancouver Island, Valdez, Galiano, Mayne and Pender Islands. | Canadian Kelp Products Ltd., Vancouver, B.C.                       |
| Peerless 97282 Sydney, N.S.   | 91       | 1884 Wood New York, N.Y.   | Pass. 329.                                     | Sydney, N.S. 16-4-19   | D. J. M.<br>A. McD.                                 | 12 5-19<br>16-5-20  | Ser. 25-8                                       | Sydney and N. Sydney   | Cape Breton Electric Co., Sydney, N.S.                             |
| Peerless 111953 New Westminster.  | 128      | 1901 Wood New Westminster.   | Tug.   | Vancouver, B.C. 20-3-20                                      | H. G. R.  | 22 3-20<br>19-3-21  | Ser. 39-2                                       | Vancouver and Straits of Georgia.                            | Westminster Towing & Fish Co., New Westminster.                    |
| Pemiss 138417 Winnipeg, Man.  | 39       | 1912 Wood Selkirk, Man.  | Tug.   | Selkirk, Man. 6-5-19   | J. T. M.  | Not issued.   | Ser. 5  | Red River  | The Minister of Public Works, Ottawa, Ont.                         |
| Pekin 107238 Liverpool, N.S.  | 85       | 1910 Wood Mess River, N.S.   | Frt.   | Halifax, N.S. 26-11-19                                       | N. A. C.  | 5-5-20<br>20-11-20  | Ser. 16-7                                       | Coasting   | McKinnon Bros., Charlottetown, P.E.I.                              |
| Pelce 136388 Amberstburg.   | 538      | 1911 Steel Collingwood.  | Pass. 300                                      | Windsor, Ont. 4-6-19   | J. D.<br>W. E.                                      | 6-8-19<br>25-7-20   | Ser. 58-4                                       | Windsor Learnington & Sandusky.                              | Windsor and Pelee Isd. Steamship Co., Pelee Island, Ont.           |
| Pembarok 103431 Ottawa, Ont.  | 191      | 1895 Wood Pembroke, Ont.   | Tug.   | Melbans Booms, 20-5-19                                       | J. E. L.  | 27 5-19<br>20-5-20  | PdL. 9-1  | Chapleau & Bryson  | Upper Ottawa Improvement Co., Ottawa.                              |
| Pontang 11194 Toronto, Ont.   | 100      | 1901 Wood Owen Sound, Ont.   | Tug.   | Toronto, Ont. 16-6-19  | J. B. S.  | 20 6-19<br>16-6-20  | Ser. 27   | Toronto Harbour and Lake Ontario.                            | Lake Shore and Gravel Co., Ltd., Toronto, Ont.                     |
| Pere Marquette 206611 Detroit, Mich.  | 2,531    | 1901 Steel Wyandotte, Mich.  | Ferry.   | Windsor, Ont. 21-10-19                                       | J. D.<br>W. E.                                      | 27 10-19<br>11-9-20   | Tw. ser. 252                                    | Windsor and Detroit.   | Pere Marquette Ry., Detroit, Mich.                                 |
| Peter Pan Second 138731 Windsor.  | 100      | 1917 Wood Collingwood.   | Tug.   | Port Huron, 25-10-19   | J. D.   | 27 10-19<br>25-10-20  | Ser. 35   | Detroit River.   | Ont. Gravel Freight, Co., Windsor, Ont.                            |
| Peter Paul 137903 Toronto, Ont.   | 31       | 1908 Wood Penetanguishene, Ont.  | Tug.   | Port Hope, 21-8-19   | T. P. T.  | (Not issued.)   | Ser. 19   | Port Hope Harbour.   | Dredging and Docking Co., Toronto, Ont.                            |
| Petrol 121974 Victoria, B.C.  | 131      | 1906 Steel Victoria, B.C.  | Tug.   | Vancouver, B.C. 7-7-19                                       | A. F.   | 2-8-19<br>6-7-20  | Ser. 23-2                                       | Vancouver and Straits of Georgia.                            | Minister, Public Works, Ottawa.                                    |
| Powabie 122176 Port Arthur.   | 29       | 1906 Wood Lake Nipigon.  | Fishg. boat                                    | Port McArthur, 8-5-19  | W. J. V.  | 15-5-19<br>8-5-20   | Ser. 8  | Lake Nipigon.  | Thos. Craigie, Fort William  |



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|  |     |   |                           |  |                      |                      |              |  |  |
|--|-----|---|---------------------------|--|----------------------|----------------------|--------------|--|--|
| Phoebe 2nd.<br>(Not registered).                 | 13  | 1914 Wood.<br>9 Kingston, Ont.                        | Yacht.                    | Beaumaris, Ont.<br>20-8-19                   | G. M. A.             | 3-9-19<br>30-8-20    | Ser. 4-9     | Muskoka lakes.   | J. A. Brashear, Pittsburg,<br>Pa.  |
| Phoenix (ex Claycoot).<br>103480 Vancouver, B.C. | 57  | 1896 Wood.<br>54 Bladland, U.S.A.                     | Tug.                      | Vancouver, B.C.<br>11-12-19                  | A. F.                | 10-1-20<br>26-11-20  | Ser. 11-2    | Vancouver Straits of<br>Georgia and Johnston<br>Straits. | Claude S. Thicke and Harry<br>Randall, Vancouver.  |
| Phoenix.<br>111571 Toronto.                      | 29  | 1900 Wood.<br>19 Huntsville, Ont.                     | Tug.                      | Huntsville, Ont.<br>19-6-19                  | G. M. A.             | 2-9-19<br>19-6-20    | Ser. 7-3     | Huntsville and vicinity.                                 | Huntsville, Lake of Bays<br>and Lake Simcoe Nav.<br>Co., Huntsville, Ont.<br>George Lindsay, Roberval,<br>P.Q. |
| Pikongami.<br>125991 Quebec, P.Q.                | 37  | 1902 Composite.<br>36 Roberval.                       | Tug.                      | Pointe Bleu, Lake St.<br>John.<br>17-9-19    | J. A. S.             | 23-9-19<br>25-11-19  | Strn. whl. 3 | Lake St. John.   | The Smoky Peace River<br>Boating Co., Peace River  |
| Pine Pass.<br>134606 Winnipeg.                   | 42  | 1915 Wood.<br>29 Prudence Crossing.                   | Frt. and<br>pass. 7       | Peace River.<br>31-5-19                      | J. T. M.             | 31-5-19<br>31-5-20   | Ser. 6       | Peace River.   | R. S. Stoness, Sault Ste.<br>Marie, Ont.   |
| Pinola.<br>134387 Sault Ste. Marie.              | 34  | 1894 Wood.<br>18 Cleveland, O.                        | Tug.                      | Sault Ste. Marie, Ont.<br>18-10-19           | P. W. I.             | 29-10-19<br>21-10-20 | Ser. 4-8     | St. Mary river.  | Detroit and Windsor Ferry<br>Co., Detroit, Mich.   |
| Pleasure.<br>150670 Detroit, Mich.               | 490 | 1894 Wood.<br>293 West Bay City.                      | Pass.                     | Detroit, Mich.<br>2-6-19                     | J. D.                | 27-6-19<br>20-5-20   | Ser. 96-3    | Detroit River.   | Levis Ferry Co., P.Q.  |
| Plessis.<br>126925 Quebec.                       | 559 | 1910 Steel.<br>338 Levis, P.Q.                        | Pass. 400                 | Levis, P.Q.<br>16-10-19<br>24-11-19          | J. A. S.<br>P. D.    | 24-11-19<br>16-10-20 | Ser. 87-1    | Quebec and Levis.  | B. T. Brynolson, Vancouver,<br>of Georgia.   |
| Plunger.<br>131152 Vancouver.                    | 57  | 1912 Wood.<br>38 Vancouver, B.C.                      | Tug.                      | Vancouver, B.C.<br>9-9-19                    | A. F.                | 10-2-19<br>4-9-20    | Ser. 11-2    | Vancouver and Straits<br>of Georgia.                     | Coasting.<br>Minister of Public Works,<br>Ottawa.  |
| Point Ellice.<br>130897 Victoria.                | 295 | 1911 Steel.<br>98 Vancouver, B.C.                     | Tug.                      | Vancouver, B.C.<br>9-9-19                    | H. G. R.             | Not issued.          | Ser. 47      | Coasting.  | Minister of Public Works,<br>Ottawa.   |
| Point Grey.<br>130917 Vancouver.                 | 300 | 1912 Steel.<br>130 North Vancouver,<br>B.C.           | Tug.                      | Vancouver.<br>9-2-19                         | A. F.                | 10-2-20<br>4-2-21    | Ser. 62-9    | Coasting.  | Minister of Public Works,<br>Ottawa.   |
| Polana.<br>126830 Quebec.                        | 296 | 1911 Steel.<br>86 Kingston.                           | Quarantine.<br>tender. 36 | Levis, P.Q.<br>11-4-19<br>19-4-19            | J. A. S.<br>P. D.    | 28-4-19<br>11-4-20   | Ser. 34      | Grosse Ile and Quebec.                                   | Minister of Agriculture,<br>Ottawa.  |
| Polarine.<br>134107 Vancouver, B.C.              | 23  | 1914 Wood.<br>15 Vancouver, B.C.                      | Pass. 20.                 | Vancouver, B.C.<br>20-6-19                   | H. G. R.             | 27-6-19<br>29-5-20   | Ser. 4       | Vancouver and Indian<br>river.                           | Imperial Oil Co., Ltd.<br>Vancouver.   |
| Polaris.<br>85759 Quebec.                        | 532 | 1883 Wood.<br>335 Levis, P.Q.                         | Pass. frt.<br>300         | Quebec.<br>5-12-19<br>20-12-19               | J. A. S.<br>P. D.    | 20-12-19<br>5-12-20  | Ser. 1100-8  | Quebec harbour.  | Quebec and Levis Ferry<br>Co., Quebec.   |
| Pollux.<br>122157 Ottawa.                        | 88  | 1907 Steel.<br>23 Pembroke, Ont.                      | Tug.                      | Pembroke, Ont.<br>21-5-19                    | J. E. J.             | 27-5-19<br>24-5-20   | Pull. 3 3    | Pembroke & Desjouis<br>cliffs.                           | Upper Ottawa Improvement<br>Co., Ottawa.   |
| Pontiac.<br>135209 Detroit.                      | 229 | 1876 Wood.<br>129 Detroit.                            | Pass.                     | Detroit.<br>12-5-19                          | J. D.                | 10-6-19<br>14-6-20   | Ser. 32      | Windsor & Detroit.                                       | Detroit & Windsor Ferry<br>Co., Detroit.   |
| Port Alberni.<br>138775 Victoria, B.C.           | 35  | 1917 Wood.<br>24 Port Alberni, B.C.                   | Tug.                      | Port Alberni, B.C.<br>27-6-19                | W. J. C.             | 20-6-19<br>25-6-20   | Ser. 7       | Alberni and Bamfield.                                    | J. R. Croll, Port Alberni,<br>B.C.   |
| Premier.<br>92735 Toronto.                       | 337 | 1888 Wood.<br>219 Hamilton, Ont.<br>1906 Collingwood. | Pass. 372                 | South Ste. Marie, Ont.<br>22-5-19<br>20-5-20 | P. W. I.<br>S. D. A. | 26-5-19<br>20-5-20   | Ser. 26-1    | Sault Ste. Marie and<br>Thessalon.                       | E. Stubbs and T. Wilcock,<br>Sault Ste. Marie.   |
| Premier.<br>12444 St. John, N.B.                 | 254 | 1907 Wood.<br>191 Meteghan, N.S.                      | Pass. 50                  | St. John, N.B.<br>28-4-19                    | C. F. D.<br>W. R. B. | 29-4-19<br>28-4-20   | Ser. 90      | St. John River and<br>Grand Lake.                        | David Coy, St. John, N.B.  |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'ensemblément. | Tonnage.       | Where and When Built—Material.<br>Année et lieu de construction—Matériau de la coque. | Trade—No of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate: Issued—Expires.<br>Certificat: Délivrance—Expiration. | Propulsion—N.I.P.<br>Propulsion—N. en I.P. | Route.   | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|----------------|---|--|--|---|--|--|--|--|
| President<br>26843 New York.  | 5,218<br>2,393 | 1906 Steel.<br>Camden, N.J.   | Frt. pass.<br>573                            | Victoria, B.C.<br>30 1 20                                    | W. J. C.<br>B. M.                                   | 30 1 30<br>30 1 21   | Ser.<br>413                                | Canadian and United States Ports.                    | Pacific Coast S.S. Co., Tacoma, U.S.A.                             |
| Prinrose<br>94990 Toronto.  | 189<br>119     | 1890 Steel.<br>Toronto, Ont.  | Ferry.                                       | Hanlan Point.<br>30 4 19                                     | J. B. S.  | Not issued.  | P.H.<br>41-6                               | Toronto Bay.   | Toronto Ferry Co., Toronto   |
| Prinrose<br>107594 Owen Sound.  | 23<br>16       | 1899 Oven<br>Owen Sound, Ont.   | Tug.   | Thessalon, Ont.<br>18 6 19                                   | P. W. T.  | 18 6 19<br>18 6 20   | Ser.<br>8 4                                | North Channel and Georgian Bay.                      | J. J. McFadden, Spragge, Ont.                                      |
| Prince Albert<br>99584 Prince Rupert.   | 1,015<br>587   | 1892 Steel.<br>Hull, Eng.   | Frt. and pass.<br>140                        | Prince Rupert, B.C.<br>7 12 19                               | B. M.   | 31 12 19<br>7 12 20  | Ser.<br>170                                | Vancouver, Prince Rupert and Queen Charlotte Island. | Grand Trunk Pacific Development Co., Montreal.                     |
| Prince Edward Ferry<br>80955 Pictou, Ont.   | 18<br>12       | 1885 Wood.<br>Deseronto, Ont.<br>1903 rebuilt.  | Ferry.<br>Pass. 10                           | Glenora, Ont.<br>4 6 19<br>11 5 19                           | T. P. T.<br>M. R. D.                                | 7 6 19<br>4 6 20   | P.H.<br>1-6                                | Glenora and Adolphus town.                           | Hugh McWilliams, Pictou, Ont.                                      |
| Prince Edward Island<br>134206 Charlottetown,<br>P.E.I.   | 2,795<br>1,110 | 1915 Steel<br>Newcastle, G.B.   | Car Ferry                                    | Halifax.<br>24 5 19  | N. A. C.  | 27 5 19<br>24 5 20   | Ser.<br>520                                | Pictou and Charlottetown.                            | Minister of Railways and Canals, Ottawa, Ont.                      |
| Prince George<br>129748 Newcastle.  | 3,372<br>1,625 | 1910 Steel<br>Wallsend-on-Tyne.   | Pass. 390                                    | Esquimalt, B.C.<br>19 4 19                                   | W. J. C.  | 19 4 19<br>14 4 20   | T.w. ser.<br>352                           | Victoria, Vancouver, Seattle and Skagway.            | Swan Hunter et al., Newcastle, Eng.                                |
| Prince John<br>129472 Prince Rupert.  | 904<br>540     | 1910 Steel<br>Bowling, Eng.   | Frt.<br>Pass. 171.                           | Prince Rupert, B.C.<br>21 1 20                               | B. M.   | 30 1 20<br>20 1 21   | Ser.<br>103                                | Victoria, Prince Rupert, Skagway.                    | Grand Trunk Pac. Development Co., Montreal, P.Q.                   |
| Princess<br>163595 Charlottetown.   | 3,379<br>1,626 | 1910 Steel<br>Wallsend-on-Tyne.   | Frt.<br>Pass. 389                            | Prince Rupert, B.C.<br>22 1 20                               | B. M.   | 7 3 20<br>21 1 21  | Ser.<br>118 8                              | Victoria, Seattle and Skagway.                       | Swan Hunter et al., Newcastle, Eng.                                |
| Princess Adelaide<br>126948 Victoria, B.C.  | 542<br>252     | 1896 Steel.<br>Grangemouth, G.B.  | Fishery service.                             | Quebec.<br>2 4 19<br>4 7 19                                  | J. A. S.<br>A. Meld.                                | 9 7 19<br>4 7 20   | Ser.<br>90 4                               | Consting.  | Halifax Trading and Seving Co., Halifax, N.S.                      |
| Princess Alice<br>130609 Victoria, B.C.   | 3,060<br>1,910 | 1910 Steel<br>Glasgow, Scot.  | Frt.<br>Pass. 764                            | Victoria, B.C.<br>4 3 20<br>19 2 20                          | B. M.   | 4 3 20   | Ser.<br>240.                               | Victoria, Seattle & Vancouver.                       | Can. Pac. Ry. Co., Montreal, P.Q.                                  |
| Princess Beatrice<br>116405 Victoria, B.C.  | 3,099<br>1,902 | 1911 Steel<br>Wallsend, Eng.  | Frt.<br>Pass. 662                            | Victoria, B.C.<br>18 3 19                                    | W. J. C.  | 21 3 20<br>16 3 21   | Ser.<br>239 9                              | Victoria, Vancouver, Seattle and Skagway.            | Can. Pac. Ry. Co., Montreal, P.Q.                                  |
| Princess Charlotte<br>126235 Victoria, B.C.   | 1,290<br>635   | 1903 Wood<br>Esquimalt, B.C.  | Frt.<br>Pass. 159                            | Victoria, B.C.<br>7 5 19                                     | B. M.   | 8 5 19<br>6 5 26   | Ser.<br>124 7                              | Victoria-Prince Rupert.                              | Can. Pac. Ry. Co., Montreal, P.Q.                                  |
| Princess Ema<br>122587 Victoria, B.C.   | 3,844<br>1,399 | 1908 Steel<br>Glasgow, Scot.  | Frt.<br>Pass. 423.                           | Victoria, B.C.<br>8 4 19                                     | W. J. C.  | 9 4 19<br>7 4 20   | Ser.<br>381                                | Victoria, Vancouver, Seattle and Skagway.            | Can. Pac. Ry. Co., Montreal, P.Q.                                  |
|   | 1,368<br>827   | 1907 Steel<br>Garston, G.B.   | Frt.   | Victoria, B.C.<br>16 3 20                                    | B. M.   | 18 3 20<br>15 3 21   | Ser.<br>75                                 | Coasting.  | Can. Pac. Ry. Co., Montreal, P.Q.                                  |

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|  |                |   |                           |                     |                    |                 |  |  |
|--|----------------|---|---------------------------|---------------------|--------------------|-----------------|--|--|
| Princess Louise<br>77903 Cornwall, Ont.          | 26             | 1879 Wood<br>Ogdensburg, N.Y.                         | Cornwall, Ont.            | T. P. T.            | 12-9-19<br>20-3-20 | Ser. 3, 3       | St. Lawrence Canals  | H. F. Cummings,<br>Cornwall,<br>Ont.                               |
| Princess Maquima<br>133769 Victoria, B.C.        | 1,777<br>979   | 1888 Dundee, Ont.<br>1913 Steel<br>Esquimaalt, B.C.   | Victoria, B.C.            | B. M.<br>W. J. C.   | 18-6-19<br>10-6-20 | Ser. 146, 8     | Victoria and Holberg   | Can. Pac. Ry. Co., Montreal,<br>P.Q.                               |
| Princess Mary<br>126950 Victoria, B.C.           | 2,155<br>1,346 | 1910 Steel<br>Paisley, Scot.                          | Victoria, B.C.            | B. M.               | 17-3-20<br>14-3-21 | T.w. ser. 195   | Victoria and Skagway   | Can. Pac. Ry. Co., Montreal,<br>P.Q.                               |
| Princess Mary<br>109860 Vancouver, B.C.          | 1,717<br>1,022 | 1914 Esquimaalt.<br>1888 Steel<br>Newcastle-on-Tyne.  | Esquimaalt, B.C.          | W. J. C.            | 15-9-19<br>14-9-20 | Tr. ser. 290, 3 | Foreign-going  | Can. Pac. Ry. Co., Montreal,<br>P.Q.                               |
| Princess Patricia<br>115665 Victoria, B.C.       | 1,157<br>535   | 1906 Victoria, B.C.<br>1902 Steel<br>Dumbarton, Scot. | Victoria, B.C.            | B. M.               | 6-3-20<br>4-2-21   | T.w. ser. 450   | Nanaimo to Vancouver.  | Can. Pac. Ry. Co., Montreal,<br>P.Q.                               |
| Princess Royal<br>121988 Victoria, B.C.          | 1,997<br>981   | 1907 Wood<br>Victoria, B.C.                           | Victoria, B.C.            | B. M.               | 5-1-20<br>2-1-21   | Ser. 177        | Coasting   | Can. Pac. Ry. Co., Montreal,<br>P.Q.                               |
| Princess Victoria<br>115953 London.              | 1,943<br>428   | 1903 Steel<br>Newcastle-on-Tyne.                      | Victoria, B.C.            | B. M.               | 23-5-19<br>14-5-20 | T.w. ser. 404   | Victoria, Vancouver and<br>Seattle.                          | Can. Pac. Ry. Co., Montreal,<br>P.Q.                               |
| Proctor<br>107727 Vancouver.                     | 43<br>29       | 1900 Wood<br>Trout Lake City<br>Nelson, B.C.          | Trout Lake City<br>6-6-19 | W. J. C.            | 30-6-19<br>3-6-20  | Ser. 14         | Trout Lake.  | Can. Pac. Ry. Co., Montreal,<br>P.Q.                               |
| Progressive<br>122158                            | 88<br>60       | 1906 Wood<br>Vancouver, B.C.                          | Vancouver, B.C.           | A. F.               | 9-3-20<br>14-1-21  | Ser. 32, 7      | Coasting   | Kingsome Navigation Co.,<br>Ltd., Vancouver, B.C.                  |
| Projective<br>138308 Vancouver, B.C.             | 71<br>48       | 1916 Wood<br>Vancouver, B.C.                          | Vancouver, B.C.           | A. F.               | 12-4-19<br>1-4-20  | Ser. 16, 7      | Vancouver and Straits of<br>Georgia.                         | The Progressive Steamboat<br>Co., Ltd., Vancouver,<br>B.C.         |
| Promise<br>196890 Detroit, Mich.                 | 473<br>296     | 1892 Wood<br>Detroit, Mich.                           | Windsor                   | J. D.               | 27-6-19<br>9-5-20  | Ser. 48, 4      | Detroit River  | Detroit and Windsor Ferry<br>Co., Detroit, Mich.                   |
| Promotive<br>131153 Vancouver, B.C.              | 55<br>37       | 1912 Wood<br>Vancouver, B.C.                          | Vancouver, B.C.           | A. F.               | 25-8-19<br>23-7-20 | Ser. 15, 5      | Vancouver & Straits of<br>Georgia.                           | Progressive Steamboat Co.,<br>Vancouver, B.C.                      |
| Pro Patria<br>83 St. Pierre Miquelon.            | 548<br>215     | 1905 Steel<br>Troon, Scot.                            | Halifax, N.S.             | A. McD.<br>D. J. M. | 11-4-19<br>3-4-20  | Ser. 71         | Harbour St. Pierre and<br>Halifax.                           | LaMoen Français Pecheurs,<br>Paris.                                |
| Prospective No. 2<br>141267 Vancouver, B.C.      | 85<br>39       | 1918 Wood<br>Vancouver, B.C.                          | Vancouver, B.C.           | A. F.               | 29-1-20<br>1-1-21  | Ser. 14         | Vancouver, Straits of<br>Georgia and Johnston<br>Straits.    | Progressive Steamboat Co.,<br>Vancouver.                           |
| Prosperative (ex Royal)<br>14138 Vancouver, B.C. | 89<br>44       | 1891 Wood<br>Benicia, U.S.A.                          | Vancouver, B.C.           | A. F.               | 22-3-20<br>1-2-21  | Ser. 17         | Vancouver and Straits of<br>Georgia and Johnston<br>Straits. | Progressive Steamboat Co.,<br>Vancouver, B.C.                      |
| Protective<br>131025 Victoria, B.C.              | 73<br>50       | 1912 Wood<br>Vancouver, B.C.                          | New Westminster, B.C.     | A. F.               | 22-7-19<br>14-5-20 | Ser. 18         | Vancouver and Straits of<br>Georgia.                         | Monarch Towing & Trading<br>Ltd., New Westminster,<br>B.C.         |
| Protosilau<br>128014 Liverpool, G.B.             | 9,547<br>6,118 | 1909 Steel<br>Newcastle, B.C.                         | Vancouver, B.C.           | A. F.               | Not issued         | T.w. ser. 416   | Foreign-going  | The China Mutual Steam<br>Navigation Co., Ltd.,<br>Liverpool, G.B. |
| Prudence<br>141272 Prince Rupert,<br>B.C.        | 16<br>11       | 1912 Wood<br>Essington, B.C.                          | Prince Rupert, B.C.       | B. M.               | 30-3-20<br>11-3-21 | Ser. 2          | Prince Rupert to Stewart<br>B.C.                             | Prince Rupert to Stewart<br>R. G. Johnston, Inverness,<br>B.C.     |
| Puffing Billy<br>122493 Chattham, N.B.           | 9<br>9         | 1903 Wood<br>Shippigan, N.B.                          | Anse aux Cousins          | J. A. S.            | Not issued         | Pal. 12         | Dartmouth River  | J. H. Taylor, Campbellton,<br>N.B.                                 |
| Purity (ex Five Roses)<br>112080 Kenora, Ont.    | 43<br>29       | 1902 Wood<br>Kenora, Ont.                             | Rainy River               | W. J. V.            | 27-5-19<br>23-5-20 | Ser. 3          | Rainy River and Lake<br>of the Woods.                        | The Western Canada Milling<br>Co., Toronto, Ont.                   |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'enregistrement. | Tonnage.       | Where and When Built—Material.<br>Année et lieu de construction—Nature de la coque. | Trade—No of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs | Certificate Issued—Expire.<br>Certificat: Délivrance—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. on H. P. | Route.                                   | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|----------------|---|--|--|--|--|---|--|--|
| Put-In-Bay<br>208536 Detroit.   | 1,153<br>731   | 1911 Steel<br>Wyandotte, U. S. A.   | Pass.<br>3,162                               | Detroit, U. S. A.<br>5-6-19<br>25-6-19                       | J. D.<br>W. E.                                     | 26-6-19<br>6-6-20  | Ser.<br>209                                   | Detroit and Sandusky                     | Ashley and Dustin Str. Line,<br>Detroit, U. S. A.                  |
| <b>Q</b>  |                |   |  |  |  |  |   |  |  |
| Quaco Queen<br>138596 St. John, N. B.   | 523<br>489     | 1919 Wood<br>St. Martins, N. B.   | Frt.   | St. John, N. B.<br>11-7-19                                   | C. E. D.   | 12-7-19<br>12-7-20   | Tw. ser.<br>13                                | Foreign-going                            | W. E. Foster, et al, St. John,<br>N. B.                            |
| Quadra<br>96899 Vancouver, B. C.  | 683<br>375     | 1891 Steel<br>Paisley, G. B.  | Frt.   | Esquimalt, B. C.<br>31-10-19                                 | W. R. B.<br>W. J. C.                               | 31-10-19<br>26-10-20   | Ser.<br>122 6                                 | Britannia Beach and<br>Tueson.           | Quadra S. S. Co., Britannia<br>Beach, B. C.                        |
| Qualicum<br>130667 Victoria, B. C.  | 200            | 1904 Steel<br>Philadelphia, Pa.   | Tug & Pass.<br>15                            | Victoria, B. C.<br>28-10-19                                  | W. J. C.   | 24-1-20<br>18-1-21   | Ser.<br>42 6                                  | Victoria and Vancouver,<br>and coasting. | Can. Pac. Ry., Montreal,<br>P. Q.                                  |
| Quebec<br>122405 Montreal, P. Q.  | 3,498<br>2,013 | 1907 Steel<br>Sorel, P. Q.  | Frt. and<br>Pass.<br>480                     | Sorel, P. Q.<br>11-4-19                                      | F. X. H.<br>P. D.                                  | 5-5-19<br>11-4-20  | Ptl.<br>120                                   | Montreal and Quebec                      | Canada Steamship Lines,<br>Montreal, P. Q.                         |
| Queen<br>92535 Quebec, P. Q.  | 367<br>249     | 1886 Wood<br>Levis, P. Q.   | Pass.<br>425                                 | Quebec, P. Q.<br>2-4-19                                      | J. A. S.   | 2-4-19<br>2-12-19  | Ser.<br>74                                    | Quebec Harbour                           | Queen and Levis Ferry Co.,<br>Quebec, P. Q.                        |
| Queen<br>13235 Victoria, B. C.  | 115<br>68      | 1911 Wood<br>New Westminster,<br>B. C.  | Tug.   | Vancouver, B. C.<br>1-4-19                                   | P. D.<br>A. F.                                     | 9-3-20<br>4-2-21   | Ser.<br>22                                    | Coasting                                 | Queen City Trading &<br>Transp. Co., Ltd., Vic-<br>toria, B. C.    |
| Queen City<br>103452 Vancouver, B. C.   | 337<br>181     | 1894 Wood<br>Vancouver, B. C.   | Frt. and<br>Pass.<br>12                      | Vancouver, B. C.<br>24-7-19                                  | H. G. R.   | 25-7-19<br>23-7-20   | Ser.<br>25                                    | Vancouver, Seattle and<br>Anxox.         | Winkley Nav. Co., Ltd.,<br>Vancouver, B. C.                        |
| Queen of Tenagami<br>120415 Toronto, Ont.   | 36<br>25       | 1909 Composite.<br>Tenagami, Ont.   | Pass.<br>40                                  | Sturgeon Falls, Ont.<br>15-6-19                              | J. T. G.<br>M. R. D.                               | 26-6-19<br>12-6-20   | Ser.<br>12                                    | Lake Nipissing                           | Michael & Lavoque, Stur-<br>geon Falls, Ont.                       |
| Queen of the Isles<br>96567 Toronto, Ont.   | 40<br>27       | 1885 Wood<br>1906 Bracebridge,<br>Ont.  | Pass.  | Gravenhurst, Ont.<br>28-5-19                                 | G. M. A.   | Not issued.  | Ser.<br>11 1                                  | Muskoka Lakes and<br>Rivers.             | Muskoka Leather Co., Ltd.,<br>Toronto, Ont.                        |
| Quinette<br>134494 Quebec, P. Q.  | 147<br>109     | 1914<br>Ont.<br>Capucins, P. Q.   | Frt.   | Quebec, P. Q.<br>2-6-19                                      | J. A. S.   | Not issued.  | Tw. Ser.<br>6                                 | Coasting                                 | J. Richardson Co., Ltd.,<br>Matane, P. Q.                          |
| <b>R</b>  |                |   |  |  |  |  |   |  |  |
| R. G. A. Weaver<br>90544 Toronto, Ont.  | 81<br>30       | 1886 Wood<br>Buffalo, N. Y.   | Tug.   | Kingston, Ont.<br>29-4-19                                    | T. P. T.   | 29-4-19<br>29-4-20   | Ser.<br>37 5                                  | Brighton and Montreal.                   | The Montreal Transporta-<br>tion Co., Ltd., Montreal,<br>P. Q.     |
| R. J. Morell<br>111853 Owen Sound, Ont.   | 40<br>27       | 1901 Wood<br>Meaford, Ont.  | Fishing<br>boat.                             | Meaford<br>2-10-19   | J. T. G.   | 7-10-19<br>2-10-20   | Ser.<br>13 5                                  | Georgian Bay                             | A. W. and W. Pilgrim, Mea-<br>ford, Ont.                           |

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| R. R. Call,<br>116472 Chatham, N.B.          | 23 1904 Wood,<br>16 Chatham, N.B.            | Pass. 12         | Dalhousie, N.B.<br>8-10-19        | C. E. D<br>W. R. B.  | Not issued.         | Ser. 8.2       | Dalhousie and Carleton,<br>P.Q.               | P. J. Allard, Carleton, P.Q.  |
| Racey,<br>100630 Fort Dover, Ont.            | 17 1903 Steel,<br>25 Buffalo, N.Y.           | Fishing<br>Tug.  | Port Dover, Ont.<br>24-2-19       | J. B. S.             | 29-7-19<br>24-7-20  | Ser. 4         | Lake Erie.                                    | C. W. Barwell and P. C.<br>Robinson, Port Dover,<br>Ont.                  |
| Ragus,<br>138348 Halifax, N.S.               | 78 1917 Wood,<br>43 Mahone Bay, N.S.         | Pass. 80         | Dartmouth, N.S.<br>9-7-19         | D. J. M.<br>A. McD   | 9-7-19<br>9-7-20    | Ser. 18        | Halifax Harbour.                              | Acadia Sugar Mfg. Co.,<br>Halifax, N.S.                                   |
| Rainbow,<br>103906 Peterboro, Ont.           | 56 1909 Wood,<br>38 Bird-sall, Ont.          | Pass. 196        | Peterboro, Ont.<br>5-8-19         | T. P. T.<br>W. E.    | 24-9-19<br>5-8-20   | Ser. 9.4       | Trent Valley Canal.                           | Burnett and Simpson, Bird-<br>sall, Ont.                                  |
| Ralph E. S.,<br>90725 Halifax, N.S.          | 29 1886 Wood,<br>19 Mahone Bay, N.S.         | Fishing<br>Boat. | Halifax, N.S.<br>19-5-19          | D. J. M.<br>W. E.    | 19-5-10<br>19-5-20  | Ser. 15        | Coasting.                                     | Neville Canneries, Halifax,<br>N.S.                                       |
| Ralph T. Holcomb,<br>116400 Sarnia, Ont.     | 375 1898 Wood,<br>165 Marine City, U.S.      | Frt.             | Kings-ton, Ont.<br>2-6-19         | T. P. T.<br>P. D.    | 7-6-19<br>2-6-20    | Ser. 41.6      | Lake Ontario and Que-<br>bec.                 | Edwardsburg Starch Co.,<br>Cardinal, Ont.                                 |
| Rambler.                                     | 39 1903 Composite,<br>25 Toronto, Ont.       | Yacht.           | Mineft, Ont.<br>2-7-19            | G. M. A.             | 3-9-19<br>21-8-20   | Ser. 10        | Muskoka Lakes                                 | Pilgr B-Whiteomb, Detroit,<br>Mich.                                       |
| Ramona,<br>100397 Brockville, Ont.           | 102 1894 Wood,<br>83 Hamilton, Ont.          | Pass.            | Huntsville, Ont.<br>19-6-19       | G. M. A.<br>S. D. A. | 11-9-19<br>30-6-20  | Ser. 8.1       | Huntsville and vicinity                       | Huntsville, Lake of Bays,<br>and Lake Simcoe Nav.<br>Co, Huntsville, Ont. |
| Randolph,<br>106259 St. John, N.B.           | 9 1894 Wood,<br>6 St. John, N.B.             | Tug.             | St. John, N.B.<br>8-4-19          | C. E. D.             | 9-4-19<br>8-4-20    | Tw. Ser. 15.5  | Cape Spencer and Mus-<br>quash Head.          | St. John River Log Driving<br>Co., Devon, N.B.                            |
| Rapids King,<br>122607 Montreal, P.Q.        | 1.801 1907 Steel,<br>1.200 Toronto, Ont.     | Pass. 865        | Sorel, P.Q.<br>6-6-19             | F. X. H.<br>P. D.    | 2-7-19<br>28-6-19   | Tw. Ser. 171.4 | Montreal and Prescott.                        | The Canada SS. Lines, Ltd.,<br>Montreal, P.Q.                             |
| Rapids Prince,<br>130418 Montreal, P.Q.      | 1.384 1911 Sorel,<br>955 Toronto, Ont.       | Pass. 500        | Sorel, P.Q.<br>9-6-19             | F. X. H.<br>P. D.    | 14-6-19<br>9-6-20   | Tw. Ser. 102   | Montreal and Brockville                       | Canada SS. Lines, Montreal,<br>P.Q.                                       |
| Ray Stanton,<br>130231 Kingston, Ont.        | 34 1910 Wood,<br>20 Collingwood, Ont.        | Tug.             | Kingston, Ont.<br>11-6-19         | T. P. T.             | 9-6-19<br>9-6-20    | Ser. 8.4       | Kingston and Bay of<br>Quinte.                | G. Pyke, Wolfe Island, Ont.   |
| Rayon d'Or,<br>134737 Halifax, N.S.          | 342 1912 Steel,<br>191 Beverly, G.B.         | Fishing<br>Boat. | Halifax, N.S.<br>2-7-19           | D. J. M.<br>A. McD.  | 9-8-19<br>3-4-20    | Ser. 68        | Halifax and Coastwise.                        | Golden Ray Fishing Co.,<br>Montreal, P.Q.                                 |
| Red Fir,<br>121980 Victoria, B.C.            | 73 1883 Wood,<br>41 Seattle, U.S.A.          | Tug.             | Victoria, B.C.<br>1-3-20          | B. M.                | 2-3-20<br>28-2-21   | Ser. 10.7      | Coasting.                                     | Charles Bruce, Victoria,<br>B.C.  |
| Red Island No. 3,<br>96888 Ottawa, Ont.      | 152 Not known.                               | 1-Ship.          | Quebec, P.Q.<br>7-4-19            | J. A. S.             | 2-4-19<br>7-4-20    | Sail           | Red Islet Station                             | Minister, Marine and Fish-<br>eries, Ottawa, Ont.                         |
| Regal R.<br>133179 Prince Rupert, B.C.       | 8 1910 Wood,<br>6 Prince Rupert, B.C.        | Pass. 12         | Prince Rupert, B.C.<br>25-6-19    | B. M.                | 30-6-19<br>25-6-20  | Ser. 1         | Prince Rupert and Stew-<br>art (summer only). | John A. Swanson, Prince<br>Rupert, B.C.                                   |
| Reginald,<br>100654 Sarnia, Ont.             | 265 1894 Wood,<br>122 Garden Island, Ont.    | Tug.             | Victoria Harbour<br>8-10-19       | G. M. A.             | 16-10-19<br>30-9-20 | Ser. 48.2      | Georgian Bay.                                 | Victoria Harbour Lumber<br>Co., Toronto, Ont.                             |
| Reliance,<br>895281 Montreal, P.Q.           | 239 1881 Wood,<br>169 Deseronto.             | Frt.             | Sorel, P.Q.<br>21-5-19            | F. X. H.             | Not issued.         | Tw. Ser. 25.8  | Valleyfield and Mont-<br>real.                | Adolf. Loner, Montreal,<br>P.Q.   |
| Reliance,<br>97115 Sault Ste. Marie,<br>Ont. | 311 1892 Composite,<br>182 Collingwood, Ont. | Pass. tug.<br>15 | Sault Ste. Marie, Ont.<br>23-5-19 | P. W. L.<br>S. D. A. | 26-5-19<br>20-5-20  | Ser. 60.7      | St. Mary's River.                             | Lake Superior Paper Co.,<br>Sault Ste. Marie, Ont.                        |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'enregistrement. | Tonnage. | Where and when Built—Material.<br>Amûc et lieu de construction—Matériau de la coque. | Tide—No of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate Issued—Expires.<br>Certificat: Délivrance—Expiration. | Propulsion—N.H.P.<br>Propulsion—N. en H.P. | Route.                                 | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|----------|--|---|--|---|---|--|--|--|
| Reliance<br>103106 Vancouver, B.C.  | 36       | 1897 Wood<br>New Westminster, B.C.   | Tug   | Vancouver, B.C.<br>25-3-20                                   | A. F.   | 9-4-20<br>6-2-21  | 39   | Vancouver and Straits of Georgia.      | Kingscome Nav. Co., Ltd., Vancouver, B.C.                          |
| Rescue<br>88244 Port Arthur, Ont.   | 52       | 1885 Wood<br>Deseronto, Ont.   | Tug.  | Port Arthur, Ont.<br>7-8-19                                  | W. J. V.  | 7-8-19<br>7-8-20  | 21   | Port Arthur and Jackfish.              | Superior Sand and Towing Co., Port Arthur, Ont.                    |
| Reserve<br>85710 Ottawa, Ont.   | 114      | 1905 Wood<br>Buffalo, N.Y.   | Tug.  | Sorel, P.Q.<br>21-5-19                                       | F. X. H.  | 22-5-19<br>21-5-20  | 6  | Montreal and Quebec.                   | The Minister of Marine and Fisheries, Ottawa, Ont.                 |
| Respond.<br>133708 Victoria, B.C.   | 30       | 1913 Wood<br>Vancouver, B.C.   | Tug.  | Victoria, B.C.<br>30-8-19                                    | W. J. C.  | 30-8-19<br>29-8-20  | 9 1  | Coasting.                              | W. F. Gardner, Victoria, C.B.                                      |
| Reshless.<br>117159 New Westminster, B.C.   | 53       | 1906 Wood<br>New Westminster, B.C.   | Fshy. crsr.                                 | Esquimalt, B.C.<br>30-7-19                                   | W. J. C.  | 31-7-19<br>28-7-20  | 16   | Coasting.                              | Minister, Marine and Fisheries, Ottawa, Ont.                       |
| Rex.<br>122514 Vancouver, B.C.  | 14       | 1907 Wood<br>Vancouver, B.C.   | Tug.  | Vancouver, B.C.<br>20-11-19                                  | A. F.   | 28-11-19<br>19-11-20  | 5 6  | Duncan Island and Comox Channel, B.C.  | G. A. Graham, Duncan Island, B.C.                                  |
| Rex.<br>141092 Chatham, N.B.  | 80       | 1919 Wood<br>Donglastown, N.B.   | Tug.  | Chatham, N.B.<br>5-8-19                                      | C. E. D.  | 11-8-19<br>5-8-20   | 6  | Essexville Village and Portage Island. | J. W. Brankley, Chatham, Ont.                                      |
| Richard B.<br>Intended Port Arthur, Ont.  | 73       | 1901 Wood<br>Vermillion, Ohio  | Tug.  | Port Arthur, Ont.<br>6-4-19                                  | W. J. V.  | Not issued.   | 17   | Port Arthur and Ross Arthur, Ont.      | Russell Timber Co., Port Arthur, Ont.                              |
| Richard W.<br>133822 Montreal, P.Q.   | 1,493    | 1891 Wood<br>Milwaukee, U.S.A.   | Frt.  | Kingston, Ont.<br>8-19                                       | T. P. T.<br>M. R. D.                                | 9-4-19<br>8-4-20  | 38   | Port William and Father Point.         | Richard W., Limited, Quebec, P.Q.                                  |
| Richard.<br>117023 Sydney, N.S.   | 162      | 1884 Wood<br>Lynn, P.Q.  | Pass.                                       | Sydney, N.S.<br>19-4-19                                      | D. J. M.<br>A. M. D.                                | 12-5-19<br>16-10-19   | 20 2                                       | Mulgrave and Grand Narrows.            | Richmond Steamship Co., Sydney, N.S.                               |
| Rideau Queen.<br>107742 Kingston, Ont.  | 351      | 1900 Wood<br>Kingston, Ont.  | Pass.                                       | Trenton.<br>16-5-19  | M. R. D.  | Not issued.   | 25   | Trenton and Quebec.                    | Rideau Lakes Nav. Co., Ltd., Kingston, Ont.                        |
| Rita B. (ex Chateauguay).<br>168099 Montreal, P.Q.  | 176      | 1893 Steel<br>Montreal, P.Q.   | Pass.                                       | Montreal, P.Q.<br>9-5-19                                     | J. F. L.<br>P. D.                                   | 9-6-19<br>9-6-20  | 19   | Montreal and Berthier.                 | Joseph Beaudoin, Montreal, P.Q.                                    |
| Rival.<br>66064 Montreal, P.Q.  | 126      | 1873 Wood<br>Quebec, P.Q.  | Tug.  | Sorel, P.Q.<br>23-4-19                                       | F. X. H.  | 30-4-19<br>23-4-20  | 34 1                                       | Sorel and Chambly.                     | Sincomes-McNaughton Line, Montreal, P.Q.                           |
| Riverside.<br>Alexander Bay, N.Y.   | 94       | 1892 Wood<br>Buffalo, N.Y.   | Pass.                                       | Brockville, Ont.<br>15-7-19                                  | T. P. T.<br>M. R. D.                                | 24-7-19<br>10-6-20  | 28 1                                       | Alexander Bay and Massem.              | Holmes Bros., Redwood, N.Y.  |
| Riverton.<br>137898 Toronto, Ont.   | 4,423    | 1896 Steel<br>Bay City, Mich.  | Frt.  | Oudensburg, N.Y.<br>Pt. Colborne.<br>3-4-19                  | J. R. S.<br>W. E.                                   | 9-5-19<br>16-4-20   | 106 5                                      | Duluth and Port Colborne.              | Mathews Steamship Co., Ltd., Toronto, Ont.                         |

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|--|--|---------------------|------------------------------------|------------------------|----------------------|--------------|--------------------------------------|--|
| Robert Downey<br>112191 Clatham, Ont.      | 37 1893 Wood.<br>25 Buffalo, N.Y.                      | Tug.....            | Toronto, Ont.<br>15-5-19           | G. M. A.....           | 15-5-19<br>13-5-20   | Ser 8 5      | Chippewa Creek and<br>Niagara River. | C. S. Boone Dreslg. & Coast.<br>Co., Ltd., Toronto, Ont.       |
| Robert G. Cann<br>130622 Yarmouth, N.S.    | 265 1911 Wood<br>112 Shelburne, N.S.                   | Frt. and<br>pass 35 | Yarmouth, N.S.<br>4-9-19           | N. A. C.<br>D. K. O'R. | 22-9-19<br>4-9-20    | Ser 42       | Mulgrave and Conso.....              | H. Cann & Sons, Yarmouth,<br>N.S.                              |
| Robert K.<br>126648 Port Dover, Ont.       | 57 1917 Wood<br>39 Port Dover, Ont.                    | Tug.....            | Port Dover, Ont.<br>23-10-19       | J. B. S.....           | 28-10-19<br>23-10-20 | Ser 20       | Lake Erie                            | Wm. F. Kolbe, Port Dover,<br>Ont.                              |
| Robert McKay<br>107419 Montreal, P.Q.      | 129 1899 Steel.<br>87 Lewis, P.Q.                      | Tug.....            | Montreal, P.Q.<br>9-5-19           | J. T. G.....           | 12-5-10<br>9-5-20    | Ser 42 6     | Montreal Harbour.....                | Harbour Commissioners,<br>Quebec, P.Q.                         |
| Robert McDonald<br>94821 Kingston, Ont.    | 97 1890 Wood<br>50 Picton, Ont.<br>1915 Rebuilt.       | Frt.....            | Kingston, Ont.<br>25-6-19          | T. P. T.....           | Not issued.          | Ser 18       | Bay of Quinte and Brock<br>ville.    | Arthur and George Sudds,<br>Kingston, Ont.                     |
| Robert R. Rhodes.<br>131109 Montreal, P.Q. | 1,599 1887 Wood.<br>957 Cleveland, Ohio.               | Frt.....            | Ogdensburg, U.S.A.<br>23-4-19      | T. P. T.<br>M. R. D.   | 9-5-19<br>25-4-20    | Ser 80 6     | Lake Erie and Chincou-<br>tini.      | Geo. Hall Coal Co., Mont-<br>real, P.Q.                        |
| Roberval.<br>116226 Quebec, P.Q.           | 126 1902 Composite.<br>71 Roberval, P.Q.               | Tug.....            | Roberval, P.Q.<br>18-6-19          | J. A. S.....           | Not issued.          | Pdl. 10      | Lake St. John                        | La Cie de Pulpe d'Alma,<br>P.Q.                                |
| Robie M.<br>122024 Halifax, N.S.           | 67 1907 Wood<br>31 Liverpool, N.S.                     | Frt.....            | Picton, N.S.<br>21-4-19            | N. A. C.....           | 25-4-19<br>21-4-20   | Ser 19 8     | Picton and Port Hood.                | J. W. Langille, Halifax, N.S.                                  |
| Rochester<br>207073 Duluth, U.S.A.         | 1,094 1909 Steel.<br>867 Wyandotte, U.S.A.             | Pass.....           | Toronto, Ont.<br>15-7-19           | J. D.....              | 15-7-19<br>8-7-20    | Tw. ser. 187 | Toronto and Ogdens-<br>burg.         | American Interlake Co.,<br>Michigan, U.S.A.                    |
| Rock Ferry.<br>130419 Montreal, P.Q.       | 1,454 1892 Wood.<br>716 Cleveland, Ohio.               | Frt.....            | Montreal, P.Q.<br>24-4-19          | J. E. L.<br>P. J. D.   | 28-4-19<br>23-4-20   | Ser 90-1     | Eric and Father Point                | Geo. Hall Coal Co., Mont-<br>real, P.Q.                        |
| Rocket.<br>107216 Winnipeg, Man.           | 56 1899 Wood.<br>21 Selkirk, Man.<br>1911 Selkirk, Man | Fishing<br>boat.    | Selkirk, Man.<br>7-5-19            | J. T. M.....           | 9-5-19<br>8-5-20     | Ser 16-7     | Lake Winnipeg.                       | Northwest Nav. Co., Win-<br>nipeg, Man.                        |
| Rockland<br>131129 Ottawa, Ont.            | 75 1882 Wood.<br>38 Rockland, Ont.                     | Tug.....            | Hull, P.Q.<br>15-5-19              | J. T. G.....           | 28-8-19<br>15-5-20   | Ser 6-5      | Ottawa and Greenville.               | Geo. Charron and Blaire<br>Bray, Gatineau Point, P.Q.          |
| Roddy, S<br>138622 Winnipeg, Man.          | 58 1918 Wood.<br>39 Selkirk, Man.                      | Tug.....            | Selkirk, Man.<br>6-5-19            | W. J. V.....           | 8-5-19<br>8-5-20     | Ser 13-5     | Lake Winnipeg.                       | Northern Fish Co., Selkirk,<br>Man.                            |
| Rolyat<br>137984 Kingston, Ont.            | 9 1905 Wood.<br>Picton, Ont.                           | Pass.....           | Tyandinago,<br>2-7-19              | M. R. D.....           | Not issued.          | Pdl.         | Tyandinago and Prince<br>Edward.     | Quinte Transfer Co., Ltd.,<br>Belleville, Ont.                 |
| Rona<br>112348 Liverpool, N.S.             | 70 1903 Wood.<br>42 Liverpool, N.S.                    | Tug.....            | Charlottetown, P. E. I.<br>24-6-19 | C. E. D.....           | 27-6-19<br>24-6-20   | Ser 9-6      | Coasting.....                        | Minister of Public Works,<br>Ottawa, Ont.                      |
| Rosalie L.<br>130928 Montreal, P.Q.        | 74 1912 Steel.<br>38 Sorel, P.Q.                       | Tug.....            | Sorel, P.Q.<br>15-4-19             | P. X. H.....           | 30-4-19<br>15-4-20   | Ser 28-1     | Montreal Harbour and<br>Canal.       | Simennes McNaughton Lane,<br>Montreal, P.Q.                    |
| Roseland<br>132506 Liverpool, G. B.        | 2,163 1911 Steel.<br>1,336 Port Glasgow, G. B.         | Pass.....           | Halifax, N.S.<br>8-1-20            | N. A. C.<br>A. McG.    | 8-1-20<br>3-1-21     | Ser 302      | Halifax and New York.                | New York, Nfld. and Hal-<br>ifax S.S. Co., Liverpool,<br>G. B. |
| Rosema B.<br>138350 Halifax, N.S.          | 320 1917 Wood.<br>181 Malbone Bay, N.S.                | Tug.....            | Halifax, N.S.<br>10-6-19           | D. J. M.<br>A. McG.    | 10-6-19<br>10-6-20   | Ser 54       | Halifax and coasting                 | Class. Beister, and Son,<br>Halifax, N.S.                      |
| Rosemary<br>122122 Halifax, N.S.           | 41 1906 Wood.<br>28 Sable River, N.S.                  | Fishing<br>boat.    | Halifax, N.S.<br>2-3-19            | D. J. M.....           | 2-3-20<br>2-3-21     | Ser 8-3      | Coasting.....                        | Mrs. R. Neville, Halifax,<br>N.S.                              |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Ports d'encregistrement. | Tonnage.       | Where and when Built—Material.<br>Année et lieu de construction—Nature du la coque. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors—Initiales.<br>Initiales des inspecteurs. | Certificate—Expires.<br>Certificat—Défaillance—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. en H. P. | Route.  | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|--|----------------|---|---|--|---|--|---|---|--|
| Rosspout<br>138062 Port Arthur, Ont.   | 19<br>8        | 1915 Steel, Ont.  | Fish. tug.                                    | Rosspout, Ont.<br>24-9-19                                    | W. J. V.  | 30-9-19<br>24-9-20   | Ser.<br>8-1                                   | Jackfish and Nipigon Straits.                   | Fred. Gerow, Rosspout, Ont.  |
| Rolandus<br>130251 Windsor, N. S.  | 123<br>66      | 1910 Wood<br>Shellburne, N. S.  | Pass.   | Hantsport, N. S.<br>1-8-19<br>11-7-19                        | N. A. C.<br>A. McD.                                 | 9-8-19<br>1-2-20   | Ser.<br>19-8                                  | Windsor and Summersville.                       | Steamship Rolandus Co., Summersville, N. S.                        |
| Rouder<br>123277 Victoria, B. C.   | 7<br>5         | 1914 Wood,<br>Port George, B. C.  | Frt. and<br>pass. 9                           | Port George,<br>29-7-19                                      | B. M.   | Not issued.  | Ser.<br>1                                     | Fraser River.                                   | Bodin & Frede, Port George, B. C.                                  |
| Rouville.<br>126528 Ottawa, Ont.   | 301<br>144     | 1906 Wood,<br>Sorel, P. Q.  | Govt. ser.                                    | Quebec<br>1-4-19<br>18-1-19                                  | J. A. S.<br>P. D.                                   | 18-4-19<br>18-4-20   | Ser.<br>54                                    | Coasting.                                       | Minister, Marine and Fisheries, Ottawa, Ont.                       |
| Royer<br>121918 Kenora, Ont.   | 11<br>7        | 1907 Wood,<br>Kenora, Ont.  | Fishing tug                                   | Kenora, Ont.<br>25-8-19                                      | W. J. V.  | 25-8-19<br>25-8-20   | Ser.<br>1-2                                   | Lake of the Woods.                              | The Armstrong Trading Co., Portage la Prairie, Man.                |
| Royalite<br>134513 Sarnia, Ont.  | 2,052<br>1,542 | 1916 Steel<br>Collingwood, Ont  | Oil tanker                                    | Brooklyn, N. Y.<br>19-11-19<br>10-12-19                      | J. D.<br>W. E.                                      | 10-12-19<br>10-12-20                                       | Ser.<br>95-6                                  | Great Lakes and coasting.                       | Imperial Oil Co., Ltd., Toronto, Ont.                              |
| Ruby<br>126057 Owen Sound, Ont   | 20<br>14       | 1908 Steel,<br>Toronto, Ont.  | Tug.  | Selkirk, Man.<br>6-5-19                                      | J. T. M.  | Not issued.  | Tw ser.<br>1                                  | Red River.                                      | The Minister of Public Works, Ottawa, Ont.                         |
| Ruby L.<br>122148 Annapolis, N. S.   | 119<br>51      | 1907 Wood,<br>Margaretville, N. S.  | Pass. 9                                       | Margaretville, N. S.<br>13-7-19<br>11-7-19                   | N. A. C.<br>A. McD.                                 | 21-7-19<br>14-7-20   | Ser.<br>16-6                                  | Margaretville and St. John.                     | Bay of Fundy and Minas Basin S.S. Co., Margaretville, N. S.        |
| Rumahout<br>126057 Owen Sound, Ont   | 9<br>6         | Wood,<br>Unkown, U. S. A.   | Tug.  | Warton, Ont.<br>18-9-19                                      | J. T. G.  | Not issued.  | Ser.<br>2                                     | Sho'ld waters at Warton, Ont.                   | E. Wright, Warton, Ont.  |
| Russell<br>103848 Ottawa, Ont.   | 75<br>45       | 1896 Steel,<br>Rockland, Ont  | Tug.  | Ottawa, Ont.<br>16-5-19                                      | J. T. M.  | 27-5-19<br>16-5-20   | Ser.<br>8-5                                   | Ottawa River.                                   | W. C. Edwards, Lumber Co., Ottawa, Ont.                            |
| Russell Roque.<br>100024 Toronto, Ont.   | 39<br>27       | 1899 Wood,<br>Roules Point, Ont   | Tug.  | Killarney, Ont.<br>22-7-19                                   | P. W. L.  | 31-7-19<br>22-7-20   | Ser.<br>9-4                                   | Georgian Bay and North Channel.                 | U. Roque, Killarney, Ont.  |
| Ruth B<br>141551 Vancouver, B. C.  | 65<br>37       | 1919 Wood,<br>Ocean Falls, B. C.  | Pass. 30                                      | Vancouver, B. C.<br>4-3-20                                   | H. G. B.  | 5-3-20<br>3-3-21   | Ser.<br>2                                     | Ocean Falls and Dean Barke and Fisher Channels. | Pacific Mills Ltd., Vancouver, B. C.                               |
| S. B. Grubell.<br>126644 Port Dover, Ont   | 40<br>27       | 1912 Wood,<br>Port Dover, Ont.  | Fish. tug.                                    | Port Dover, Ont.<br>25-7-19                                  | J. B. S.  | 25-7-19<br>25-7-20   | Ser.<br>4-8                                   | Lake Erie.                                      | Wm. F. Kelbo, Port Dover, Ont.                                     |
| Sable I.<br>136307 Windsor, N. S.  | 734<br>341     | 1914 Steel,<br>Paisley, G. B.   | Pass. 20                                      | Holifax, N. S.<br>18-2-20<br>23-2-20                         | N. A. C.<br>A. McD.                                 | 23-2-20<br>18-2-21   | Ser.<br>85-2                                  | Coasting.                                       | J. A. Farquhar, Halifax, N. S.                                     |

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|--------------------------------|---------------------------|-------------------|-----------------------------------|----------------------|--------------------|-------------------|---|---|
| Sudrie,<br>100497              | Victoria, B.C.            | Tug.              | Victoria, B.C.<br>21-2-20         | B. M.                | 23-2-20<br>20-2-21 | Ser.<br>13-5      | Coasting.                               | Victoria Tug Co.,<br>B.C.                               |
| Suganey,<br>130526             | Montreal, P.Q.            | Frt. and<br>pass. | Sorel, P.Q.<br>14-4-19<br>5-3-20  | E. X. H.<br>P. D.    | 14-4-19<br>5-3-20  | Tw. ser.<br>283-5 | Montreal and Chicou-<br>timi.           | The Canada S.S. Lines, Ltd.,<br>Montreal, P.Q.          |
| St. Andrew,<br>85001           | Chattham, N.B.            | Tug.              | Chattham, N.B.<br>6-8-19          | C. E. D.             | 11-8-19<br>6-8-20  | Ser.<br>36-3      | Esquimaux and Portage<br>Island.        | J. B. Snowball & Co., Chat-<br>tham, N.B.               |
| St. Charles,<br>111618         | Quebec, P.Q.              | Tug.              | Three Rivers, P.Q.<br>5-18-19     | F. X. H.             | 11-8-19<br>5-8-20  | Ser.<br>4-8       | Three Rivers Harbour.                   | Shawinigan Water and Power<br>Co., Montreal, P.Q.       |
| St. Clair,<br>107246           | Vancouver, B.C.           | Tug.              | Vancouver, B.C.<br>13-5-19        | A. F.                | 19-5-19<br>1-4-20  | Ser.<br>27-3      | Vancouver and Straits<br>of Georgia.    | Whalon Pulp and Paper<br>Mills Ltd., Vancouver,<br>B.C. |
| St. Claire,<br>207552          | Detroit, Mich.            | Pass.             | Windsor, Ont.<br>12-5-19          | J. D.                | 27-7-19<br>22-5-20 | Ser.<br>131-5     | Detroit River.                          | Detroit and Windsor Ferry<br>Co., Detroit, Mich.        |
| St. Croix,<br>80731            | Quebec, P.Q.              | Frt. pass.<br>300 | Quebec, P.Q.<br>3-5-19            | J. A. S.             | 7-6-19<br>31-5-20  | Pull.<br>56       | Quebec and Lotbinière                   | E. Boisvert, Ste. Croix, P.Q.                           |
| St. Emile,<br>138526           | Winnipeg.                 | Fishg. tug.       | Fort Chipewyan, Alta.<br>10-6-19  | J. T. M.             | 17-6-19<br>16-6-20 | Ser.<br>1-2       | Lake Athabaska.                         | R. C. Mission, Fort Chip-<br>ewyan, Alta.               |
| St. Gabriel,<br>Winnipeg, Man. | Alta.                     | Fishing tug.      | Resolution, N.W.T.<br>7-7-19      | J. T. M.             | 7-7-19<br>7-7-20   | Ser.<br>1         | Slave River and Slave<br>Lake.          | R. C. Mission, Resolution,<br>N.W.T.                    |
| St. George,<br>not registered. | Georgetown, P.E.I.        | Ferry.            | Georgetown, P.E.I.<br>11-9-19     | C. E. D.<br>W. R. B. | Not issued.        | Ser.<br>40        | South Cardigan to New-<br>port.         | Local Govt., P.E.I.                                     |
| St. Joe,<br>132434             | Sault Ste. Marie,<br>Ont. | Tug.              | Sault Ste. Marie, Ont.<br>20-5-19 | P. W. L.             | 30-5-19<br>20-5-20 | Ser.<br>4-8       | St. Marys River.                        | T. J. Scott, Sault Ste.<br>Marie, Ont.                  |
| St. Kitts,<br>103942           | Chattham, N.B.            | Tug.              | Chattham, N.B.<br>6-8-19          | C. E. D.             | 11-8-19<br>6-8-21  | Pull.<br>5-4      | Esquimaux and Portage<br>Island.        | J. B. Snowball & Co., Chat-<br>tham, N.B.               |
| St. Lawrence,<br>116002        | Cape Vincent,             | Pass.<br>550      | Clayton, Ont.<br>12-7-19          | T. P. T.             | Not issued.        | Ser.<br>34        | Cape Vincent and St.<br>Lawrence River. | Thousand Island Steamboat<br>Co., Kingston, Ont.        |
| St. Lawrence,<br>117295        | St. John's, Nfld.         | Whlr.             | Victoria, B.C.<br>30-4-19         | W. J. C.             | 30-4-19<br>15-4-20 | Ser.<br>40        | Victoria and coasting.                  | The Victoria Whaling Co.,<br>Toronto, Ont.              |
| St. Louis,<br>71622            | Montreal, P.Q.            | Tug.              | Montreal, P.Q.<br>17-4-19         | J. E. L.             | 28-4-19<br>17-4-20 | Ser.<br>24        | Montreal and Oka.                       | The Montreal Sand and<br>Gravel Co., Montreal, P.Q.     |
| St. Maurice,<br>111485         | Quebec, P.Q.              | Tug.              | Rimouski, P.Q.<br>9-8-19          | J. A. S.             | Not issued.        | Ser.<br>3-3       | Rimouski Harbour.                       | Raymond & Talbot,<br>Rimouski, P.Q.                     |
| St. Nicholas,<br>92411         | Chattham, N.B.            | Tug.              | Chattham, N.B.<br>6-8-19          | C. E. D.             | 11-8-19<br>6-8-20  | Ser.<br>20-3      | Esquimaux and Portage<br>Island.        | J. B. Snowball & Co., Chat-<br>tham, N.B.               |
| St. Paul,<br>71641             | Montreal, P.Q.            | Tug.              | Tonawanda,<br>13-6-19             | J. B. S.             | Not issued.        | Ser.<br>35-7      | Buffalo and Bridgeburg,<br>N.Y.         | J. W. Hennessy Co., Buffalo,<br>N.Y.                    |
| St. Peter,<br>71623            | Montreal, P.Q.            | Tug.              | Montreal, P.Q.<br>23-6-19         | J. T. G.             | 2-7-19<br>23-6-20  | Ser.<br>13-6      | Montreal Harbour.                       | Harbour Commissioners,<br>Montreal, P.Q.                |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.              | Where and when Built—Material.   | Trade—No. of Pass.      | Port and Date of Inspection.  | Inspectors' Initials.     | Certificate Issued—Expire.           | Propulsion—N. H. P.    | Route.                        | Name and Address of Owners.                        |
|--|--|-------------------------|-------------------------------|---------------------------|--------------------------------------|------------------------|-------------------------------|--|
| Noms des navires—Numéros officiels—Ports d'enregistrement. | Amiée et lieu de construction—Nature de la coque.                        | Service—Nombre de pass. | Ports et dates d'inspection.  | Initiales des inspecteurs | Certificat de Délivrance—Expiration. | Propulsion—N. en H. P. |                               | Noms et adresses des propriétaires.                |
| Sagamou<br>122218 Toronto, Ont.                            | 714 1906 Steel<br>420 Toronto, Ont.                                      | Pass.<br>200            | Gravenhurst, Ont.<br>28-5-19  | G. M. A.                  | 2-7-19<br>28-6-20                    | Tw. ser.<br>69         | Maskoka Lakes.                | Maskoka Lakes Nav. and Hotel Co., Toronto, Ont.    |
| Sam British<br>122551 Kenora, Ont.                         | 26 1909 Wood<br>7 Collingwood, Ont.                                      | Tug.                    | The Pas, Man.<br>30-4-19      | S. D. A.<br>J. T. M.      | 15-9-19<br>30-4-20                   | Ser.<br>4              | Sturgeon Ldg. and The Pas.    | Geo. F. Bancroft, The Pas, Man.                    |
| Sansou<br>100423 Ottawa, Ont.                              | 15 1883 Steel<br>7 Simcoe, Ont.  | Tug.                    | Chemung Boom, Ont.<br>20-5-19 | J. E. L.                  | 27-5-19<br>20-5-20                   | P.H.<br>2-7            | Chemung Boom.                 | Upper Ottawa Improvement Co., Ottawa, Ont.         |
| Sansou<br>111029 Quebec, P.Q.                              | 91 1901 Composite.<br>61 Grand Piles, P.Q.                               | Tug.                    | Montreal, P.Q.<br>16-4-19     | J. E. L.                  | 28-4-19<br>16-4-20                   | Tw. ser.<br>7          | Montreal and Oka.             | Montreal Sand and Gravel Co., Montreal, P.Q.       |
| Sansou<br>122312 Lunenburg, N.S.                           | 110 1907 Wood<br>49 Shelburne, N.S.                                      | Tug.                    | Halifax, N.S.<br>7-11-19      | D. J. M.                  | 10-11-19<br>7-11-20                  | Ser.<br>32-6           | Coastling.                    | Purves Wilby & Co., Halifax, N.S.                  |
| Sansou<br>131304 New Westminster, B.C.                     | 435 1914 Wood<br>227 Port Coquitlam, B.C.                                | Sting boat.             | Vancouver, B.C.<br>2-5-19     | A. F.                     | 21-6-19<br>18-4-20                   | Strn. whel.<br>13-1    | Fraser River.                 | Minister of Public Works, Ottawa, Ont.             |
| Stuquell Marshull<br>107426 Brockville, Ont.               | 772 1888 Wood<br>510 Grand Haven, Mich.                                  | Frt.                    | Brockville, Ont.<br>22-4-19   | T. P. T.<br>M. R. D.      | 21-6-19<br>22-4-20                   | Ser.<br>72-1           | Chicago and Father Pt.        | Frank and Millar, Montreal, P.Q.                   |
| Sundford<br>103888 Ottawa, Ont.                            | 56 1897 Wood<br>38 Goderich, Ont.  | Tug.                    | Midland, Ont.<br>27-6-19      | P. W. L.                  | 30-6-19<br>1-12-19                   | Ser.<br>29-1           | Georgian Bay.                 | Standard Chemical Iron and Lbr. Co., Toronto, Ont. |
| Sundon<br>107451 Vancouver, B.C.                           | 96 1898 Wood<br>65 Roseberry, B.C.                                       | Frt. and pass.          | Slovan, B.C.<br>2-6-19        | W. J. C.                  | 3-6-19<br>1-6-20                     | Ser.<br>19-5           | Slovan City and Rosberry.     | Can. Pac. Ry., Montreal, P.Q.                      |
| Supper<br>133110 Amherstburg, Ont.                         | 59 1887 Wood<br>40 Buffalo, N.Y.   | Tug.                    | Toronto, Ont.<br>13-8-19      | G. M. A.                  | 4-9-19<br>12-8-20                    | Ser.<br>14             | Lakes and coastling.          | S. K. Fraser, Amherstburg, Ont.                    |
| Supho<br>13928 Detroit, Mich.                              | 224 1883 Wood<br>151 Detroit, Mich.                                      | Pass.                   | Windsor, Ont.<br>2-8-19       | J. D.                     | 27-6-19<br>19-5-20                   | Ser.<br>26-6           | Windsor and Detroit.          | Detroit and Windsor Ferry Co., Detroit, Mich.      |
| Sorselle<br>96734 Chatham, N.B.                            | 22 1890 Wood<br>15 Dongastown, N.B.                                      | Tug.                    | Chatham, N.B.<br>6-8-19       | C. E. D.                  | 11-8-19<br>6-8-20                    | Ser.<br>11-2           | Escuminac and Portage Island. | J. W. Brankley, Chatham, N.B.                      |
| Sarnia City<br>120227 Sarnia, Ont.                         | 68 1909 Wood<br>68 Sarnia, Ont.  | Tug.                    | Dartmouth, N.S.<br>10-2-20    | N. A. C.<br>A. McD.       | 10-2-20<br>10-2-21                   | Ser.<br>84-5           | Coastling.                    | Maritime Wrecking and Salvage Co., Halifax, N.S.   |
| Sornian<br>134011 Port Arthur, Ont.                        | 2-656 1885 Steel<br>1-710 Cleveland, Ohio.                               | Frt.                    | Collingwood, Ont.<br>24-3-19  | P. W. L.<br>S. D. A.      | 14-4-19<br>14-4-20                   | Ser.<br>146            | All Lakes and rivers.         | Canada Interlake Line, Ltd., Toronto, Ont.         |
| Sornor<br>133824 Montreal, P.Q.                            | 1-319 1888 Wood<br>1-152 West Bay City, Mich.<br>1896 Marine City, Mich. | Frt.                    | Montreal, P.Q.<br>19-5-19     | J. T. G.<br>P. D.         | 27-5-19<br>19-5-20                   | Ser.<br>79-2           | All lakes and rivers.         | Frederic R. Johnson, Port Colborne, Ont.           |

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|---|---|-----------------------------|--|----------------------|--------------------|--------------------|--|--|
| Savoys<br>10887 London, G.B.                | 348 1865 Iron<br>184 Montreal, G.B.                               | Frt. and<br>pass.<br>26     | Quebec, P.Q.<br>23-4-19<br>11-4-19         | J. A. S.<br>P. D.    | 25-4-19<br>23-4-20 | Ser<br>41-8        | Quebec, Anticosti and<br>Pictou.           | La Maritime and Com-<br>merciale du Bas St.<br>Laurent, P.Q. |
| Scania (ex Falcon)<br>14135 Vancouver, B.C. | 51 1908 Wood<br>33 Anacortes, Wash.                               | Pass.<br>140                | Vancouver, B.C.<br>7-6-19<br>13-6-19       | H. G. R.             | 14-6-19<br>6-6-20  | Ser<br>14          | Vancouver, Port Moody<br>and Indian River. | G. W. Brewster, Vancouver,<br>B.C.                           |
| Schoedraff<br>134270 Midland, Ont.          | 972 1884 Wood<br>600 Trenton, Mich.                               | Frt. and tug<br>pass.<br>40 | Montreal, P.Q.<br>29-4-19<br>30-4-19       | J. E. L.<br>M. R. D. | 29-5-19<br>29-4-20 | Ser<br>82-5        | All lakes and rivers.....                  | Manley Chew, Midland,<br>Ont.                                |
| Scodia<br>107829 Victoria, B.C.             | 211 1909 Wood<br>135 Atlin Lake, B.C.                             | Frt. and<br>pass.           | Atlin, B.C.<br>22-7-19                     | B. M.                | Not issued.        | Strn whl.<br>3-4   | Atlin lake.....                            | British Yukon Nav. Co.,<br>Ltd., Victoria, B.C.              |
| Scotia<br>122423 Halifax, N.S.              | 376 1907 Wood<br>208 Mahone Bay, N.S.                             | Frt. and<br>pass.<br>30     | Halifax, N.S.<br>7-7-19<br>10-7-19         | N. A. C.<br>A. M. D. | 10-7-19<br>7-7-20  | Ser<br>53-7        | Halifax and Guysbor-<br>ough.              | Halifax and Canso Steam-<br>ship Co., Halifax, N.S.          |
| Scotia II<br>Ottawa, Ont.                   | 1,830 1915 Steel<br>730 Newswide, G.B.                            | Pass.                       | Halifax, N.S.<br>21-4-19<br>3-5-19         | D. J. M.             | Not issued.        | Tw. ser.<br>301    | Mulgrave and Pt. Tupper                    | The Minister of Railways<br>and Canals, Ottawa, Ont.         |
| Scotsburn<br>126909 Halifax, N.S.           | 221 1910 Wood<br>119 Mahone Bay, N.S.                             | Frt.                        | Halifax, N.S.<br>4-6-19                    | N. A. C.<br>D. J. M. | 5-6-19<br>4-6-20   | Ser<br>32-6        | Coasting.....                              | Halifax and Glace Bay<br>Steamship Co., Halifax,<br>N.S.     |
| Scotchman<br>116831 Ottawa, Ont.            | 21 1901 Wood<br>14 Carleton Place, Ont.<br>1918 Low Bush,<br>Ont. | Tug.                        | Low Bush, Ont<br>13-8-19                   | I. E. L.             | Not issued.        | Ser<br>1-6         | Lake Timiskaming.....                      | Abitibi Power and Paper<br>Co., Ltd., Montreal, P.Q.         |
| Scotsman<br>112386 Ottawa, Ont.             | 265 1903 Composite<br>111 Ottawa, Ont.                            | Frt. and<br>pass.           | Hull, P.Q.<br>22-4-19<br>22-4-19           | J. E. L.<br>P. D.    | 29-4-19<br>22-4-20 | Ser<br>17-4        | Ottawa-Montreal.....                       | Ottawa Trans. Co., Ottawa,<br>Ont.                           |
| Scout.<br>1917 Kingston, Ont.               | 176 1900 Wood<br>70 Cardinal, Ont.                                | Buoy ser.<br>and pass.<br>6 | Prescott, Ont.<br>16-3-20                  | T. P. T.<br>M. R. D. | 29-7-20<br>18-3-21 | Ser<br>18-4        | Montreal-Kingston.....                     | Minister of Marine and Fish-<br>eries, Ottawa, Ont.          |
| Scowlitz<br>126080 Vancouver, B.C.          | 178 1908 Wood<br>112 Harrison River, B.C.                         | Tug.                        | Vancouver, B.C.<br>15-3-20                 | A. F.                | 7-5-20<br>14-3-21  | Strn. whel<br>17-1 | Harrison River and<br>Lake.                | Rat. Portage Lumber Co.,<br>St. Boniface, Man.               |
| Sea Bird<br>152709 Halifax, N.S.            | 41 1886 Wood<br>25 Liverpool, N.S.                                | Water boat                  | Sydney, C. B.<br>20-8-19                   | D. J. M.             | 30-8-19<br>20-8-20 | Ser<br>13-5        | Sydney Harbour.....                        | Frasar Bros., Edwardsville,<br>C. B.                         |
| Sea Breeze<br>201279 Buffalo, N.Y.          | 87 1907 Steel<br>59 Buffalo, N.Y.                                 | Pass.<br>500                | Buffalo, N.Y.<br>6-7-19                    | J. B. S.             | 11-7-19<br>19-6-20 | Ser<br>24          | Buffalo Harbour and<br>Niagara River.      | C. and F. Fix, Buffalo, N.Y.                                 |
| Seacrest<br>122425 Halifax, N.S.            | 18 1908 Wood<br>12 Tancook, N.S.                                  | Tug.                        | Charlott., N.B.<br>5-8-19                  | C. E. D.             | 11-8-19<br>5-8-20  | Ser<br>6           | Essequima and Portage<br>Island.           | Dominion Pulp Co., Chut-<br>lain, N.B.                       |
| Seagull<br>96872 Goderich, Ont.             | 31 1890 Wood<br>1913 Owen Sound.                                  | Tug.                        | Port McDiarmid, Ont.<br>9-5-19             | W. J. V.             | 10-5-19<br>9-5-20  | Ser<br>8-2         | Lake Nipigon.....                          | James H. Little, Port<br>Arthur, Ont.                        |
| Sea Gull<br>121848 Toronto, Ont.            | 150 1906 Wood<br>73 Callander, Ont.                               | Tug and<br>pass.<br>40      | Sturgeon Falls, Ont.<br>12-6-19<br>19-6-19 | J. T. G.<br>M. R. D. | 26-6-19<br>12-6-20 | Ser<br>29          | Lake Nipissing.....                        | Armstrong Towing Co.,<br>Coché Bay, Ont.                     |
| Sea King<br>96874 Goderich, Ont.            | 26 1892 Wood<br>17 Warrton, Ont.                                  | Fishing tug                 | South Bay Mouth, Ont.<br>16-7-19           | P. W. L.             | 31-7-19<br>16-7-20 | Ser<br>9-9         | Lake Huron.....                            | Dominion Fish Co., Winni-<br>peg, Man.                       |
| Sea Queen<br>96875 Goderich, Ont.           | 18 1892 Wood<br>12 Goderich, Ont.                                 | Tug.                        | Gore Bay, Ont<br>11-10-19                  | P. W. L.             | Not issued.        | Ser<br>9           | North Channel.....                         | W. E. George and H. Ritch-<br>ing, Gore Bay, Ont.            |
| Sebastien<br>117323 St. John, Nfld.         | 103 1904 Steel<br>117323 St. John, Nor.                           | Tug.                        | Port Mann, B.C.<br>4-7-19                  | A. F.                | 1-8-19<br>3-7-20   | Ser<br>39-1        | Vancouver and Straits of<br>Georgia.       | Victoria Whaling Co., Ltd.,<br>Victoria, B.C.                |

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TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'enregistrement. | Tonnage. | Where and when Built—Material.<br>Année et lieu de construction—Nature de la coque. | Tonnage—No of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs | Certificate: Issued—Expires.<br>Certificat: Délivrance—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. en H. P. | Route.                               | Name and Address of Owners.<br>Noms of addresses des propriétaires.        |
|---|----------|---|--|--|--|--|---|--------------------------------------|--|
| Sagan 97763 Owen Sound, Ont.  | 1, 111   | 1890 Steel  | Frt  | Sarnia, Ont.<br>3-4-19                                       | J. D.<br>S. D. A.                                  | 25-4-19<br>3-1-20  | Ser. 106                                      | Lakes and rivers                     | Parry Sound Lumber Co., Parry Sound, Ont., and P. P. Polson, Toronto, Ont. |
| Selkirk 102095 Victoria, B.C.   | 112      | 1888 Wood   | Frt.   | Vancouver, B.C.<br>23-4-19                                   | A. F.  | 10-10-19<br>15-9-20  | Ser 10-6                                      | Vancouver, Nanaimo and Fraser River. | Frank Waterhouse & Co. of Canada, Ltd., Vancouver, B.C.                    |
| Selkirk 107835 Victoria, B.C.   | 777      | 1901 Wood   | Frt. and Pass.                                 | Dawson, Y.T.<br>10-7-19                                      | B. M.  | 10-7-19<br>9-7-20  | Strn whl. 17-1                                | Yukon River                          | British Yukon Nav. Co., Ltd., Victoria, B.C.                               |
| Senator 80902 Vancouver, B.C.   | 28       | 1880 Wood   | Tug  | Vancouver, B.C.<br>23-4-19                                   | A. F.  | 1-5-19<br>22-4-20  | Ser 9   | Vancouver Harbour and Howe Sound.    | Progressive Steamboat Co., Ltd., Vancouver, B.C.                           |
| Senator Deepshire 112351 Montreal, P.Q.   | 1,246    | 1897 Wood   | Frt.   | Montreal, P.Q.<br>14-4-19                                    | J. E. L.<br>P. D.                                  | 28-4-19<br>11-4-20   | Ser 73-5                                      | Lakes and rivers.                    | George Hall Coal Co. of Canada, Montreal, P.Q.                             |
| Shanrook 90867 Vancouver, B.C.  | 30       | 1887 Wood   | Tug  | Vancouver, B.C.<br>20-5-19                                   | A. F.  | 4-6-19<br>19-5-20  | Ser 19  | Vancouver and Straits of Georgia.    | W. H. Whalen, Vancouver, B.C.  |
| Shanrook II 122335 Kingston, Ont.   | 10       | 1907 Wood   | Pass.  | Port Carling, Ont.<br>22-8-19                                | G. M. A.   | Not issued.  | Ser 4-9                                       | Muskoka Lakes                        | S. H. Green, Fooths Bay, Ont.  |
| Shanrook 107437 Quebec, P.Q.  | 237      | 1898 Wood   | Bay ser.                                       | Sorel, P.Q.<br>2-4-19  | P. X. H.   | Not issued.  | Ser 37-5                                      | Montreal and Quebec.                 | The Public Works Dept., Ottawa, Ont.                                       |
| Shanley 126269 Kingston, Ont.   | 50       | 1908 Wood   | Tug  | Kingston, Ont.<br>11-6-19                                    | T. P. T.   | 11-6-19<br>11-6-20   | Ser 4   | Kingston Harbour                     | J. F. Sowards, Kingston, Ont.  |
| Sheldon 126326 Ottawa, Ont.   | 2,268    | 1912 Steel  | Frt.   | Sylvaux, N.S.<br>3-8-19                                      | D. J. M.<br>A. MeD.                                | 9-8-19<br>1-8-20   | Ser 222                                       | Halifax and foreign ports            | Minister of Railways and Canals, Ottawa, Ont.                              |
| Shirley 119225 Quebec, P.Q.   | 37       | 1903 Wood   | Tug  | Quebec, P.Q.<br>8-4-19                                       | J. A. S.   | 29-4-19<br>29-4-20   | Ser 11  | Quebec and Father Point              | The Magdalen River Valley Ry. Co., New Carlisle, P.Q.                      |
| Shuswap 126330 Vancouver, B.C.  | 33       | 1888 Wood   | Tug  | New Westminster, B.C.<br>3-5-19                              | A. F.  | 8-4-20<br>7-3-21   | Ser 8   | Fraser River                         | Thomas Cooper, New Westminster, B.C.                                       |
| Sicamous 132727 Victoria, B.C.  | 1,787    | 1914 Steel  | Frt. & pass.                                   | Okanagan, B.C.<br>17-3-19                                    | W. J. C.<br>W. J. C.                               | 17-5-19<br>15-5-20   | Strn whl. 101-5                               | Okanagan Landing and Pentticton.     | Can. Pac. Ry., Montreal, P.Q.  |
| Silverland 126410 Ottawa, Ont.  | 92       | 1909 Steel  | Frt. & pass.                                   | Halifaxbury, Ont.<br>23-5-19                                 | J. E. L.<br>M. R. D.                               | 26-6-19<br>23-5-20   | Ser 13-5                                      | Lake Temiskaming                     | Temiskaming Nav. Co., Halifaxbury, Ont.                                    |
| Simba 112144 Montreal, P.Q.   | 1,197    | 1903 Wood   | Frt.   | Kingston, Ont.<br>3-4-19                                     | T. P. T.<br>M. R. D.                               | 25-4-19<br>3-4-20  | Ser 106-3                                     | Duluth and Father Pt                 | Montreal Transportation Co., Montreal, P.Q.                                |

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|--|---|--|--|----------------------|----------------------|---------------|---|--|
| Simon Langell<br>138373 Sarnia, Ont.                               | 903 1886 Wood<br>503 St. Clair, Mich.                 | Erl.   | Cleveland, Ohio<br>14-4-19<br>Sarnia, Ont. | J. D.<br>W. E.       | 21-6-19<br>26-4-20   | Ser. 102      | Lakes and Rivers.....                   | Robt. Scott Mismor, Sarnia,<br>Ont.                                |
| Simmac.<br>140968 Montreal, P. Q.                                  | 250 1918 Wood<br>60 Sorel, P. Q.                      | Tug.   | Sorel, P. Q.<br>26-4-19<br>8-4-20          | F. N. H.<br>F. N. H. | 28-4-19<br>8-4-20    | Ser. 62       | Coasting.....                           | The Sincennes-McNaughton<br>Lane, Montreal, P. Q.                  |
| Simmaco.<br>138507 Montreal, P. Q.                                 | 142 1918 Wood<br>20 Sorel, P. Q.                      | Tug.   | Sorel, P. Q.<br>22-4-19                    | F. N. H.             | 29-4-19<br>22-4-20   | Ser. 54       | Montreal Harbour.....                   | The Sincennes-McNaughton<br>Lanes, Montreal, P. Q.                 |
| Sir Henry Harness<br>57886 Halifax, N. S.                          | 100 1896 Steel<br>59 Cowes, G. B.                     | Tug.   | Liverpool, N. S.<br>25-8-19                | N. A. C.             | 25-8-19<br>14-6-20   | Tw. ser. 33-3 | Coasting.....                           | C. Brieter & Son, Halifax,<br>N. S.                                |
| Sir Hugh Allan<br>130534 Montreal, P. Q.                           | 354 1911 Steel<br>10 Barrow, G. B.                    | Tug. pass.<br>14-From<br>Montreal to<br>Quebec<br>87-Sorel to<br>Montreal. | Montreal, P. Q.<br>24-4-19<br>27-6-19      | J. E. L.<br>P. D.    | 3-7-19<br>24-4-20    | Tw. ser. 196  | St. Lawrence River.....                 | Harbour Commissioners of<br>Montreal, Montreal, P. Q.              |
| Siskiwit (ex Roi Tan)<br>(ex Pacific).<br>134012 Port Arthur, Ont. | 61 1876 Wood<br>41 Buffalo, N. Y.                     | Tug.   | Port Arthur, Ont.<br>17-9-19               | W. J. V.             | 17-9-19<br>17-9-20   | Ser. 11       | Thunder Bay.....                        | The Canadian Towing and<br>wrecking Co., Port Arthur,<br>Ont.      |
| Slocan.<br>121650 Vancouver, B. C.                                 | 605 1905 Wood<br>338 Roseberg, B. C.<br>1918 Rebuilt. | Pass. 62   | Slocan, B. C.<br>3-6-19                    | W. J. C.             | 3-6-19<br>1-6-20     | Strn whl 17-1 | Slocan City and Rose-<br>berry.....     | Can. Pac. Ry. Co., Mon-<br>treal, P. Q.                            |
| Stodd.<br>126724 Peterboro, Ont.                                   | 17 1909 Wood<br>12 Hastings, Ont.                     | Tug.   | Waslago, Ont.<br>8-8-19                    | G. M. A.             | 34-3-20<br>31-7-20   | Ser. 5        | Athorby and Sparrow<br>Lake Chutes..... | The Randolph Macdonald<br>Co., Toronto, Ont.                       |
| Smith.<br>138371 Sarnia, Ont.                                      | 218 1881 Wood<br>115 Buffalo, N. Y.                   | Tug.   | Sarnia, Ont.<br>20-5-19                    | J. D.                | 22-5-19<br>20-5-20   | Ser. 72       | Lakes, etc.....                         | Roid Towing & Wkg. Co.,<br>Montreal, P. Q.                         |
| Sogemads<br>126766 Montreal, P. Q.                                 | 65 1909 Steel<br>6 Rutherglen, G. B.                  | Tug.   | Charlottetown, P. E. I.<br>25-6-19         | C. E. D.             | 27-6-19<br>25-6-20   | Ser. 36       | Coasting.....                           | Minister of Public Works,<br>Ottawa, Ont.                          |
| Sol Duc.<br>240138 Port Townsend,<br>U. S. A.                      | 1,086 1912 Steel<br>607 Seattle, U. S. A.             | Pass. 561  | Victoria, B. C.<br>14-4-19                 | W. J. C.             | 14-4-19<br>3-4-20    | Ser. 113      | Victoria and Seattle.....               | Pugst Sound Nav. Co.,<br>Seattle, U. S. A.                         |
| Souris,<br>133877 Vancouver, B. C.                                 | 57 1913 Wood<br>39 Vancouver, B. C.                   | Pass. 130 S.<br>100 W.   | Vancouver, B. C.<br>6-5-19                 | H. G. R.             | 7-5-19<br>5-5-20     | Ser. 5-4      | Vancouver and W. Van-<br>couver.....    | West Vancouver Ferry Co.,<br>Ltd., Vancouver, B. C.                |
| Soulanges<br>120149 Montreal, P. Q.                                | 333 1909 Wood<br>224 Ferrerille, P. Q.                | Frt.   | Sorel, P. Q.<br>9-5-19<br>2-4-19           | F. N. H.<br>P. D.    | 5-5-19<br>23-5-20    | Pull 33-6     | Montreal and Louiseville.....           | Louis Duergé, Montreal, P. Q.                                      |
| South.<br>88314 Quebec, P. Q.                                      | 349 1885 Wood<br>220 Lewis, P. Q.                     | Pass. 400  | Quebec, P. Q.<br>28-5-19<br>28-5-19        | J. A. S.<br>P. D.    | 28-5-19<br>1-7-19    | Pull 22-5     | Three Rivers and Ste.<br>Angèle.....    | Quebec and Lewis Ferry Co.,<br>Quebec, P. Q.                       |
| South American<br>212244 Erie, Pa.                                 | 2,682 1914 Steel<br>1,427 Leorse, Mich.               | Pass. 538  | Buffalo, N. Y.<br>9-7-19                   | J. B. S.             | 11-7-19<br>13-6-20   | Ser. 249-5    | Great Lakes.....                        | Chicago, Duluth and Geor-<br>gian Bay Transit Co.<br>Chicago, Ill. |
| Spirit.<br>(not registered).                                       | 13 1801 Wood<br>9 Bay City, Mich.                     | Tug.   | Port Arthur, Ont.<br>22-7-19               | W. J. V.             | Not issued.          | Ser. 2        | Port Arthur and Fort<br>William.....    | Superior Sand and Towing<br>Co., Port Arthur, Ont.                 |
| Sport.<br>103666 Winnipeg, Man.                                    | 16 1897 Wood<br>12 Kenora, Ont.                       | Tug.   | Kenora, Ont.<br>3-5-19                     | W. J. V.             | 10-5-19<br>3-5-20    | Ser. 1        | Winnipeg River.....                     | Albert Dusing, Kenora, Ont.  |
| Sprague.<br>134613 Sault-Ste. Marie,<br>Ont.                       | 29 1915 Wood<br>12 Collingwood, Ont.                  | Tug.   | Blind River, Ont.<br>17-10-19              | P. W. L.,            | 29-10-19<br>17-10-21 | Ser. 1-8      | Sprague and vicinity.....               | McFadden and Milloy,<br>Sprague, Ont.                              |

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TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'enregistrement. | Tonnage. | Where and when Built—Material.<br>Année et lieu de construction—Nature de la coque. | Tonnage—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Port et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate Issued—Expires.<br>Certificat: Délivrance—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. en H. P. | Route.                                      | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|----------|---|---|---|---|---|---|---|--|
| Spray 106727 Montreal, P. Q.  | 107      | 1883 Steel Montreal, P. Q.  | Tug.  | Sorel, P. Q. 10-4-19  | F. N. H.  | 26-1-19<br>16-4-20  | Ser. 37-5                                     | Montreal and Quebec.                        | The Simpsons McNaughton Line, Montreal, P. Q.                      |
| Spray 103145 Quebec, P. Q.  | 21       | 1892 Wood 1077 Rebuilt.   | Tug.  | Lewis, P. Q. 1-5-19   | J. A. S.  | 15-5-19<br>1-5-20   | Ser. 12-3                                     | Quebec Harbour.                             | J. S. Thom, Quebec, P. Q.  |
| Spray 122383 Victoria, B. C.  | 118      | 1907 Wood Vancouver, B. C.  | Tug.  | Victoria, B. C. 26-8-19                                     | B. M.   | 27-8-19<br>25-8-20  | Ser. 19-5                                     | Coasting                                    | Victoria Tug Co., Ltd., Victoria, B. C.                            |
| Springhill 103011 Parrishoro, N. S.   | 189      | 1893 Wood St. John, N. B.   | Tug.  | Sydney, N. S. 6-8-19<br>21-8-19                             | D. J. M.<br>K. O. B.                                | 30-8-19<br>6-8-20   | Ser. 61-4                                     | Coasting                                    | Domain Coal Co., Montreal, P. Q.                                   |
| Squid 116459 Vancouver, B. C.   | 40       | 1903 Wood Vancouver, B. C.  | Tug.  | Vancouver, B. C. 5-1-20                                     | A. F.   | 29-1-20<br>4-1-21   | Ser. 11-2                                     | Vancouver, Straits of Georgia and Johnston. | Nanaimo Fish & Bail Co., Ltd., Nanaimo, B. C.                      |
| Stadium 130623 Yarmouth, N. S.  | 118      | 1912 Wood Shedburne, N. S.  | Pass. 7   | St. John, N. B. 28-5-19<br>9-6-19                           | C. F. D.<br>W. R. B.                                | 9-6-19<br>9-11-19   | Ser. 28-2                                     | Coasting                                    | C. T. White & Sons, Sussex, N. B.                                  |
| Staffo 100677 Vancouver, B. C.  | 35       | 1893 Wood Vancouver, B. C.  | Tug.  | Vancouver, B. C. 10-7-19                                    | A. F.   | 22-7-19<br>9-7-20   | Ser. 3  | Vancouver Harbour.                          | Parvis E. Ritchie, Vancouver, B. C.                                |
| Standard 116987 Kenora, Ont.  | 16       | 1905 Wood Kenora, Ont.  | Tug.  | Kenora, Ont. 1-5-19   | W. J. V.  | 10-5-19<br>1-5-20   | Ser. 7  | Lake of the Woods                           | Albert Geguere, Kenora, Ont.                                       |
| Stanley 94650 Ottawa, Ont.  | 914      | 1888 Steel Glasgow, G. B.   | Govt. Ser. Pass. 18                             | Dartmouth, N. S. 29-3-20<br>31-3-20                         | N. A. C.<br>D. K. O. B.                             | 1-4-20<br>29-3-20   | Ser. 207-8                                    | Coasting                                    | Minister of Marine and Fisheries, Ottawa, Ont.                     |
| Stanley Foster 130240 Port Stanley, Ont.  | 56       | 1901 Wood Owen Sound, Ont.  | Fishing boat.                                   | Port Arthur, Ont. 11-11-19                                  | W. J. V.  | 11-11-19<br>11-11-20  | Ser. 6-2                                      | Thunder Bay                                 | John Bowman, Port Arthur, Ont.                                     |
| Stella A. K. 133916 Ottawa, Ont.  | 61       | 1911 Wood Buckingham, Ont.  | Tug.  | Sorel, Que. 25-1-19   | F. N. H.  | 29-1-19<br>25-1-20  | Ser. 17                                       | Montreal Harbour.                           | Simpsons McNaughton Line, Montreal, P. Q.                          |
| Stella Maris 117528 St. Johns, Nfld.  | 229      | 1882 Composite London, G. B.  | Frt.  | Halifax, N. S. 18-3-20<br>17-3-20                           | N. A. C.<br>D. K. O. B.                             | 26-3-20<br>17-3-21  | Ser. 99                                       | Halifax and Nfld.                           | Stella Maris S.S. Co., Ltd., Halifax, N. S.                        |
| Stephen C. Hall 130432 Sarnia, Ont.   | 511      | 1880 Wood Grand Haven, Mich.  | Frt.  | Sarnia, Ont. 23-4-19<br>23-4-19                             | J. D.<br>W. E.                                      | 9-5-19<br>23-4-20   | Ser. 58-9                                     | Lakes and rivers.                           | G. T. Horne & Laidlaw Lbr. Co., Halifax, N. S.                     |
| Stinson 121951 Victoria, B. C.  | 36       | 1900 Wood Eagle Harbour, Wash.  | Tug.  | Vancouver, B. C. 7-5-19                                     | A. F.   | 4-6-19<br>1-5-20  | Ser. 9  | Vancouver and Straits of Georgia.           | Queen City Trading and Transp. Co., Ltd., Victoria, B. C.          |
| Stoney Lake 118861 Peterboro, Ont.  | 109      | 1904 Composite Young's Point, Ont.  | Pass. 295                                       | Peterboro, Ont. 11-8-19<br>3-9-19                           | T. P. T.<br>W. E.                                   | 22-5-19<br>11-8-20  | Ser. 13-5                                     | Trent Valley Canal.                         | P. P. Young, Young's Pt., Ont.                                     |

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|   |   |                       |                                 |          |                      |                     |   |  |  |
|---|---|-----------------------|---------------------------------|----------|----------------------|---------------------|---|--|--|
| Storin King.....<br>32 86883 Chatham, N.B.          | 108; 1885 Wood<br>73 Portland, N.B.<br>1965 Sorel, P.Q.   | Tug.....              | Montreal, P.Q.<br>2-3-19        | J. T. G. | 7-5-19<br>7-5-20     | Scr.....<br>42-6    | Montreal and Rimouski,<br>Ottawa, Ont.                              | Minister of Public Works,<br>Ottawa, Ont.          |  |
| Storin King.....<br>122165 Vancouver, B.C.          | 99; 1906 Wood<br>70 New Westminster, B.C.   | Tug.....              | Vancouver, B.C.<br>10-3-20      | H. G. R. | Not issued.          | Scr.....<br>16      | Vancouver and Straits<br>of Georgia.                                | G. F. Payne, Saturna Isl.,<br>B.C.                 |  |
| Stormer.....<br>133730 Vancouver, B.C.              | 54; 1913 Wood<br>37 Vancouver, B.C.   | Tug.....              | Vancouver, B.C.<br>5-3-20       | H. G. R. | Not issued.          | Scr.....<br>13-1    | Vancouver and Straits<br>of Georgia.                                | H. Thorsen, Vancouver, B.C.                        |  |
| Stormount (ex Avon).<br>140668 Montreal, P.Q.       | 1; 180 1877 Wood<br>704 Buffalo, N.Y.<br>1918 Rebuilt<br>Kingston, Ont.<br>17; 1911 Wood<br>15 Souris, P.E.I. | Frt.....              | Port Dalhousie, Ont.<br>30-3-21 | M. R. D. | Not issued.          | Scr.....<br>2       | Fort William and Fidler<br>Point,<br>Charlottetown to Bon-<br>shaw. | Imman & Hickox, Bonshaw,<br>P.E.I.                 |  |
| Strathgarny.....<br>134208 Charlottetown,<br>P.E.I. | 135; 1909 Wood<br>81 Mahone Bay, N.S.   | Frt.....              | Halifax, N.S.<br>9-5-19         | D. J. M. | 23-5-19<br>9-5-20    | Scr.....<br>24      | Coasting.....   | Hendry, Ltd., Halifax, N.S.                        |  |
| Strathlorne.....<br>129438 Halifax, N.S.            | 1; 707 1881 Wood<br>971 Cleveland, U.S.A.   | Frt.....              | Quebec, P.Q.<br>24-4-19         | J. A. S. | 25-4-19<br>24-4-20   | Scr.....<br>79      | Quebec and Lake Erie.<br>P.Q.                                       | S.S. Stuart, Ltd., Quebec,<br>P.Q.                 |  |
| Stuart, W.....<br>138906 Montreal, P.Q.             | 44; 1901 Wood<br>30 Ladner, B.C.  | Tug.....              | Victoria, B.C.<br>11-12-19      | W. J. C. | 18-12-19<br>10-12-20 | Scr.....<br>10-7    | Coasting.....   | A. Berquist, Victoria, B.C.                        |  |
| Susie.....<br>107569 Montreal, P.Q.                 | 27; 1901 Wood<br>16 Parrishoro, N.S.  | Tug.....              | Montreal, P.Q.<br>11-6-19       | J. E. L. | 17-6-19<br>11-6-20   | Scr.....<br>8       | Sorel and St. Johns, P.Q.   | Mrs. Thomas Simpson,<br>Montreal, P.Q.             |  |
| Swell.....<br>130882 Victoria, B.C.                 | 85; 1912 Wood<br>42 Vancouver, B.C.   | Tug.....              | Victoria, B.C.<br>13-6-19       | B. M.    | 16-6-19<br>12-6-20   | Scr.....<br>18-8    | Coasting.....   | Victoria Tug Co., Ltd.,<br>Victoria, B.C.          |  |
| Sybella H.....<br>85697 Chatham, N.B.               | 71; 1884 Wood<br>48 Chatham, N.B.   | Ferry pass.<br>40     | Chatham, N.B.<br>6-8-19         | G. E. D. | 11-8-19<br>5-8-20    | PdL.....<br>7-9     | Chatham to Ferryville.  | Miramichi Steam Nav. Co.,<br>Chatham, N.B.         |  |
| Syracuse.....<br>111964 Pictou, Ont.                | 2; 706 1911 Steel.<br>1; 469 Collingwood, Ont.  | Pass.<br>645          | Sorel, P.Q.<br>11-6-19          | F. N. H. | 1-7-19<br>11-6-20    | Tw. Ser.....<br>184 | Montreal and Saguenay.  | The Canada S.S. Lines, Ltd.,<br>Montreal, P.Q.     |  |
| <b>T</b>  |   |                       |                                 |          |                      |                     |   |  |  |
| T. H. L.....<br>138773 Victoria, B.C.               | 15; 1918 Wood<br>8 Victoria, B.C.   | Pass.<br>16           | Port Alberni, B.C.<br>27-6-19   | W. J. C. | 30-6-19<br>26-6-20   | Scr.....<br>2       | Alberni, Panfield and<br>Uclulet.                                   | Messrs. Exton & Spring,<br>Victoria, B.C.          |  |
| T. and B.....<br>133845 Vancouver, B.C.             | 11; 1913 Wood<br>7 Vancouver, B.C.  | Tug and<br>Pass.<br>5 | Nanaimo, B.C.<br>10-3-20        | W. J. C. | 11-3-20<br>1-3-21    | Scr.....<br>2       | Nanaimo, Gabriola Isl.<br>and Coasting.                             | T. R. McLay, Nanaimo,<br>B.C.                      |  |
| T. E.....<br>126629 Vancouver, B.C.                 | 14; 1908 Wood<br>9 Retreat Cove, B.C.   | Tug and<br>Pass.<br>8 | Nanaimo, B.C.<br>10-3-20        | W. J. C. | 10-3-20<br>1-3-21    | Scr.....<br>1       | Nanaimo and points on<br>Gabriola Isl. Coast-<br>ing.               | T. R. McLay, Nanaimo,<br>B.C.                      |  |
| T. R. 41.....<br>141354 Ottawa, Ont.                | 290; 1918 Steel.<br>105; Port Arthur, Ont.  | Fishing<br>boat.      | Halifax, N.S.<br>19-1-20        | N. A. C. | 27-1-20<br>15-1-21   | Scr.....<br>59      | Foreign going.....  | The Minister of the Naval<br>Service, Ottawa, Ont. |  |
| T. J. Clark.....<br>126838 Toronto, Ont.            | 75; 1911 Composite.<br>51 Toronto, Ont.   | Frt.....              | Toronto, Ont.<br>14-7-19        | J. B. S. | 19-7-19<br>14-7-20   | Tw. Ser.....<br>4-2 | Toronto Bay and Lake<br>Ontario.                                    | Clark Limited, Toronto,<br>Ont.                    |  |
| T. F. Jarmin.....<br>112337 Collingwood, Ont.       | 48; 1889 Wood<br>19 West Bay City.  | Tug.....              | Toronto, Ont.<br>15-8-19        | J. B. S. | 26-8-19<br>9-7-10    | Scr.....<br>16-6    | Toronto Bay and Lake<br>Ontario.                                    | Jennings & Ross, Ltd.,<br>Toronto, Ont.            |  |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Ports Numéros officiels—Ports d'enregistrement. | Tonnage.       | Where and when Built—Material.<br>Anée et lieu de construction—Matériau de la coque. | Trade—No. of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Port et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate—Expires.<br>Certificat—Délivrance—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. en H. P. | Route.                                    | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|---|----------------|--|---|---|---|---|---|---|--|
| T. J. Wadles<br>130767 Kingston, Ont.   | 149<br>75      | 1913 Wood<br>Smith's Falls, Ont.   | Frt.  | Kingston, Ont.<br>17-5-19                                   | T. P. T.  | 23-5-19<br>17-5-20  | Ser<br>4-8                                    | Lake Ontario and Montreal.                | Jas. Swift & Co., Kingston, Ont.                                   |
| T. P. Phelan<br>140953 Montreal, P. Q.  | 1,319<br>769   | 1918 Steel.<br>1919 Wood.  | Frt.  | Kingston, Ont.<br>13-9-19<br>9-9-19                         | T. P. T.<br>M. R. D.                                | 13-9-19<br>1-9-20   | Tw. Ser.<br>65                                | Port William and Father Point.            | Canada S.S. Lines, Montreal, P. Q.                                 |
| T. Osborne<br>100116 Ottawa, Ont.   | 25<br>18       | 1893 Wood.<br>1910 Ottawa, Ont.  | Tug.  | Calumet, Ont.<br>24-7-19                                    | J. T. G.  | 28-8-19<br>24-7-20  | Ser<br>4-8                                    | Ottawa and Grenville.                     | Riordon Pulp and Paper Co., Montreal, P. Q.                        |
| Takarabic<br>137907 Toronto, Ont.   | 2,631<br>1,394 | 1918 Steel.<br>1904 Collingwood, Ont.  | Frt.  | Halifax, N.S.<br>28-5-19                                    | D. J. M.<br>A. MeD.                                 | 29-5-19<br>26-5-20  | Ser<br>124                                    | Coasting.                                 | International Petroleum Co., Toronto, Ont.                         |
| Tarahane<br>138539 Vancouver, B. C.   | 177<br>120     | 1917 Wood.<br>Atlin, B. C.   | Frt. and pass.                                | Atlin, B. C.<br>22-7-19                                     | B. M.   | 22-7-19<br>21-7-20  | Tw. ser.<br>6                                 | Atlin lake.                               | Yukon Nav. Co., Ltd., Vancouver, B. C.                             |
| Tartar<br>124355 Vancouver, B. C.   | 133<br>50      | 1906 Steel.<br>Bowling, Eng.   | Tug.  | Vancouver, B. C.<br>4-12-19                                 | A. F.   | 3-1-20<br>3-12-20   | Ser<br>41-6                                   | Coasting.                                 | Grant, Smith & McDonnell, Victoria, B. C.                          |
| Tashnaco<br>145843 Detroit, Mich.   | 1,345<br>767   | 1900 Steel.<br>Wyanbette, U. S.  | Pass.   | Detroit, Mich.<br>3-6-19                                    | J. D.   | 27-6-19<br>21-5-20  | Pat.<br>347                                   | Detroit river.                            | White Star Line, Detroit, Mich.                                    |
| Teco<br>141307 Vancouver, B. C.   | 194<br>137     | 1919 Wood.<br>Vancouver, B. C.   | Frt.  | Vancouver, B. C.<br>6-6-19<br>(2nd Insp. 27-2-20)           | A. F.<br>H. G. R.                                   | 19-6-19<br>5-6-20<br>28-2-20                              | Ser.<br>18                                    | B. C. Coast.                              | Alfred J. T. Taylor, Vancouver, B. C.                              |
| Teanasch<br>103691 Sault Ste. Marie.  | 9<br>6         | 1895 Wood.<br>Providence Bay.  | Fishing boat.                                 | Warton, Ont.<br>18-9-19                                     | J. T. G.  | Not issued.   | Ser<br>2                                      | Sheltered waters at Warton.               | McDonald & Walsh, Warton, Ont.                                     |
| Tees<br>39929 Victoria, B. C.   | 679<br>411     | 1893 Steel.<br>Stockton, Eng.  | Frt. pass.                                    | Victoria, B. C.<br>11-9-19                                  | B. M.   | 15-9-19<br>10-9-20  | Ser<br>97-9                                   | Coasting.                                 | Can. Pac. Ry. Co., Montreal, P. Q.                                 |
| Temisamingue<br>107385 Ottawa, Ont.   | 295<br>213     | 1898 Wood.<br>1913 Temiskamingue, Que.   | Pass.   | Ville Marie, P. Q.<br>11-8-19                               | J. E. L.  | Not issued.   | Ser<br>21                                     | Lake Temiskamingue.                       | La Cie Navigation, Ville-Marie, P. Q.                              |
| Tempses<br>112299 Winnipeg, Man.  | 75<br>41       | 1904 Wood.<br>Selkirk, Man.<br>1916 Selkirk.   | Tug.  | Selkirk, Man.<br>12-3-19                                    | J. T. M.  | 13-5-19<br>12   | Ser<br>19-5                                   | Lake Winnipeg.                            | Northern Fish Co., Selkirk, Man.                                   |
| Temo<br>107430 Brockville, Ont.   | 24<br>16       | 1892 Wood.<br>Detroit, U. S.   | Pass.   | Midland, Ont.<br>26-6-19                                    | G. M. A.<br>S. D. A.                                | 2-7-19<br>26-6-20   | Ser<br>13                                     | Midland, Port McNicoll and Honey Harbour. | N. K. Waag, Midland, Ont.  |
| Tepic<br>87180 Vancouver, B. C.   | 51<br>37       | 1883 Steel.<br>Blackwall, Eng.<br>1911 Vancouver, B. C.                              | Tug.  | Vancouver, B. C.<br>4-6-19                                  | A. F.   | 19-8-19<br>3-6-20   | Ser<br>33-6                                   | Vancouver and Straits of Georgia.         | Evans, Coleman and Evans, Ltd., Vancouver, B. C.                   |



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|                              |                    |       |               |                                  |                      |                     |            |  |  |                    |
|------------------------------|--------------------|-------|---------------|----------------------------------|----------------------|---------------------|------------|--|--|--------------------|
| Terra Nova<br>11546          | Vancouver, B.C.    | 47    | 1901 Wood     | New Westminster, B.C.<br>25-4-19 | A. F.                | 1-5-19<br>1-4-20    | 9-1        | Vancouver and Straits<br>of Georgia.                     | Packers<br>Ltd., Vancouver, B.C.                                 | Co.,<br>Steamship  |
| Terrebonne<br>103336         | Montreal.          | 635   | 1895 Steel    | Sorel, P.Q.<br>19-4-19           | F. X. H.<br>P. D.    | 3-5-19<br>19-4-20   | Pdl.       | Montréal-Richelieu river                                 | G. Dansereau,<br>P.Q.  | Grenville,<br>Ont. |
| The Morgan<br>130235         | Port Stanley, Ont. | 50    | 1911 Wood     | Port Stanley, Ont.<br>17-9-19    | J. B. S.             | 30-9-19<br>19-9-20  | Ser.       | Lake Erie.   | Morgan Bros.,<br>Port Stanley,<br>Ont.                           |                    |
| Theodore Roosevelt<br>202491 | Cleveland.         | 1,956 | 1906 Steel    | Port Stanley, Ont.<br>8-8-19     | J. B. S.             | 8-8-19<br>21-7-20   | Ser.       | Cleveland and other<br>ports, Great Lakes.               | The Guardian Saving and<br>Trust Co.,<br>Cleveland,<br>Ohio.     |                    |
| Thirty-Three<br>115225       | Ottawa, Ont.       | 79    | 1902 Steel    | Haliuax, N.S.<br>3-5-19          | D. J. M.             | Not issued.         | Ser.       | Coasting.  | Minister of Marine and Fish-<br>eries, Ottawa.                   |                    |
| Thisle<br>107867             | Dawson.            | 224   | 1902 Wood     | White Horse, Y.T.<br>3-7-19      | B. M.                | 3-7-19<br>2-7-20    | Strn. whl. | Yukon river  | British Yukon Navigation<br>Co., Ltd.,<br>Victoria, B.C.         |                    |
| Thomas B.                    | Haliuax, N.S.      | 159   | 1885 Wood     | Haliuax<br>2-6-19                | D. J. M.<br>A. McD.  | 14-6-19<br>13-6-20  | Ser.       | Coasting.  | J. H. Mathers, Haliuax, N.S.                                     |                    |
| Thomas J. Drummond<br>126863 | Sault Ste. Marie.  | 2,201 | 1910 Steel    | Montreal, P.Q.<br>11-11-19       | J. E. L.<br>C. P. D. | 11-11-19<br>7-11-20 | Ser.       | Lakes and coasting.                                      | Minister of Railways and<br>Canals, Ottawa, Ont.                 |                    |
| Thomas Matiland<br>107595    | Owen Sound, Ont.   | 167   | 1899 Wood     | Owen Sound, Ont.<br>10-4-19      | P. W. L.<br>S. D. A. | 25-4-19<br>10-4-20  | Ser.       | Georgian Bay and North<br>Channel.                       | Rixon Ainslie and Stockhart<br>Co., Ltd.,<br>Owen Sound,<br>Ont. |                    |
| Thousand Islander<br>269906  | Cape Vincent, N.Y. | 355   | 1912 Steel    | Detroit, U.S.A.<br>6-6-19        | J. D.                | 15-7-19<br>18-6-20  | Tw. ser.   | Detroit, Chatham and<br>Wallaceburg.                     | Thousand Island Steamboat<br>Co.,<br>Cape Vincent, N.Y.          |                    |
| Tig<br>134315                | Kenora, Ont.       | 10    | 1911 Wood     | Kenora, Ont.<br>1-5-19           | W. J. V.             | 10-5-19<br>1-5-20   | Ser.       | Lake of the Woods  | Joseph Minicka,<br>Kenora,<br>Ont.                               |                    |
| Tillamook<br>208718          | Seattle.           | 440   | 1911 Wood     | Prince Rupert, B.C.<br>2-10-19   | B. M.                | 2-10-19<br>12-8-20  | Tw. ser.   | Prince Rupert and Ket-<br>chikan.                        | G. T. Alaska, S.S. Co.,<br>Seattle, Wash.                        |                    |
| Tilloum<br>122535            | Vancouver, B.C.    | 14    | 1906 Wood     | Arrowhead, B.C.<br>21-5-19       | W. J. C.             | Not issued.         | Ser.       | Arrow lakes.   | R. Simpson, Arrowhead,<br>B.C.                                   |                    |
| Togo<br>116741               | Haliuax, N.S.      | 97    | 1904 Wood     | Dartmouth, N.S.<br>10-7-19       | N. A. C.             | Not issued.         | Ser.       | Haliuax harbour and<br>coasting.                         | Togo Steamship Co., Hali-<br>fax, N.S.                           |                    |
| Togo<br>122192               | Chatham, N.B.      | 66    | 1907 Wood     | Campbellton, N.B.<br>9-10-19     | C. E. D.             | 10-10-19<br>9-10-20 | Pdl.       | Inside Heron Island<br>Light and Tracadeg-<br>ash Point. | Richards Mfg. Co., Camp-<br>bellton, N.B.                        |                    |
| Toiler<br>123767             | Kingston, Ont.     | 1,692 | 1910 Steel    | Port Colborne, Ont.<br>16-4-19   | J. B. S.<br>W. E.    | 9-5-19<br>17-4-20   | Ser.       | Inland and coasting.                                     | James Playfair Co., Mid-<br>land, Ont.                           |                    |
| Tommy Mathieu<br>134320      | Kenora, Ont.       | 20    | 1914 Wood     | Fort Frances, Ont.<br>21-5-19    | W. J. V.             | 27-5-19<br>21-5-20  | Tw. ser.   | Rainy river and lake                                     | Shelvin Clark Co., Fort<br>Frances, Ont.                         |                    |
| Tonoz<br>122162              | Vancouver, B.C.    | 34    | 1903 Steel    | Vancouver, B.C.<br>30-6-19       | A. F.                | 7-7-19<br>15-6-20   | Ser.       | Vancouver and Straits<br>of Georgia.                     | Cyrus W. Peck, Vancouver,<br>B.C.                                |                    |
| Toronto<br>107412            | Toronto, Ont.      | 2,779 | 1898 Steel    | Toronto, Ont.<br>17-12-19        | J. B. S.             | 11-6-19<br>2-6-20   | Pdl.       | Toronto-Prescott via<br>Charlotte.                       | Richelieu and Ontario Nav.<br>Co., Montreal.                     |                    |
|                              |                    | 1,652 | Toronto, Ont. |                                  |                      |                     | 273        |  |  |                    |
|                              |                    |       |               |                                  |                      |                     | 850        |  |  |                    |

TABLE I—Continued.—TABLEAU—Suite.

| Name of Vessel—Official No.—Port of Registry.<br>Noms de navires—Números oficiales—Ports d'enregistrement. | Tonnage.       | Where and When Built—Material.<br>Année et lieu de construction—Nature de la coque. | Trade—No of Pass.<br>Service—Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate Issued—Expires.<br>Certificat: Délivrance—Expiration. | Propulsion—N. H. P.<br>Propulsion—N. en H. P. | Route.  | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|--|----------------|---|--|--|---|---|---|---|--|
| Torpy<br>122186 Port Arthur, Ont.  | 7<br>5         | 1907 Wood.<br>Rossport, Ont.  | Fishing tug.                                 | Rossport, Ont.<br>25-9-19                                    | W. J. V.  | 30-9-19<br>25-9-20  | Ser<br>1-2                                    | Rossport and Moffat Strait, inside Salter and Simpson Island, and Three Rivers. | Ans. Paulmart, Rossport, Ont.<br>Louiseville Lumber Co., Montreal. |
| Tonerville<br>126815 Sorel.  | 57<br>26       | 1911 Wood.<br>Sorel, Que.   | Pass.<br>30                                  | Sorel, Que.<br>15-5-19                                       | E. X. H.<br>P. D.                                   | 1-7-19<br>15-5-20   | Ser<br>19                                     | Victoria, Vancouver and Puget Sound.  | Wabash Railway Co., Detroit, Mich.                                 |
| Traker<br>167838 Victoria, B. C.   | 167<br>114     | 1901 Wood<br>Vancouver, B. C.   | Frt  | Vancouver, B. C.<br>28-6-19<br>23-1-20                       | A. J.   | 12-2-20<br>22-1-21  | Ser<br>16-7                                   | Wabash Railway Co., Detroit, Mich.  | Wabash Railway Co., Detroit, Mich.                                 |
| Transfer<br>145763 Detroit, Mich.  | 1,511<br>1,060 | 1888 Steel<br>Cleveland, Ohio.  | Railway Car Ferry.                           | Detroit, Mich.<br>22-10-19<br>31-10-19                       | J. D.<br>W. E.                                      | 5-11-19<br>30-10-20   | Pull and ser<br>347                           | All lakes and rivers  | Wabash Railway Co., Detroit, Mich.                                 |
| Transport<br>145211 Detroit, Mich.   | 1,594<br>759   | 1880 Iron<br>Wyandotte, Mich.   | Railway car ferry.                           | Detroit, C. S. A.<br>24-10-19<br>28-19-19                    | J. D.<br>W. E.                                      | 27-10-19<br>7-7-20  | Pull<br>101-4                                 | Wabash Railway Co., Detroit, Mich.  | Wabash Railway Co., Detroit, Mich.                                 |
| Traveler<br>111930 Midland, Ont.   | 137<br>247     | 1871 Wood<br>Sheboygan, Wis.  | Tug  | Port Arthur, Ont.<br>16-5-19                                 | W. J. V.  | 16-5-19<br>16-5-20  | Ser<br>118                                    | Wabash Railway Co., Detroit, Mich.  | Hugh Keeler, Port Arthur, Ont.                                     |
| Tremblay<br>138266 Quebec.   | 129<br>78      | 1917 Wood<br>Chicoutimi, P. Q.  | Pass ferry<br>40                             | Chicoutimi, P. Q.<br>16-6-19<br>16-8-19                      | J. A. S.<br>P. D.                                   | 30-9-19<br>16-6-20  | Pull<br>10                                    | Chicoutimi and St. Anne de Chicoutimi.  | Jos. Tremblay, Ste. Anne de Chicoutimi, P. Q.                      |
| Trenzier<br>134768 Victoria, B. C.   | 11<br>8        | 1911 Wood<br>Vancouver, B. C.   | Frt<br>pass<br>10                            | Summerland, B. C.<br>16-5-19                                 | W. J. C.  | 24-6-19<br>15-5-19  | Ser<br>1-1                                    | Okanagan lake   | Okanagan Lake Boat Co., Nanaimo, B. C.                             |
| Trillium<br>126833 Toronto, Ont.   | 673<br>163     | 1910 Steel<br>Toronto, Ont.   | Ferry Pass<br>1,350                          | Toronto, Ont.<br>30-4-19                                     | J. B. S.  | Not issued  | Pull<br>48-2                                  | Toronto Bay   | Toronto Ferry Co., Toronto, Ont.                                   |
| Trois Pistoles<br>132868 Quebec.   | 21<br>15       | 1911 Wood<br>Be, P. Q.  | Pass Ferry<br>10                             | Trois Pistoles, P. Q.<br>7-8-19<br>13-8-19                   | J. A. S.<br>P. D.                                   | 7-8-19<br>7-8-20  | Ser<br>6                                      | Trois Pistoles and Escoumains.  | J. B. Dixon and A. Sirois, Trois Pistoles, P. Q.                   |
| Trois Rivières<br>126768 Montreal  | 1,118<br>669   | 1911 Steel<br>Sorel, P. Q.  | Pass. & Frt.<br>48 C I II<br>1050 C I II     | Sorel P. Q.<br>28-5-19<br>23-5-19                            | E. X. H.<br>P. D.                                   | 27-5-19<br>27-5-20  | Pull<br>53-3                                  | Montreal and Three Rivers.  | Canada S. S. Lines Montreal, P. Q.                                 |
| Trusty<br>10718 Lunenburg.   | 58<br>331      | 1898 Wood<br>Halifax, N. S.   | Pass<br>36                                   | Pictou, N. S.<br>22-7-19                                     | N. A. C.<br>A. MeD.                                 | 29-7-19<br>22-7-20  | Ser<br>19                                     | Pictou and New Glasgow.   | H. R. Gordon, Pictou, N. S.  |
| Turret Cape<br>102283 Montreal, P. Q.  | 1,827<br>1,112 | 1895 Steel<br>Sunderland, Eng.  | Frt  | Sydney, N. S.<br>1-10-19<br>29-6-19                          | D. J. M.  | 2-10-19   | Ser<br>1-70                                   | Canadian and foreign ports.   | Cape Steamship Co., Ltd., Halifax, N. S.                           |
| Turret Court<br>106668 Montreal, P. Q.   | 1,870<br>1,197 | 1896 Steel<br>Sunderland, Eng.  | Frt  | Sydney, N. S.<br>14-12-19<br>3-1-20                          | D. K. O'B.<br>D. J. M.<br>D. K. O'B.                | 26-9-20<br>3-1-20<br>14-12-20                                     | Ser<br>160-2                                  | Canadian and foreign ports.   | Turret Steamship Co., Ltd., Halifax, N. S.                         |
| Turtle<br>112394 Ottawa, Ont.  | 38<br>33       | 1892 Wood<br>Coches Bay, Ont.   | Warp tug.                                    | Coches Bay, Ont.<br>11-6-19                                  | J. T. G.  | Not issued  | Pull<br>1-6                                   | Coches Bay  | George Gordon, Coches Bay, Ont.                                    |

SESSIONAL PAPER No. 23

|                                   |                    |                |                                     |                          |  |                      |                     |                 |   |  |
|-----------------------------------|--------------------|----------------|-------------------------------------|--------------------------|--|----------------------|---------------------|-----------------|---|--|
| Tussock<br>137884                 | Lambourg, N.S.     | 151<br>67      | 1916 Wood<br>Lambourg, N.S.         | Pass. & Tug<br>17        | Charlottetown, P.E.I.<br>25-6-19       | C. E. D.<br>W. R. B. | 15-9-19<br>25-6-20  | Ser<br>28-2     | Charlottetown to Cra-<br>paud.                | Lahave S.S. Co., West<br>Lahave, N.S.            |
| Tutshi<br>138695                  | Vancouver, B.C.    | 1,040<br>746   | 1917 Wood<br>Carcross, Y.T.         | Frt. and<br>pass.<br>163 | Carcross, Y.T.<br>21-7-19              | B. M.                | 21-7-19<br>20-7-20  | Strm whl<br>17  | Points on Tagish Lake<br>Co., Vancouver, B.C. | British Yukon Navigation<br>Co., Vancouver, B.C. |
| Tutsky<br>111885                  | Peterboro, Ont.    | 9<br>6         | 1905 Wood<br>Peterboro, Ont.        | Yacht<br>103             | Peterboro, Ont.<br>7 8-19              | T. P. T.             | Not issued.         | Ser<br>1        | Trent Canal                                   | Herbert Allen, Peterboro,<br>Ont.                |
| <b>U</b>                          |                    |                |                                     |                          |  |                      |                     |                 |   |  |
| United Lumberman<br>85797         | Wallacelburg, Ont  | 399<br>140     | 1884 Wood<br>Dresden, Ont.          | Frt<br>10                | Tonawanda, Ont<br>15-5-19              | J. B. S.<br>W. E.    | 16-5-19<br>15-5-20  | Ser<br>46-2     | Sault Ste. Marie and<br>Quebec.               | Morcan Transit Co., Mid-<br>land, Ont.           |
| Ugel<br>138951                    | Ottawa, Ont.       | 19<br>12       | 1915 Wood<br>Montchello, P.Q.       | Ferry<br>10              | Montchello, P.Q.<br>24-7-19<br>24 6 19 | J. T. G.<br>P. D.    | 28-7-19<br>24-7-20  | Patl<br>2-7     | Montchello and Alfred<br>P.Q.                 | Henri Carriere, Montchello,<br>P.Q.              |
| <b>V</b>                          |                    |                |                                     |                          |  |                      |                     |                 |   |  |
| Va of Van.<br>131139              | Ottawa, Ont.       | 10<br>7        | 1912 Wood<br>Fassett, P.Q.          | Ferry<br>10              | Fassett, P.Q.<br>24-7-19<br>24 6-19    | J. T. G.<br>P. D.    | 16-9-16<br>24-6-20  | Ser<br>2-2      | Fassett and St Thomas                         | Louis Daoust, Fassett, P.Q.                      |
| Vacuna<br>107684                  | Prescott, Ont.     | 52<br>35       | 1896 Wood<br>Bristol, Rhode Island. | Yacht<br>10              | Toronto, Ont<br>18-6-19                | J. B. S.             | Not issued.         | Ser<br>6        | St. Lawrence River                            | John S. Wilson, Massey, Ont.                     |
| Vai Carlier<br>116573             | Fort William, Ont. | 3,754<br>2,250 | 1903 Steel<br>Cleveland, Ohio.      | Frt<br>6                 | Collingwood, Ont.<br>8-4-19            | P. W. L.             | 8-4-19<br>8-4-20    | Ser<br>147      | Lakes and Rivers                              | Sault Shipping Co., Sault<br>Ste. Marie, Ont.    |
| Vadhalla<br>111541                | Vancouver, B.C.    | 153<br>34      | 1901 Wood<br>Nelson, B.C.           | Tug<br>6                 | Proctor, B.C.<br>27-5-19               | W. J. C.             | 28-5-19<br>26-5-20  | Ser<br>36       | Kootenay lakes                                | Can. Pac. Ry., Montreal,<br>P.Q.                 |
| Vahinda<br>130244                 | Yarmouth, N.S.     | 117<br>69      | 1911 Wood<br>Liverpool, N.S.        | Pass<br>6                | Bridgetown, N.S.<br>14-7-19            | N. A. C.<br>A. McD.  | 21-7-19<br>14-7-20  | Ser<br>18-4     | Bridgetown and St John<br>town.               | Bridgetown S.S. Co. Bridge-<br>town.             |
| Vancouver<br>92775                | Vancouver, B.C.    | 47<br>32       | 1888 Wood<br>Victoria, B.C.         | Tug<br>6                 | Vancouver, B.C.<br>11-7-19             | A. F.                | 29-7-19<br>10-7-20  | Ser<br>12       | Vancouver and Sts. of<br>Georgia.             | Edmund Kinnie, Vancouver,<br>B.C.                |
| Varennes<br>133907                | Sorel, P.Q.        | 186<br>82      | 1911 Wood<br>Sorel, P.Q.            | Tug<br>6                 | Sorel, P.Q.<br>4-4-19                  | P. X. H.             | 3-5-19<br>4-4-20    | Tw. ser<br>20-2 | St. Lawrence river                            | Minister Marine & Fisheries,<br>Ottawa.          |
| Vandreal (ex Frontenac)<br>144881 | Montreal, P.Q.     | 2,534<br>1,133 | 1889 Steel<br>Cleveland, Ohio.      | Frt<br>6                 | Lauzon, P.Q.<br>23-9-19                | J. A. S.             | 25-10-19<br>23-9-20 | Ser<br>132      | Foreign-going                                 | Davie Shipbuilding Co.,<br>Lauzon, P.Q.          |
| Vanghan<br>134258                 | Winnipeg, Man.     | 134<br>91      | 1914 Wood<br>Selkirk, Man.          | Tug<br>6                 | Selkirk, Man.<br>6-5-19                | P. D.<br>J. T. M.    | Not issued.         | Ser<br>20-2     | Red River                                     | Minister of Public Works,<br>Ottawa.             |
| Venture<br>128475                 | Victoria, B.C.     | 1,011<br>580   | 1910 Steel<br>Old Kilpatrick, Scot. | Frt<br>pass. 186         | Vancouver, B.C.<br>30-3-20             | A. F.                | 9-4-20<br>24-2-21   | Tw. ser<br>53   | Vancouver and Prince<br>Rupert.               | Union S.S. Co., Vancouver,<br>B.C.               |
| Venus<br>209930                   | Massena, N.Y.      | 66<br>45       | 1912 Wood<br>Massena, N.Y.          | Pass<br>100              | Cornwall, Ont.<br>17-6-19              | T. P. T.             | Not issued.         | Ser<br>30       | Massena and Cornwall                          | W. F. Cook, Massena, N.Y.                        |
| Vere P<br>126581                  | Quebec, P.Q.       | 36<br>25       | 1909 Wood<br>Lauzon, Que.           | Tug<br>6                 | Quebec<br>15-4-19                      | J. A. S.             | 29-4-19<br>29-4-20  | Ser<br>3-3      | Quebec Harbour                                | J. S. Thom, Quebec, P.Q.                         |
| Verbona<br>112601                 | Kenora, Ont.       | 73<br>46       | 1907 Wood<br>Kenora, Ont.           | Tug<br>6                 | Keewatin, Man.<br>29-4-19              | W. J. V.             | 30-4-19<br>29-4-20  | Ser<br>13-5     | Lake of the Woods.                            | Lake of the Woods Milling<br>Co., Kenora, Ont.   |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel—Official No. Port of Registry.<br>Noms de navires—Ports d'enregistrement. | Where and When Built—Material—<br>de construction—<br>Nature de la coque. | Tonnage. | Trade—No of Pass.<br>Service—<br>Nombre de pass. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Inspectors' Initials.<br>Initiales des inspecteurs. | Certificate Issued—Expires.<br>Certificat: Delivrance—Expiration. | Propulsion—N.H.P.<br>Propulsion—N. en H.P. | Route.  | Name and Address of Owners<br>Noms et adresses des propriétaires. |
|--|---|----------|--|--|---|---|--|---|---|
| Vergères 139355 Sorel, P.Q.  | 1906 Wood   | 37       | Tug.   | Sorel, P.Q. 9-1-19   | F. N. H.  | 12-5-19<br>9-5-20   | Ser 21-7                                   | St. Lawrence river                                  | Minister of Marine and Fisheries, Ottawa, Ont.                    |
| Victoria 25868 Detroit, Mich.  | 1872 Wood   | 192      | Ferry  | Detroit, Mich. 21-10-19                                      | J. D.   | 27-10-19<br>19-9-20   | Ser 26-6                                   | Windsor and Detroit                                 | Detroit, Belle Isle and Windsor Ferry Co., Detroit, Mich.         |
| Victoria 107408 Ottawa, Ont.   | 1899 Wood   | 181      | Pass. fr.  | Ottawa, Ont. 31-10-19  | P. D.   | 28-5-19<br>9-4-20   | Ser 16-7                                   | Ottawa-Thurso                                       | Victoria Nav. Co., Ottawa, Ont.                                   |
| Victoria 114686 Montreal, P.Q.   | 1896 Wood   | 343      | Pass. fr.  | Montreal, P.Q. 21-5-19                                       | J. T. G.  | 13-5-19<br>29-9-20  | Ser 16-6                                   | Montreal Pt. Fortune                                | A. Malette, Rigaud, Ont.  |
| Victoria 107746 Brockville, Ont.   | 1902 Steel, P.Q.  | 58       | Pass.  | 29-10-19<br>Stuifus Falls, Ont. 20-9-20                      | T. P. T.  | 23-6-19<br>20-6-20  | Ser 9-4                                    | Stuifus Falls and Rideau Lakes.                     | G. A. Davis, Smith Falls, Ont.                                    |
| Victoria K 116365 Goderich, Ont.   | 1903 Wood   | 40       | Fishing tug                                      | 20-9-20<br>Medrum Bay, Ont. 13-10-19                         | M. R. D.  | Not issued.   | Ser 13-5                                   | North Channel and Lake Huron.                       | D. Sullivan, Blind River, Ont.                                    |
| Vigilant 114594 Vancouver, B.C.  | 1989 Wood   | 29       | Tug.   | Vancouver, B.C. 7-1-20                                       | H. G. R.  | 30-1-20<br>6-1-21   | Ser 7-9                                    | Vancouver and Howe Sound.                           | R. Bailey, Vancouver, B.C.  |
| Vigilant 177070 Ottawa, Ont.   | 1904 Steel  | 306      | Govt. cruiser.                                   | Port Dover, Ont. 21-4-19                                     | J. B. S.  | 28-4-19<br>21-4-20  | Tw. Ser. 130-8                             | Lake Erie.  | Minister of Marine and Fisheries, Ottawa, Ont.                    |
| Viking 116371 Port Arthur, Ont.  | 1902 Wood   | 15       | Tug.   | Port McDiarmid, Ont. 9-5-19                                  | W. J. V.  | 10-5-19<br>9-5-20   | Ser 4                                      | Lake Nipigon  | Thos. Craigie, Fort William Ont.                                  |
| Vinnout (ex Vulcan) 138859 Port Arthur, Ont.   | 1889 Steel  | 1,006    | Frt.   | Port Arthur, Ont. 18-10-19                                   | W. J. V.  | 18-10-19<br>1-1-20  | Ser 108                                    | Port Colborne and Du-luth.                          | Canadian Towing & Wrecking Co., Port Arthur, Ont.                 |
| Viper 111852 Port Arthur, Ont.   | 1901 Wood   | 19       | Tug.   | Toronto, Ont. 10-4-19<br>(2nd insp 6) 20-3-20                | J. B. S.  | 28-4-19<br>10-4-20<br>28-3-20<br>26-3-21                          | Ser 11                                     | Toronto Bay   | The Canadian Towing and Wrecking Co., Port Arthur, Ont.           |
| Virginia 141350 Montreal, P.Q.   | 1919 Wood   | 159      | Tug.   | Sorel, P.Q. 18-9-19  | F. N. H.  | *22-9-19<br>13-9-20   | Ser 54                                     | Lakes and Rivers                                    | The Sincennes McNaughton Co., Montreal, P.Q.                      |
| Volanda H 134524 Sydney, C.B.  | 1917 Wood   | 23       | Tug.   | Mira Gut, N.S. 23-4-19                                       | D. J. M.  | 30-8-19<br>23-8-20  | Ser 9                                      | Mira River  | Phillips & Nicholls, Mira, N.S.                                   |
| Voyageur 106553 Midland, Ont.  | 1895 Steel  | 44       | Pass.  | Parry Sound, Ont. 18-7-19<br>8-8-19                          | G. M. A.<br>S. D. A.                                | 12-8-19<br>8-8-20   | Ser 8-4                                    | Parry Sound and Rose Point.                         | E. S. Pratt, Parry Sound, Ont.                                    |
| Vuleau 107925 New Westminster.   | 1899 Wood   | 77       | Tug.   | Vancouver, B.C. 5-9-19<br>(2nd insp 6) 6-10-19               | A. F.   | 8-7-19<br>4-6-20<br>28-10-19<br>5-10-20                           | Ser 17                                     | Vancouver, Straits of Georgia and Johnston Straits. | of Brunette-Saw Mills Co., New Westminster, B.C.                  |

## SESSIONAL PAPER No. 23

| Name                     | Registered                    | Year               | Material       | Location           | Use | Weight | Owner              | Class                | Serial | Notes                | Serial | Location                   | Owner   |
|--------------------------|-------------------------------|--------------------|----------------|--------------------|-----|--------|--------------------|----------------------|--------|----------------------|--------|----------------------------|---|
| W. E. (Not registered)   | 1919 Wood Nimpkish, B.C.      | 28-11-19           | Tug            | Nimpkish, B.C.     |     |        | B. M.              | Not issued           | 7      | Not issued           | 7      | Nimpkish Lake, B.C.        | Nimpkish Timber Co., Vancouver, B.C.                      |
| W. H. D. 138134          | 1913 Wood, Mistassini, P.Q.   | 17-6-19            | Tug and Pass.  | Roberval, P.Q.     |     |        | J. A. S.           | Not issued           | 2-1    | Not issued           | 2-1    | Roberval and Chouinatti.   | Horace Dery, Mistassini, P.Q.                             |
| W. B. Morley 138093      | 1892 Wood, Marine City, Mich. | 1-4-19<br>15-4-19  | Frt.           | Montreal, P.Q.     |     |        | J. E. L., P. D.    | 19-4-19<br>1-4-20    | 107    | 19-4-19<br>1-4-20    | 107    | Quebec and Lake Erie.      | Blantyre Transportation Co. Montreal, P.Q.                |
| W. C. Franz 130775       | 1901 Steel, Wyandotte, Mich.  | 9-4-19<br>5-4-19   | Frt.           | Midland, Ont.      |     |        | G. M. A. S. D. A.  | 24-4-19<br>16-4-20   | 169-1  | 24-4-19<br>16-4-20   | 169-1  | All lakes and rivers.      | Algoma Central and Hudson Bay Ry., Sault Ste. Marie, Ont. |
| W. D. Matthews 110264    | 1903 Steel, Collingwood, Ont. | 5-4-19             | Frt. and pass. | Midland, Ont.      |     |        | G. M. A. S. D. A.  | 23-4-19<br>15-4-20   | 151-5  | 23-4-19<br>15-4-20   | 151-5  | Port Colborne and Du-luth. | Dur St. Lawrence and Chicago S. Nav. Co., Toronto, Ont.   |
| W. H. Seymour 110810     | 1874 Wood, Erie, Pa.          | 17-10-19           | Tug            | Blind River, Ont.  |     |        | P. W. L.           | 28-10-19<br>17-10-20 | 36-5   | 28-10-19<br>17-10-20 | 36-5   | North Channel.             | Andrew Roque, Blind River, Ont.                           |
| W. J. Emerson 107133     | 1910 Wood, Goderich, Ont.     | 26-4-20            | Tug            | Port Arthur, Ont.  |     |        | W. J. V.           | 26-4-19<br>26-4-20   | 5-6    | 26-4-19<br>26-4-20   | 5-6    | Nipigon Bay.               | John Maloney, Port Arthur, Ont.                           |
| W. J. Guest 138419       | 1917 Wood, Selkirk, Man.      | 6-5-19             | Tug            | Selkirk, Man.      |     |        | J. T. M.           | 8-5-19<br>8-5-20     | 21     | 8-5-19<br>8-5-20     | 21     | Lake Winnipeg.             | Northern Fish Co., Selkirk, Man.                          |
| W. L. Murphy 131121      | 1912 Wood, Pembroke, Ont.     | 21-5-19<br>12-7-19 | Perry. Pass.   | Pembroke, Ont.     |     |        | J. E. L., M. R. D. | 24-7-19<br>21-5-20   | 4-8    | 24-7-19<br>21-5-20   | 4-8    | Pembroke-Allumette Isd.    | W. L. Murphy, Pembroke, Ont.                              |
| W. M. Weatherspoon 94697 | 1890 Wood, Digby, N.S.        | 25-9-19            | Tug            | Dartmouth, N.S.    |     |        | D. J. M.           | 2-10-19<br>20-9-20   | 24     | 2-10-19<br>20-9-20   | 24     | Halifax Harbour.           | Hendry, Ltd., Halifax, N.S.                               |
| W. Grant 26517           | 1910 Steel, Victoria, B.C.    | 16-4-19            | Whalet.        | Victoria, B.C.     |     |        | W. J. C.           | 30-4-19<br>15-4-20   | 42-8   | 30-4-19<br>15-4-20   | 42-8   | Coasting.                  | Victoria Whaling Co., Toronto, Ont.                       |
| W. Grant-Morden 134015   | 1914 Steel, Port Arthur, Ont. | 14-4-19            | Frt. pass.     | Blackrock, Ont.    |     |        | J. B. S., W. J. V. | 9-5-19<br>22-4-20    | 210-7  | 9-5-19<br>22-4-20    | 210-7  | All lakes and rivers.      | Canada S.S. Lines, Ltd., Montreal, P.Q.                   |
| Wabana 100702            | 1899 Steel, New Glasgow, N.S. | 15-7-19            | Tug            | North Sydney, N.S. |     |        | D. J. M.           | 21-7-19<br>15-7-20   | 4-1    | 21-7-19<br>15-7-20   | 4-1    | Sydney Harbour.            | N.S. Steel & Coal Co., New Glasgow, N.S.                  |
| Wabis 130644             | 1912 Steel, Temiskaming.      | 22-5-19            | Tug            | Opencan            |     |        | J. E. L.           | 17-7-19<br>22-5-20   | 3      | 17-7-19<br>22-5-20   | 3      | Lake Temiskaming.          | Upper Ottawa Imp. Co.                                     |
| Wascoata 110553          | 1909 Wood, Peterboro, Ont.    | 3-6-19             | Fishing tug    | Belleville, Ont.   |     |        | T. P. T.           | 7-6-19<br>3-6-20     | 6      | 7-6-19<br>3-6-20     | 6      | Bay of Quinte.             | Wm. Black & Son, Belleville, Ont.                         |
| Wahnapitca 110754        | 1904 Wood, Penetang, Ont.     | 13-10-19           | Tug            | Penetang, Ont.     |     |        | G. M. A.           | 18-10-19<br>30-9-20  | 37-5   | 18-10-19<br>30-9-20  | 37-5   | Georgian Bay.              | C. Beek Mfg. Co., Penetang, Ont.                          |
| Wanakewan 126465         | 1910 Wood, Kingston, Ont.     | 15-5-19<br>21-5-19 | Pass.          | Ottawa, Ont.       |     |        | J. T. G., P. D.    | 27-5-19<br>15-5-10   | 8-1    | 27-5-19<br>15-5-10   | 8-1    | Ottawa and Cars.           | E. W. Campbell, Ottawa, Ont.                              |
| Wanda H.L. 137502        | 1915 Toronto, Composite.      | 22-8-19            | Yacht          | Port Carling, Ont. |     |        | G. M. A.           | 3-9-19<br>22-8-30    | 22-3   | 3-9-19<br>22-8-30    | 22-3   | Muskoka Lakes.             | Mrs. T. Eaton, Toronto, Ont.                              |

TABLE I—Continued.—TABLEAU I—Suite.

| Name of Vessel<br>No. of Registry.                            | Name of Owners                                 | Where and When Built       | Trade                        | Port and Date of Inspection | Inspectors                             | Certificate Issued       | Propulsion                                 | Route   | Name and Address of Owners |
|---|--|----------------------------|------------------------------|-----------------------------|--|--------------------------|--|---|----------------------------|
| Noms de navires<br>Nombres officiels. Ports d'enregistrement. | Amorce et lieu de construction<br>de la coque. | Service<br>Nombre de pers. | Ports et dates d'inspection. | Initiales des inspecteurs   | Certificat de Delivrance<br>Expiration | Propulsion<br>N. en H.P. | Route                                      | Noms et adresses des propriétaires.           |                            |
| Wanda<br>10683 Toronto, Ont.                                  | 1896 Wood.<br>30 Annie Harbour                 | Tug.                       | Burks Falls, Ont.<br>21 6 19 | G. M. A.                    | Not issued.                            | Ser                      | Burks Falls Annie Harbour.                 | A. A. Agar, Burks Falls, Ont.                 |                            |
| War Algona<br>(not registered)                                | 1913 Steel.<br>3533 Toronto, Ont.              | Frt.                       | Toronto, Ont.<br>15 9 19     | J. B. S.                    | Not issued.                            | Ser                      | Foreign-going                              | Imperial Munitions Board,<br>Ottawa, Ont.     |                            |
| War Cayaby<br>14367 Montreal, P.Q.                            | 1919 Steel<br>1909 Vancouver, B.C.             | Frt.                       | Vancouver, B.C.<br>3 6 19    | H. G. R.                    | 1 6 19<br>1 6 20                       | Ser                      | Foreign-going                              | Forbes Corporation, Ltd.,<br>Montreal, P.Q.   |                            |
| War Habton  | 1919 Steel.<br>1353 Toronto, Ont.              | Frt.                       | Toronto, Ont.<br>27 10 19    | J. B. S.                    | Not issued.                            | Ser                      | Foreign-going                              | Imperial Munitions Board,<br>Ottawa, Ont.     |                            |
| War Hamilton<br>14369 Montreal, P.Q.                          | 1919 Steel.<br>1353 Toronto, Ont.              | Frt.                       | Montreal, P.Q.<br>25 1 19    | J. B. S.                    | 28 5 19<br>1 5 20                      | Ser                      | Foreign-going                              | Mount Royal S.S. Co., Ltd.,<br>Montreal, P.Q. |                            |
| War Hydra<br>14391 Montreal, P.Q.                             | 1918 Steel.<br>1353 Toronto, Ont.              | Frt.                       | Montreal, P.Q.<br>29 5 19    | A. E. H.                    | 5 5 19                                 | Ser                      | Foreign-going                              | Mount Royal S.S. Co., Ltd.,<br>Montreal, P.Q. |                            |
| War Tenskaming  | 1919 Steel.<br>1353 Toronto, Ont.              | Frt.                       | Toronto, Ont.<br>5 4 19      | M. R. D.                    | 29 4 10                                | Ser                      | Foreign-going                              | Imperial Munitions Board,<br>Ottawa, Ont.     |                            |
| War Which<br>142759 London, Eng.                              | 1901 Steel.<br>1415 Collingwood, Ont.          | Frt.                       | Halifax, N.S.<br>25 6 19     | D. J. M.<br>A. McD.         | 28 6 19<br>28 6 20                     | Ser                      | Foreign-going                              | Controller of Shipping, Lon-<br>don, Eng.     |                            |
| Warwig<br>100684 St. John, N.B.                               | 1892 Wood.<br>29 Kings Co., N.B.               | Tug.                       | St. John, N.B.<br>26 6 19    | C. E. D.                    | 14 10 19                               | Ser                      | Coasting                                   | Mrs. C. A. Warming, St. John,<br>N.B.         |                            |
| Water Which<br>14268 Halifax, N.S.                            | 1901 St. John, N.B.<br>51 Dartmouth, N.S.      | Water boat                 | Halifax, N.S.<br>24 9 20     | D. J. M.                    | 25 9 19<br>24 9 20                     | Ser                      | Halifax Harbour                            | Furness, Withy & Co., Hal-<br>ifax, N.S.      |                            |
| Wauka<br>138653 Lefou, N.S.                                   | 1918 Steel.<br>1907 New Glasgow, N.S.          | Frt.                       | N. Sydney, N.S.<br>30 12 19  | D. J. M.<br>A. McD.         | 2 1 20<br>30 12 20                     | Ser                      | Foreign-going                              | Wass Steamship Co., New<br>Glasgow, N.S.      |                            |
| Waulashene<br>142536 Collingwood, Ont.                        | 1904 Steel<br>92 Collingwood, Ont.             | Tug.                       | Waubushene, Ont.<br>7 10 19  | G. M. A.                    | 16 10 19<br>30 9 20                    | Ser                      | Georgian Bay                               | Georgian Bay Lumber Co.,<br>Waubushene, Ont.  |                            |
| Waulie<br>122555 Collingwood, Ont.                            | 1909 Steel<br>215 Collingwood, Ont.            | Pass.                      | Sarnia, Ont.<br>20 5 19      | J. D.                       | 26 6 19<br>14 6 20                     | Tw. Ser.                 | Popestang and Parry<br>Sound.              | Canada S.S. Lines, Ltd.,<br>Montreal, P.Q.    |                            |
| Wauketa<br>137805 Toronto, Ont.                               | 1914 Composite.<br>54 Midland.                 | Yacht                      | Toronto.<br>15 7 19          | J. B. S.                    | 17 7 19<br>15 7 20                     | Ser                      | Lake Ontario                               | Minister of Public Works,<br>Ottawa, Ont.     |                            |
| Wauketa<br>263077 Detroit, Mich.                              | 1909 Steel.<br>208 Toledo, O.                  | Pass.                      | Detroit, Mich.<br>12 5 19    | J. D.                       | 27 6 19<br>22 3 20                     | Ser                      | Port Huron and Sugar<br>Island             | White Star Line, Detroit,<br>Mich.            |                            |
| Waukon<br>139671 Collingwood, Ont.                            | 1912 Wood<br>50 Collingwood, Ont.              | Pass.                      | Collingwood, Ont.<br>8 4 19  | D. W. L.<br>S. D. A.        | 19 4 19<br>8 4 20                      | Ser                      | Point au Baril and Pt<br>au Baril Station. | Wm. Watts & Sons, Colling-<br>wood, Ont.      |                            |

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|   |       |                     |                |                  |                                      |                         |                     |           |       |   |
|---|-------|---------------------|----------------|------------------|--------------------------------------|-------------------------|---------------------|-----------|-------|---|
| Weldon<br>141322 Ottawa, Ont.                 | 107   | 1919 Wood           | Pass.          | 260              | Aylmer, P.Q.<br>4-7-19               | J. E. L.                | 21-19<br>4-7-20     | Scr.      | 24    | Fitzroy and Britannia.<br>Ottawa, Ont.      |
| Wendigo<br>12641 Kenora, Ont.                 | 33    | 1908 Wood           | Tug.           |                  | Rainy River, Ont.<br>10-6-20         | P. D<br>W. J. Y.        | 10-6-19<br>10-6-20  | Scr.      | 3     | Lake of the Woods<br>P. O., Ont.            |
| Western<br>117073 Ottawa, Ont.                | 988   | 1871 Iron           | Frt.           |                  | Montreal, P.Q.<br>5-9-19             | J. T. G.                | Not issued.         | Scr.      | 80-6  | Montreal and Lake Ontario.                  |
| Westham<br>126276 New Westminster             | 100   | 1913 Montreal, P.Q. | Frt.           |                  | Vancouver, B.C.<br>7-11-19           | H. G. R.                | 8-11-19<br>29-10-20 | Scr.      | 10-7  | Vancouver, Nanaimo & New Westminster.       |
| Westmont<br>138232 Montreal, P.Q.             | 7-32  | 1917 Steel          | Frt. and Pass. | 8                | Midland, Ont.<br>7-4-19              | G. M. A.<br>S. D. A.    | 23-4-19<br>15-4-20  | Scr.      | 218   | Port Colborne and Du-luth.                  |
| Westport<br>116298 Yarmouth, N. S.            | 43    | 1903 Wood           | Pass.          | 20               | Dartmouth, N. S.<br>3-3-20           | N. A. C<br>A. N. G. D.  | 5-3-20<br>3-3-21    | Scr.      | 24    | Coasting<br>N. S.                           |
| West Vancouver, V. S.                         | 71    | 1914 Wood           | Pass.          | 150 S.<br>113 W. | Vancouver, B.C.<br>6-5-19            | H. G. R.                | 7-5-19<br>1-5-20    | Scr.      | 9-3   | Vancouver and West Vancouver.               |
| West Vancouver, B.C.                          | 32    | 1907 Wood           | Tug.           | 6                | Vancouver, B.C.<br>23-5-19           | A. F.                   | 2-5-19<br>22-5-20   | Scr.      | 9-4   | Vancouver and Straits of Georgia.           |
| West Vancouver, B.C.                          | 22    | 1907 Wood           | Tug and Pass.  | 6                | Victoria, B.C.<br>(2nd Insp) 10-3-20 | W. J. C.                | 11-3-20<br>1-3-21   | Scr.      | 26    | Sydney and Port Hastings.                   |
| Weymouth<br>94824 Pictou, N. S.               | 154   | 1890 Wood           | Pass.          |                  | Sydney, N. S.<br>16-4-19             | D. J. M.                | Not issued.         | Scr.      | 26    | Merchants Transportation Co., Sydney, N. S. |
| Whalslan<br>126532 Vancouver, B.C.            | 106   | 1905 Wood           | Tug and Pass.  | 6                | East Robson, B.C.<br>22-5-19         | W. J. C.                | 5-6-19<br>21-5-20   | Scr.      | 27-3  | Arrow Lakes.                                |
| White Horse<br>107837 Victoria, B.C.          | 987   | 1901 Wood           | Frt.           |                  | White Horse, Y.T.<br>5-7-19          | B. M.                   | Not issued.         | Strn whl. | 17    | Yukon river.                                |
| White Island No. 5                            | 631   | White Horse, Y.T.   | Pass 121.      |                  | Quebec, P.Q.<br>3-4-19               | J. A. S.                | 3-4-19<br>3-4-20    | Sail.     |       | White Island Station.                       |
| White Star<br>103961 Montreal.                | 629   | 1897 Steel          | Pass           | 700              | Sorel, P.Q.<br>8-5-19                | F. X. H.<br>W. E.       | 18-6-19<br>8-5-20   | Pull.     | 40-7  | Montreal and Three Rivers.                  |
| Willbosc<br>130958 Collingwood, Ont.          | 49    | 1915 Wood           | Fishing tug.   |                  | Meaford, Ont.<br>2-10-19             | J. J. G.                | 7-10-19<br>2-10-20  | Scr.      | 10-66 | Georgian Bay.                               |
| Willie H.<br>(Not registered.)                | 31    | Collingwood, Ont.   | Tug.           |                  | Quebec, P.Q.<br>2-10-19              | J. A. S.                | 2-10-19<br>1-1-20   | Scr.      | 16-6  | Quebec Harbour.                             |
| Willonice<br>(Not registered.)                | 25    | 1904 Composite      | Yacht          |                  | Hamills Pt., Ont.<br>23-8-19         | G. M. A.                | 3-9-19<br>23-8-20   | Scr.      | 16-2  | Muskoka lakes.                              |
| Willow<br>130236 Port Stanley, Ont.           | 55    | 1911 Wood           | Fishing boat   |                  | Port Stanley, Ont.<br>19-9-19        | J. B. S.                | 30-9-19<br>19-9-20  | Scr.      | 13-5  | Lake Erie.                                  |
| Windor (ex Iroquois)<br>125806 Montreal, P.Q. | 1,769 | 1892 Wood           | Frt.           |                  | Port Dalhousie, Ont.<br>30-5-19      | J. B. S.<br>W. E.       | 14-6-19<br>30-5-20  | Scr.      | 88    | Port Arthur and Father Pt.                  |
| Wilfred C.<br>103713 Moncton, N. B.           | 90    | 1887 Wood           | Pass           | 250              | Dartmouth, N. S.<br>19-12-19         | D. J. M.<br>A. M. G. D. | 1-4-20<br>19-12-20  | Scr.      | 17    | Halifax Harbour.                            |

TABLE I—*Concluded.*—TABLEAU I—*Fin.*

| Name of Vessel. Official No.—Port of Registry. | Name des navires. Numéros officiels. Ports d'enregistrement. | Where and When Built. Matériel de construction. Nature de la coque. | Trade No. of Pass.       | Port and Date of Inspection. | Inspectors' Initials.            | Certificate Issued. Expires.       | Propulsion N. H. P.    | Route.   | Name and Address of Owners.                               |
|--|--|---|--------------------------|------------------------------|----------------------------------|------------------------------------|------------------------|--|---|
|  |  |   | Service. Nombre de pass. | Ports et dates d'inspection. | Initiales des inspecteurs.       | Certificat. Délivrance expiration. | Propulsion N. en H. P. |  | Noms et adresses des propriétaires.                       |
| White 13338. Liverpool, G.B.                   | 1910 Steel<br>Christiania, Norway.                           | Whaler.   | Victoria, B.C.           | 19-1-19                      | W. J. C.                         | 30-4-19<br>15-4-20                 | Scr 42-8               | Coasting   | Victoria Whaling Co., Toronto.                            |
| Whitney 10492. Ottawa.                         | 1918 Wood<br>Cachoe Bay.                                     | Tug.  | Cachoe Bay               | 11-6-19                      | J. T. G.                         | Not issued.<br>3-3                 | Pat.                   | Lake Nipissing                                     | Geo. Gordon & Co., Cache Bay.                             |
| Wigram 130743. Vancouver.                      | 1903 Wood<br>Whitcomb, U.S.A.                                | Tug.  | Prince Rupert, B.C.      | 24-6-19                      | B. M.                            | 21-6-19<br>25-6-20                 | Scr 4                  | Prince Rupert harbour Skeena river.                | Claude C. Ketchum, Prince Rupert, B.C.                    |
| William Aitken 90880. Charlottetown.           | 1887 Wood<br>Yarmouth, N.S.                                  | Tug.  | Charlottetown, P.E.I.    | 10-9-19                      | C. E. D.                         | 15-9-19<br>10-9-20                 | Scr 31-6               | Coasting   | Bull Bros., Charlottetown, P.E.I.                         |
| William Johnston 80871. Kingston, Ont.         | 1878 Wood<br>Garden Island.<br>1912 Garden Island.           | Tug.  | Portsmouth, Ont          | 23-9-19                      | T. P. T.                         | 24-9-19<br>1-9-20                  | Scr 12-9               | Brighton and Montreal.                             | Jos. Donnelly, Kingston, Ont.                             |
| Wm. Davis 103952. Montreal.                    | 1897 Steel<br>Montreal, P.Q.                                 | Tug.  | Kingston, Ont            | 9-4-19                       | T. P. T.                         | 9-1-19<br>9-1-20                   | Scr 8-5                | Brighton and Prescott.                             | Manley & Co., Welland, Ont.                               |
| Wm. F. McRae 77717. Wallaceburg.               | 1880 Wood<br>Wallaceburg.                                    | Tug.  | Sorel, P.Q.              | 18-4-19                      | F. N. H.                         | 6-5-19<br>18-4-20                  | Scr 8-5                | Batiscan and Lanoraie.                             | F. C. Jackson, Searforth, Ont.                            |
| William H. Ladner 126731. Vancouver, B.C.      | 1909 Wood<br>Vancouver, B.C.                                 | Pass 150  | New Westminster, B.C.    | 7-8-18<br>7-8-18<br>7-8-18   | A. E. H.<br>A. E. H.<br>A. E. H. |                                    | Str wh 9-6             | Fraser river Ladner to Woodward's Landing, Ottawa. | Minister of Public Works, Ottawa.                         |
| Wm. H. Seibold 90763. Goderich, Ont.           | 1887 Wood<br>Goderich, Ont.                                  | Fishing tug   | Goderich, Ont            | 20-6-19                      | P. W. L.                         | 28-6-19<br>20-6-20                 | Scr 8-1                | Michipicoten and vicinity.                         | Dominion Fish Co., Winnipeg, Man.                         |
| William M. 11842. Chatham, N.B.                | 1901 Wood<br>Chatham, N.B.                                   | Tug   | Dalhousie, N.B.          | 8-10-19                      | C. E. D.                         | 10-10-19<br>10-10-20               | Scr 12                 | Heron Island and Tracadigush Pt.                   | Dalhousie Lumber Co., Dalhousie, N.B.                     |
| Winnet 116314. Amherstburg.                    | 1884 Wood<br>Port Clinton, U.S.A.                            | Fishing tug   | Port Burwell             | 23-9-19                      | J. B. S.                         | 1-10-19<br>23-9-20                 | Scr 20                 | Lake Erie  | J. H. Henning, Port Burwell.                              |
| Wipona 94717. Miramichi, Ont.                  | 1902 Wood<br>Port Stanley, Ont.                              | Pass 40   | Gore Bay, Ont.           | 24-7-19<br>18-7-19           | P. W. L.<br>S. D. A.             | 30-7-19<br>18-7-20                 | Scr 24                 | Gore Bay, Carleton Place and Thessalon.            | Jas. Purvis, Gore Bay, Ont.                               |
| Wireless 126783. New Westminster, B.C.         | 1910 Wood<br>New Westminster.                                | Tug   | Vancouver, B.C.          | 10-5-19                      | H. G. R.                         | 12-5-19<br>6-5-20                  | Scr 33                 | Vancouver and Straits of Georgia.                  | Westminster Towing and Fishing Co., New Westminster, B.C. |
| Woburn 138089. Quebec.                         | 1897 Sorel.<br>1915 Composite.<br>Lake Mégantic.             | Pass 31   | Lake Mégantic, P.Q.      | 20-10-19<br>17-7-19          | J. A. S.<br>P. D.                | 20-10-19<br>1-12-19                | Scr 2-1                | Mégantic and Woburn                                | P. W. Albro, Lake Mégantic P.Q.                           |
| Wolfe Islander 116763. Kingston, Ont.          | 1904 Composite<br>Toronto, Ont.                              | Pass 340  | Kingston, Ont.           | 7-3-19                       | T. P. T.<br>M. R. D.             | 9-4-19<br>7-4-20                   | Pat. 28-2              | Kingston and Wolfe Island.                         | Corporation of the Township of Wolfe Island, Ont.         |



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|                       |                         |                |                                  |   |                      |                      |               |  |  |
|-----------------------|-------------------------|----------------|----------------------------------|---|----------------------|----------------------|---------------|--|--|
| Wolverine<br>102285   | Winnipeg, Man.          | 278;<br>180    | 1903 Wood<br>Selkirk, Man.       | Selkirk, Man.<br>16-5-19                        | J. T. M.             | 19-5-19<br>16-5-20   | Ser. 31-8     | Lake Winnipeg<br>Selkirk to Warren's<br>Landing. | Northern Fish Co., Winni-<br>peg, Man.         |
| <b>Y</b>              |                         |                |                                  |   |                      |                      |               |  |  |
| Yale<br>116402        | Victoria, B.C.          | 36             | 1903 Wood                        | Tug & Pass.<br>Arrowhead, B.C.<br>20-5-19       | W. J. C.             | 9-6-19<br>18-5-20    | Ser. 16       | Arrow lake.                                      | Boyman Lumber Co., Co-<br>maplix, B.C.         |
| Yarmouth<br>93373     | Yarmouth, N.S.          | 1,452<br>725   | 1887 Steel<br>Dunbarton, G.B.    | Frt.<br>Montreal, P.Q.<br>6-8-19                | J. E. L.<br>P. D.    | 14-8-19<br>21-7-20   | Ser. 219-7    | Coasting   | North American Steamship<br>Co., Halifax, N.S. |
| Yanick II<br>137985   | Kingston, Ont.          | 92             | 1918 Wood<br>Kingston, Ont.      | Ferry.<br>Gananoque, Ont.<br>21-7-19            | T. P. T.<br>M. R. D. | 29-5-19<br>22-5-20   | Ser. 7        | Gananoque and Clayton                            | D. J. Kenney, Gananoque,<br>Ont.               |
| Ymir<br>107452        | Vancouver, B.C.         | 70             | 1898 Wood<br>Nelson, B.C.        | Tug<br>Nelson, B.C.<br>24-5-19                  | W. J. C.             | 26-5-19<br>22-5-20   | Ser. 27-3     | Kootenay lake.                                   | Can. Pac. Ry. Co., Montreal.                   |
| York<br>111979        | Vancouver, B.C.         | 48<br>134      | 1912 Steel<br>Nelson, B.C.       | Tug<br>Okanagan Ldg., B.C.<br>15-5-19           | W. J. C.             | Not issued.          | Tw. ser. 12-8 | Okanagan lake.                                   | Can. Pac. Ry. Co., Montreal                    |
| Yorkton<br>132060     | Sunderland, Eng.        | 1,772<br>1,136 | 1911 Steel<br>Sunderland, Eng.   | Frt.<br>Montreal, P.Q.<br>14-4-19               | J. E. L.             | Not issued.<br>106-3 | Ser.          | Lakes and rivers                                 | Matthews Steamship Co.,<br>Toronto, Ont.       |
| Yvon and I.<br>112050 | St. Catharines,<br>Ont. | 25             | 1902 Wood<br>Port Maitland, Ont. | Fishing boat.<br>Port Maitland, Ont.<br>30-7-19 | J. B. S.             | 1-8-19<br>30-7-20    | Ser. 4        | Lake Erie  | McKeown Bros., Port Mait-<br>land, Ont.        |
| Yvon<br>122226        | Montreal, P.Q.          | 50<br>26       | 1906 Wood<br>Sorel, P.Q.         | Tug.<br>Sorel, P.Q.<br>30-4-79                  | F. X. H.             | 30-5-19<br>30-5-20   | Ser. 29       | Montreal Harbour                                 | Sinennes-McNaughton Line,<br>Montreal.         |
| <b>Z</b>              |                         |                |                                  |   |                      |                      |               |  |  |
| Zarzee<br>88510       | N. Sydney, N.S.         | 19<br>13       | 1884 Wood<br>Dartmouth, N.S.     | Tug.<br>North Sydney, N.S.<br>12-7-19           | D. J. M.             | 8-8-19<br>12-7-20    | Ser. 3-3      | Sydney Harbour                                   | W. S. Thompson, North<br>Sydney, N.S.          |
| Zara<br>100925        | Port Dover, Ont.        | 35<br>24       | 1903 Wood<br>Port Rowan, Ont.    | Tug.<br>Haileybury, Ont.<br>23-5-19             | J. E. L.             | 27-5-19<br>23-5-20   | Ser. 2-1      | Lake Triskaming.                                 | Reynolds and Hendry, New<br>Liskeard, Ont.     |

TABLE II.—Showing Inspections made during Fiscal Year ended March 31, 1920, of Dredges, Drill Boats, Floating Elevators, etc., arranged according to Districts.

TABLEAU II.—Inspections faites durant l'exercice financier terminé le 31 mars 1920, de dragues, bateaux-forets, élévateurs, flottants, etc. Les noms sont disposés d'après les districts.

Tonnage: Gross registered — Brut enregistré.

HALIFAX DIVISION.—N. A. Currie and D. J. Murray, Inspectors.

DIVISION D'HALIFAX—N. A. Currie et D. J. Murray, inspecteurs.

| Name of Vessel—Official No.—Port of Registry.<br>Noms des navires—Numéros officiels—Port d'enregistrement. | Tonnage.   | Where and When Built—Material.<br>Année et lieu de construction—Matériau de la coque. | Class of Vessel<br>Catégorie des navires. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Certificate Issued—Expire.<br>Certificat de Déclaration—Expiration. | Where employed.<br>Localités où employés. | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|--|------------|---|---|--|---|---|--|
| P. W. D. No. 4<br>(Not registered.)  | 1,910      | Wood  | Dipper Dredge                             | Pictou, N.S.<br>4 8 19                                       | 16 8 19<br>1 8 20   | Harbour                                   | Minister of Public Works, Ottawa, Ont.                             |
| Dredge No. 3<br>130642 Ottawa, Ont.  | 170<br>319 | 1910<br>Holland.  | Dredge                                    | Halifax, N.S.<br>13 5 20                                     | 11 5 19<br>13 5 20  | Coasting                                  | Minister of Public Works, Ottawa, Ont.                             |
| P. W. D. No. 5<br>(Not registered.)  | 1904       | Toronto, Ont.   | Suction Dredge                            | Dartmouth, N.S.<br>29 7 19                                   | Not issued  | Harbour                                   | Minister of Public Works, Ottawa, Ont.                             |
| P. W. D. No. 7<br>130244 Ottawa, Ont.  | 232<br>47  | 1872 Iron<br>Renfrew, G.B.  | Dredge                                    | Yarmouth, N.S.<br>15 4 19                                    | 4 12 19<br>15 4 20  | Coasting                                  | Minister of Public Works, Ottawa, Ont.                             |
| Prince Ho<br>126476 Halifax, N.S.  | 173<br>321 | 1900 Steel<br>Kinderdigh, Holland.  | Dredge                                    | Halifax, N.S.<br>30 4 19                                     | 30 1 19<br>30 4 20  | Coasting                                  | W. J. Poirer, Montreal, P.Q.                                       |
| Province<br>130838 Port Arthur, Ont.   | 580        | 1911 Wood<br>Port Arthur, Ont.  | Derrick Barge                             | Halifax, N.S.<br>19 5 19                                     | Not issued.   | Halifax Harbour                           | Maritime Wrecking Co., Halifax, N.S.                               |

NEW BRUNSWICK AND PRINCE EDWARD ISLAND DIVISION—C. E. Dalton, Inspector.

DIVISION DU NOUVEAU-BRUNSWICK ET DE L'ÎLE DU PRINCE-ÉDOUARD—C. E. Dalton, inspecteur.

|   |                |                                  |        |                                  |                    |                              |   |
|---|----------------|----------------------------------|--------|----------------------------------|--------------------|------------------------------|---|
| Dredge No. 3<br>134182 St. John, N.B.           | 1,988<br>1,988 | 1894 Wood<br>Port B. Amboy, N.J. | Dredge | St. John, N.B.<br>9 8 19         | Not issued         | Courtesy Bay                 | St. John Drydocking Co., St. John, N.B. |
| P. W. D. No. 9<br>130346 Ottawa, Ont.           | 368            | 1906 Steel<br>Toronto, Ont.      | Dredge | Charlottetown, P.E.I.<br>24 6 19 | 27 6 19<br>24 6 20 | Prince Point and Rice Point. | Minister of Public Works, Ottawa, Ont.  |
| P. W. D. No. 11<br>130348 Charlottetown, P.E.I. | 192<br>192     | 1911 Wood<br>Pawtush, N.S.       | Dredge | Newfrance, P.E.I.<br>24 6 19     | 27 6 19<br>24 6 20 | Newfrance, P.E.I.            | Minister of Public Works, Ottawa, Ont.  |

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|  |  |                      |                              |                    |                           |   |
|--|--|----------------------|------------------------------|--------------------|---------------------------|---|
| P. W. D. No. 12.....<br>133759 St. John, N.B.  | 435 1913 Steel.....<br>435 St. John, N.B.      | Dredge               | St. John, N.B.<br>19-8-19    | 20-8-19<br>19-8-20 | St. John River.....       | Minister of Public Works, Ottawa,<br>Ont.               |
| <p>QUEBEC DIVISION—J. A. Samson, Inspector.<br/>DIVISION DE QUÉBEC—J. A. Samson, inspecteur.</p> |  |                      |                              |                    |                           |   |
| J. L. L. No. 9.....<br>134465 Quebec, P.Q.   | 187 1914 Wood.....<br>173 Quebec, P.Q.         | Suction Dredge       | Levis, P.Q.<br>8-5-19        | 21-5-19<br>8-5-20  | St. Charles River.....    | Canadian Bank of Commerce, Tor-<br>onto, Ont.           |
| Q. H. C. Dredge No. 2<br>134498 Quebec, P.Q.   | 520 1914 Steel.....<br>202                     | Elevator Dredge      | Quebec, P.Q.<br>1-5-19       | 21-5-19<br>1-5-20  | St. Charles River.....    | Quebec Harbour Commissioners,<br>Quebec, P.Q.           |
| Quinlan & Robertson No. 1.....<br>134233 Montreal, P.Q.  | 451 1914 Wood.....<br>431 Montreal, P.Q.       | Dipper Dredge.....   | Quebec, P.Q.<br>16-7-19      | Not issued.....    | Lachine Canal.....        | Quinlan & Robertson Ltd., Montreal<br>P.Q.              |
| <p>SOREL DIVISION—F. X. Hamelin, Inspector.<br/>DIVISION DE SOREL—F. X. Hamelin, inspecteur.</p> |  |                      |                              |                    |                           |   |
| Detector.....<br>(Not registered.)   | 607 1915 Steel.....<br>271 Sorel, P.Q.         | Sounding Dredge      | Sorel, P.Q.<br>4-5-19        | Not issued.....    | Montreal and Quebec.....  | Marine and Fisheries, Ottawa, Ont.                      |
| Hopper Barge, No. 1.....<br>134364 Sorel, P.Q.   | 676 1913 Steel.....<br>347 Lauzon, Levis, P.Q. | Barge.....           | Sorel, P.Q.<br>25-8-19       | Not issued.....    | St. Lawrence river.....   | Marine and Fisheries, Ottawa, Ont.                      |
| Hopper Barge No. 2.....<br>133952 Sorel, P.Q.  | 743 1916 Steel.....<br>356 Collingwood, Ont.   | Barge.....           | Sorel, P.Q.<br>16-6-19       | Not issued.....    | St. Lawrence River.....   | Marine and Fisheries, Ottawa, Ont.                      |
| M. & F. No. 1.....<br>103033 Ottawa, Ont.  | 410 1894 Wood.....<br>251 Ottawa, Ont.         | Elevator Dredge..... | Sorel, P.Q.<br>2-5-19        | Not issued.....    | St. Lawrence River.....   | Marine and Fisheries, Ottawa, Ont.                      |
| M. & F. No. 2.....<br>131043 Sorel, P.Q.   | 540 1986 Wood.....<br>509 Sorel, P.Q.          | Elevator Dredge..... | Sorel, P.Q.<br>26-4-19       | 6-7-19<br>26-4-20  | St. Lawrence River.....   | Marine and Fisheries, Ottawa, Ont.                      |
| M. & F. No. 5.....<br>131046 Sorel, P.Q.   | 569 1901 Wood.....<br>520 Sorel, P.Q.          | Elevator Dredge..... | Sorel, P.Q.<br>5-5-19        | Not issued.....    | St. Lawrence River.....   | Marine and Fisheries, Ottawa, Ont.                      |
| M. & F. No. 8.....<br>131048 Sorel, P.Q.   | 2 050 1907 Sorel.....<br>1 270 Sorel, P.Q.     | Suction Dredge.....  | Sorel, P.Q.<br>28-4-19       | 26-6-19<br>28-4-20 | St. Lawrence River.....   | Marine and Fisheries, Ottawa, Ont.                      |
| M. & F. No. 10.....<br>126859 Sorel, P.Q.  | 759 1910 Steel.....<br>702 Sorel, P.Q.         | Spoon Dredge.....    | Sorel, P.Q.<br>21-5-19       | Not issued.....    | St. Lawrence River.....   | Marine and Fisheries, Ottawa, Ont.                      |
| M. & F. No. 11.....<br>133960 Sorel, P.Q.  | 843 1909 Steel.....<br>734                     | Spoon Dredge.....    | Sorel, P.Q.<br>22-5-19       | Not issued.....    | St. Lawrence River.....   | Marine and Fisheries, Ottawa, Ont.                      |
| Rock Breaker No. 1<br>134363 Sorel, P.Q.   | 304 1911 Steel.....<br>192 Sorel, P.Q.         | Rock-breaker.....    | Sorel, P.Q.<br>5-2-19        | 28-5-19<br>2-5-20  | Cap à la Roche.....       | Marine and Fisheries, Ottawa, Ont.                      |
| Capital.....<br>121787 Ottawa, Ont.  | 178 1905 Wood.....<br>Ottawa, Ont.             | Spoon Dredge.....    | Three Rivers, P.Q.<br>6-8-19 | 11-8-19<br>9-8-20  | Three Rivers Harbour..... | A. Macmillan and L. E. Daufresne,<br>Three Rivers, P.Q. |

TABLE II—Continued.—TABLEAU II—Suite.

MONTREAL DIVISION—J. E. Laman and J. T. Gardham, Inspectors.

DIVISION DE MONTREAL—J. E. Laman et J. T. Gardham, inspecteurs.

| Name of Vessel—Official No.—Port of Registry.<br>Noms de navires—Noms des navires officiels—Port d'enregistrement. | Tonnage.   | Where and When Built—Material.<br>Année et lieu de construction—Nature de la coque. | Class of Vessel.<br>Catégories des navires. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Certificate Issued—Expires.<br>Certificat : Délivrance—Expiration. | Where employed.<br>Localités où employés. | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|--|------------|---|---|--|--|---|--|
| Dredge No. 4<br>107881 Montreal, P.Q.  | 461<br>435 | 1899 Steel.<br>Levis, P.Q.  | Dipper Dredge                               | Montreal, P.Q.<br>24 4 19                                    | 7-5-19<br>24 4 20  | Montreal Harbour                          | Harbour Commissioners, Montreal, P.Q.                              |
| Dredge No. 5<br>130921 Montreal, P.Q.  | 498<br>498 | 1910 Steel<br>Toronto, Ont.   | Dipper Dredge                               | Montreal, P.Q.<br>19 4 19                                    | 5-5-19<br>19 4 20  | Montreal Harbour                          | Harbour Commissioners, Montreal, P.Q.                              |
| Dredge No. 6<br>1380 Montreal, P.Q.  | 550<br>550 | 191 Steel<br>Sorel, P.Q.  | Dipper Dredge                               | Montreal, P.<br>19 4 19                                      | 5-5-1<br>19 4 20   | Montreal Harbour                          | Harbour Commissioners, Montreal, P.Q.                              |
| Dredge No. 110<br>131128 Ottawa, Ont.  | 458<br>458 | 1896 Steel<br>Kingston, Ont.  | Dipper Dredge                               | Montreal, P.Q.<br>14 8-19                                    | Not issued   | St. Lawrence River                        | Minister of Public Works, Ottawa, Ont.                             |
| Dredge No. 116<br>131129 Ottawa, Ont.  | 367<br>367 | 1904 Steel<br>Sorel   | Dipper Dredge                               | Ottawa, Ont.<br>5-5-19                                       | 6-5-19<br>5-5-20   | St. Lawrence River                        | Minister of Public Works, Ottawa, Ont.                             |
| Dredge No. 121<br>134541 Ottawa, Ont.  | 115<br>104 | 1916 Wood<br>Ottawa, Ont.   | Dipper Dredge                               | Ottawa, Ont.<br>16-5-19                                      | Not issued   | St. Lawrence River                        | Minister of Public Works, Ottawa, Ont.                             |
| Dredge No. 123<br>133934 Ottawa, Ont.  | 404        | 1912 Wood<br>Ottawa, Ont.   | Dipper Dredge                               | Ottawa, Ont.<br>12-7-19                                      | Not issued   | Three Rivers                              | Minister of Public Works, Ottawa, Ont.                             |
| Dredge J. Kennedy<br>126151 Montreal, P.Q.   | 359<br>359 | 1892 Wood<br>Levis, P.Q.  | Dipper Dredge                               | Montreal, P.Q.<br>24-4-19                                    | 7-5-19<br>24 4 20  | Montreal Harbour                          | Montreal Harbour Commissioners.                                    |
| Derrick No. 1<br>138099 Montreal, P.Q.   | 197        | 1899 Wood<br>Montreal, P.Q.   | Derrick                                     | Montreal, P.Q.<br>17 4 19                                    | 29 4 19<br>17 4 20   | Montreal Harbour                          | Harbour Commissioners, Montreal, P.Q.                              |
| Derrick No. 3<br>138160 Montreal, P.Q.   | 196        | 1900 Wood<br>Montreal, P.Q.   | Derrick                                     | Montreal, P.Q.<br>24-4-19                                    | 7-5-19<br>24 4 20  | Montreal Harbour                          | Montreal Harbour Commissioners.                                    |
| Derrick No. 4<br>138101 Montreal, P.Q.   | 197        | 1892 Wood<br>Montreal, P.Q.   | Derrick                                     | Montreal, P.Q.<br>17-4-19                                    | 5-5-19<br>17 4 20  | Montreal Harbour                          | Montreal Harbour Commissioners.                                    |
| Derrick No. 5<br>138402 Montreal, P.Q.   | 195        | 1892 Wood<br>Montreal, P.Q.   | Derrick                                     | Montreal, P.Q.<br>19 4 19                                    | 5-5-19<br>19 4 20  | Montreal Harbour                          | Montreal Harbour Commissioners                                     |
| Derrick No. 7<br>138104 Montreal, P.Q.   | 288        | 914 Wood<br>Montreal, P.Q.  | Derrick                                     | Montreal, P.Q.<br>17-4-19                                    | 5-5-19<br>17 4 20  | Montreal Harbour                          | Montreal Harbour Commissioners.                                    |
| Derrick No. 8<br>134488 Montreal, P.Q.   | 282        | 1915 Wood<br>Montreal, P.Q.   | Derrick                                     | Montreal, P.Q.<br>19 4-19                                    | 5-5-19<br>19 4-20  | Montreal Harbour                          | Harbour Commissioners, Montreal, P.Q.                              |

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|  |                |                           |                   |                      |                                 |
|--|----------------|---------------------------|-------------------|----------------------|---------------------------------|
| 445 Floating Crane No. 1<br>120770 Montreal, P.Q.      | Crane          | Montreal, P.Q.<br>15-5-19 | 2-6-19<br>15-5-20 | Montreal Harbour     | Montreal Harbour Commissioners. |
| 445 Barrow, G. B.                                      |                |                           |                   |                      |                                 |
| 210 Grain Elevator No. 17<br>130415 Montreal, P.Q.     | Grain Elevator | Montreal, P.Q.<br>24-4-19 | Not issued        | Montreal Harbour     | Montreal Harbour Commissioners. |
| 210 Grain Elevator No. 18<br>130416 Montreal, P.Q.     | Grain Elevator | Montreal, P.Q.<br>24-4-19 | Not issued        | Montreal Harbour     | Montreal Harbour Commissioners. |
| 145 Koenigring<br>107745 Kingston, Ont.                | Sand Barge     | Ottawa, Ont.<br>15-5-19   | Not issued        | Ottawa and Templeton | H. Dupuis & Son, Hull, P. Q.    |
| M. H. C. Concrete Mixer No. 1<br>134489 Montreal, P.Q. | Concrete Mixer | Montreal, P.Q.<br>23-6-19 | Not issued        | Montreal Harbour     | Montreal Harbour Commissioners. |

EASTERN ONTARIO DIVISION—T. P. Thompson, Inspector.  
DIVISION DE L'ONTARIO-EST—T. P. Thompson, inspecteur.

|   |                   |                                 |                    |                    |  |
|---|-------------------|---------------------------------|--------------------|--------------------|--|
| 190 Auburn<br>131181 Peterboro, Ont.        | Clam Shell Dredge | Dungerfield, Ont.<br>6-8-19     | 25-8-19<br>10-7-20 | Trent Valley Canal | The Minister of Railways and Canals, Ottawa. |
| 63 F. A. R. No. 1<br>131188 Peterboro, Ont. | Dipper Dredge     | Glen Ross, Ont.<br>4-6-18       | 25-8-19<br>22-7-20 | Trent Canal        | Robertson & Maloney, Cornwall Ont.           |
| 146 Fenelon<br>126728 Peterboro, Ont.       | Dipper Dredge     | Robertson's Is., Ont.<br>6-8-19 | 25-8-19<br>10-7-20 | Trent Valley Canal | The Minister of Railways and Canals, Ottawa. |
| 29 Frank Fairen<br>126727 Peterboro, Ont.   | Drill Boat        | Ashburnham, Ont.<br>5-8-19      | 25-8-19<br>10-7-20 | Trent Valley Canal | The Minister of Railways and Canals, Ottawa. |

WESTERN ONTARIO DIVISION—John Dodds, G. M. Arnold and J. B. Stewart, Inspectors.  
DIVISION DE L'ONTARIO-OUEST—John Dodds, G. M. Arnold, et J. B. Stewart, inspecteurs.

|  |                |                                  |                      |                  |   |
|--|----------------|----------------------------------|----------------------|------------------|---|
| 529 Charles Boone<br>130287 St. Catharines, Ont. | Dipper Dredge  | Chippewa River, Ont.<br>12-12-19 | 29-12-19<br>12-12-20 | Chippewa River   | C. S. Boone Dredging & Contracting Co., Toronto, Ont. |
| 231 Dragon Rouge<br>125876 Toronto, Ont.         | Dipper Dredge  | Toronto, Ont.<br>16-8-19         | 25-8-01<br>8-7-20    | Toronto Harbour  | J. E. Russell, Toronto, Ont.                          |
| 279 Dredge No. 2<br>122214 Toronto, Ont.         | Suction Dredge | Toronto, Ont.<br>7-4-19          | 8-4-19<br>26-3-20    | Toronto Bay      | Toronto Harbour Commissioners.                        |
| 151 Dredge No. 8<br>125566 Peterboro, Ont.       | Dipper Dredge  | Washago, Ont.<br>8-8-19          | 13-11-19<br>31-7-20  | Trent Canal      | Randolph McDonald Co., Ltd., Toronto, Ont.            |
| 214 Simeoe No. 7<br>116269 Toronto, Ont.         | Dipper Dredge  | Washago, Ont.<br>8-8-19          | 13-11-19<br>31-7-20  | Trent Canal      | The Randolph Macdonald Co., Toronto, Ont.             |
| 396 Delver<br>126091 St. Catharines, Ont.        | Dipper Dredge  | Pt. Dalhousie, Ont.<br>20-5-19   | 21-6-19<br>20-5-20   | New Weller Canal | The Dominion Dredging Co., Ltd., Ottawa, Ont.         |

TABLE II—Continued.—TABLEAU II—Suite.

WESTERN ONTARIO DIVISION—John Dodds, G. M. Arnold and J. B. Stewart, Inspectors.  
 DIVISION DE L'ONTARIO-OUEST—John Dodds, G. M. Arnold, et J. B. Stewart, inspecteurs.

| Name of Vessel—Official No., Port of Registry.<br>Noms des navires—Numéros officiels—Ports d'enregistrement. | Tonnage.   | Where Built—Material.<br>Année et lieu de construction.<br>Nature de la coque. | Class of Vessel.<br>Catégories des navires. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Certificate Issued—Expires.<br>Certificat: Délivrance—Expiration. | Localities Where employed.<br>Localités où employés. | Name and Address of Owners.<br>Noms et adresses des propriétaires. |
|--|------------|--|---|--|---|--|--|
| Dredge No. 114<br>13391 Ottawa, Ont.   | 138<br>193 | 1877 Wood<br>Buffalo, N.Y.   | Dipper Dredge                               | Bridgeburg, Ont.<br>12-5-19                                  | Not issued.   | Bridgeburg   | The Minister of Public Works,<br>Ottawa.                           |
| Dominion Dredge No. 4<br>12342 St. John, N.B.  | 538<br>538 | 1911 Rebuilt.<br>Wallaceburg, Ont.<br>1906 Wood<br>Boston, Mass.               | Dipper Dredge                               | Pt. Dalhousie, Ont.<br>13-6-19                               | 21-6-19<br>13-6-20  | New Weller Canal                                     | The Dominion Dredging Co., Ltd.,<br>Ottawa, Ont.                   |
| Drill Boat No. 1<br>126725 Peterboro, Ont.   | 51         | 1909 Wood<br>41 Hastings, Ont.   | Drill Boat                                  | Washago, Ont.<br>7-8-19                                      | 13-11-19<br>31-7-20   | Front Canal  | The Randolph Macdonald Co., Ltd.,<br>Toronto, Ont.                 |
| Drill Boat No. 2<br>126726 Peterboro, Ont.   | 28         | 1910 Wood<br>21 Hastings, Ont.   | Drill Boat                                  | Washago, Ont.<br>8-8-19                                      | Not issued.   | Front Canal  | The Randolph Macdonald Co., Ltd.<br>Toronto, Ont.                  |
| Fundy<br>126098 St. Catharines, Ont.   | 732<br>597 | 1909 Steel<br>Welland, Ont.  | Dipper Dredge                               | Pt. Dalhousie, Ont.<br>20-5-19                               | 21-6-19<br>20-5-20  | New Weller Canal                                     | The Dominion Dredging Co., Ltd.,<br>Ottawa, Ont.                   |
| Leland<br>126633 Midland, Ont.   | 619        | 1911 Steel<br>Welland, Ont.  | Clam Dredge                                 | Pt. Robinson, Ont.<br>5-8-19                                 | 11-8-19<br>5-8-20   | New Weller Canal                                     | The Canadian Dredging Co., Ltd.,<br>Midland, Ont.                  |
| Monarch<br>116668 Midland, Ont.  | 474<br>372 | 1906 Steel<br>Welland, Ont.  | Dipper Dredge                               | Port Robinson, Ont.<br>17-4-19                               | 28-1-19<br>17-4-20  | New Weller Canal                                     | The Canadian Dredging Co., Ltd.,<br>Midland, Ont.                  |
| Primrose<br>134269 Midland, Ont.   | 916<br>767 | 1913 Steel<br>Welland, Ont.  | Hydraulic Dredge                            | Port Robinson, Ont.<br>16-4-19                               | 28-1-19<br>16-4-20  | Welland Canal  | The Canadian Dredging Co., Ltd.,<br>Midland, Ont.                  |
| R. M. S. Dredge No. 2<br>133743 Toronto, Ont.  | 277<br>210 | 1901 Wood<br>Morrisburg, Ont.  | Dipper Dredge                               | Toronto, Ont.<br>28-5-19                                     | 4-6-19<br>28-5-20   | Toronto Bay  | Roger Miller & Sons, Toronto, Ont.                                 |
| Sydenham<br>126052 Owen Sound, Ont.  | 445<br>318 | 1908 Steel<br>Welland, Ont.  | Dipper Dredge                               | Port Robinson, Ont.<br>17-4-19                               | 28-1-19<br>17-4-20  | New Weller Canal                                     | The Canadian Dredging Co., Ltd.,<br>Midland, Ont.                  |

COLLINGWOOD, O.N.T., DIVISION—P. W. Lyon, Inspector.

DIVISION DE COLLINGWOOD—P. W. Lyon, inspecteur.

|   |            |                                     |        |                                    |                      |                                    |   |
|---|------------|-------------------------------------|--------|------------------------------------|----------------------|------------------------------------|---|
| L. S. No. 3<br>126862 Sault Ste. Marie, Ont.  | 333<br>333 | 1896 Wood<br>Duluth, Minn.          | Dredge | Sault Ste. Marie, Ont.<br>22-10-19 | 20-10-19<br>22-10-20 | Sault Ste. Marie and vic.<br>only. | S. L. Penhorwood, Sault Ste. Marie,<br>Ont. |
| McLean No. 3<br>134380 Sault Ste. Marie, Ont. | 177<br>164 | 1913 Wood<br>Sault Ste. Marie, Ont. | Dredge | Sault Ste. Marie, Ont.<br>24-5-19  | 30-5-19<br>30-5-20   | St. Mary's River                   | A. B. McLean, Sault Ste. Marie,<br>Ont.     |

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PORT ARTHUR DIVISION—W. J. Vigers, Inspector.  
DIVISION DE PORT ARTHUR—W. J. Vigers, inspecteur.

|                        |                   |     |                                 |         |                    |         |                    |  |
|------------------------|-------------------|-----|---------------------------------|---------|--------------------|---------|--------------------|--|
| D. 79<br>138842        | Port Arthur, Ont. | 384 | 1912 Wood<br>Fort William, Ont. | 24-7-19 | Fort William, Ont. | 24-7-19 | Lake Superior..... | The Great Lakes Transportation Co.,<br>Midland, Ont. |
| Excelsior<br>116846    | Owen Sound, Ont.  | 474 | 1906 Steel<br>Welland, Ont.     | 13-9-19 | Port Arthur, Ont.  | 13-9-19 | Thunder Bay.....   | Northern Dredge Co., Owen Sound,<br>Ont.             |
| Empire<br>116571       | Port Arthur, Ont. | 413 | 1902 Wood<br>Fort William, Ont. | 9-6-19  | Port Arthur, Ont.  | 9-6-19  | Superior Lake..... | Canadian Towing & Wrecking Co.,<br>Port Arthur, Ont. |
| Dredge No. 6<br>112010 | Port Arthur, Ont. | 210 | 1891 Wood<br>Duluth, Minn.      | 3-9-19  | Fort William, Ont. | 3-9-19  | Thunder Bay.....   | Great Lakes Dredging Co., Port<br>Arthur, Ont.       |

KENORA DIVISION—John T. Mathews, Inspector.  
DIVISION DE KENORA—John T. Mathews, inspecteur.

|                                  |                |     |                            |        |                            |                   |                      |   |
|----------------------------------|----------------|-----|----------------------------|--------|----------------------------|-------------------|----------------------|---|
| Dredge 201<br>134607             | Winnipeg, Man. | 442 | 1909 Wood<br>Selkirk, Man. | 6-5-19 | Selkirk, Man.              | Not issued.       | Red River.....       | Dept. of Public Works, Ottawa, Ont.       |
| Dredge No. 202<br>134608         | Winnipeg, Man. | 232 | 1911 Wood<br>Selkirk, Man. | 6-5-19 | Selkirk, Man.              | 17-5-19<br>9-5-20 | Red River, Man.....  | Minister of Public Works, Ottawa,<br>Ont. |
| Dredge No. 205<br>122280         | Winnipeg, Man. | 245 | 1910 Wood<br>Selkirk, Man. | 6-5-19 | Selkirk, Man.              | 17-5-19<br>9-5-20 | Red River, Man.....  | Minister of Public Works, Ottawa,<br>Ont. |
| Dredge No. 208<br>Winnipeg, Man. |                | 123 | 1914<br>Selkirk, Man.      | 4-9-19 | Cumberland House,<br>Sask. | Not issued.       | Cumberland Lake..... | Minister of Public Works, Ottawa,<br>Ont. |

BERTISH COLUMBIA, VANCOUVER DIVISION—H. G. Robinson and A. Farrow, Inspectors.  
COLOMBIE ANGLAISE, DIVISION DE VANCOUVER—H. G. Robinson et A. Farrow, inspecteurs.

|  |                       |       |                                    |          |                  |                     |  |  |
|--|-----------------------|-------|------------------------------------|----------|------------------|---------------------|--|--|
| John A. Lee<br>133889                      | New Westminster, B.C. | 424   | 1913 Wood<br>New Westminster, B.C. | 8-7-19   | Vancouver, B.C.  | 2-8-19<br>7-7-20    | English Bay.....   | J. J. Davidson, Vancouver, B.C.                          |
| King Edward<br>(Not registered.)           |                       | 1901  | Composite<br>New Westminster, B.C. | 1-5-19   | Vancouver        | 31-5-19<br>1-4-20   | Fraser River.....  | Public Works Dept., Ottawa, Ont.                         |
| Melanope<br>74550                          | Vancouver, B.C.       | 1,634 | 1876 Iron<br>Liverpool, G.B.       | 17-3-20  | Vancouver, B.C.  | 9-4-20              | Vancouver&Ladysmith<br>Can. Pac. Ry. Co., Montreal, P.Q. |  |
| Pacific Coast Cable No. 1<br>134069        | Vancouver, B.C.       | 137   | 1909 Wood<br>New Westminster, B.C. | 20-5-19  | Vancouver, B.C.  | 4-6-19<br>5-5-20    | Vancouver and Straits<br>of Georgia.                     | British Columbia Telephone Co.,<br>Ltd., Vancouver, B.C. |
| P. D. C. No. 3<br>130863                   | New Westminster, B.C. | 119   | 1908 Wood<br>New Westminster.      | 28-7-19  | Chilliwack, B.C. | 30-7-19             | Vancouver Harbour.....                                   | J. W. Pike, New Westminster, B.C.                        |
| P. S. B. and D. Co. Dredge No. 1<br>131038 | Vancouver, B.C.       | 484   | Wood<br>Seattle, U.S.A.            | 23-10-19 | Vancouver, B.C.  | 24-10-19<br>1-10-20 | Vancouver Harbour.....                                   | Pacific Dredging Co., Ltd., Van-<br>couver, B.C.         |

TABLE II—Concluded.—TABLEAU II—Fin.

BRITISH COLUMBIA, VANCOUVER DIVISION—W. J. Cullum and A. Farrow, Inspectors.  
 COLOMBIE-ANGLAISE, DIVISION DE VANCOUVER—W. J. Cullum et A. Farrow, inspecteurs.

| Name of Vessel—Official No. Port of Registry.<br>Noms des navires—Noms officiels—Ports d'enregistrement. | Tonnage.       | Where and When Built—Material.<br>Année et lieu de construction.<br>Nature de la coque. | Class of Vessel.<br>Catégorie des navires. | Port and Date of Inspection.<br>Ports et dates d'inspection. | Certificate Issued—Expires.<br>Certificat: Délivrance—Expiration. | Localities Where employed.<br>Localités où employés. | Name and Address of Owners.<br>Noms et adresses des propriétaires.               |
|--|----------------|---|--|--|---|--|--|
| P. W. D. 301<br>130836 Victoria, B. C.   | 739<br>538     | 1908 Steel.<br>New Westminster  | Dredge.                                    | Victoria, B. C.<br>23-3-20                                   | 22-4-20<br>22-3-21  | Harbour  | The Minister of Public Works,<br>Ottawa, Ont.                                    |
| Transfer No. 3<br>130606 Victoria, B. C.   | 977<br>927     | 1911 Steel.<br>Esquimalt, B. C.   | Car ferry                                  | Vancouver<br>9-1-20  | 10-1-20<br>4-1-21   | Vancouver and Nanoose Bay.                           | Can. Pac. Ry. Co., Montreal, P. Q.   |
| C. P. R. No. 100<br>134398 Montreal, P. Q.   | 1,383<br>1,273 | 1868 Wood<br>Farmington, Me.  | Coal Barge                                 | Vancouver, B. C.<br>22-4-19                                  | 2-5-19<br>15-120  | Vancouver and Lady-smith.                            | Can. Pac. Ry. Co., Montreal, P. Q.   |
| P. D. C. No. 4<br>130864 New Westminster, B. C.  | 338<br>338     | 1909 Wood<br>New Westminster, B. C.   | Dredge.                                    | Vancouver, B. C.<br>6-1-20                                   | 7-1-20<br>6-1-20  | Vancouver Harbour                                    | Grant and MacDonald, Vancouver, B. C.  |
| Robson<br>130874 New Westminster, B. C.  | 464<br>464     | 1901 Wood.<br>Portland, Ore.  | Dredge.                                    | Edburne<br>8-9-19  | 9-4-19<br>1-9-20  | Fraser River   | Pacific Construction Co., Ltd., Vancouver, B. C.                                 |
| Sidney No. 2<br>120179 New Westminster, B. C.  | 378<br>378     | 1908 Wood<br>Seattle, U.S.A.  | Tow Barge                                  | New Westminster, B. C.<br>3-4-19                             | 12-1-19<br>2-4-20   | New Westminster and Stehcy Island.                   | The Vancouver, Victoria and Eastern Railway and Navigation Co., Vancouver, B. C. |
| Transfer No. 1<br>107143 Vancouver, B. C.  | 773<br>773     | 1898 Wood<br>Vancouver, B. C.   | Barge                                      | Vancouver, B. C.<br>5-5-19                                   | Not issued.   | Vancouver and Lady-smith                             | The Canadian Pacific Ry. Co., Montreal, P. Q.                                    |
| W. F. L.<br>126322 Vancouver, B. C.  | 163<br>163     | 1908<br>Vancouver, B. C.  | Derrick Scow                               | Vancouver, B. C.<br>11-1-19                                  | 30-4-19<br>1-10-19  | Vancouver Harbour                                    | The Vancouver Dredging & Salvage Co., Ltd., Vancouver, B. C.                     |

BRITISH COLUMBIA, VICTORIA DIVISION—W. J. Cullum and B. Mantrop, Inspectors.  
 COLOMBIE-ANGLAISE, DIVISION DE VICTORIA—W. J. Cullum et B. Mantrop, inspecteurs.

|   |              |                                |              |                            |                    |                                  |   |
|---|--------------|--------------------------------|--------------|----------------------------|--------------------|----------------------------------|---|
| Transfer No. 2<br>122361 Victoria, B. C.      | 1,090<br>973 | 1907 Wood<br>Victoria, B. C.   | Car Barge    | Victoria, B. C.<br>10-1-19 | 17-4-19<br>15-1-20 | Victoria, Nanaimo and Vancouver. | The Canadian Pacific Railway Co., Montreal, P. Q.       |
| G. S. & Mc D. No. 6<br>140934 Victoria, B. C. | 173<br>173   | 1912<br>New Westminster, B. C. | Derrick Scow | Victoria, B. C.<br>19-5-19 | Not issued.        | Victoria Harbour                 | The Grant, Smith & McDonnell Co., Ltd., Victoria, B. C. |



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TABLE III.—Passenger Barges (towed) inspected during the Fiscal Year ended March 31, 1920,

TABLEAU III.—Barges (en remorque) pour passagers, inspectées durant l'année fiscale terminée le 31 mars 1920.

| Name of Vessel—Official<br>No.—Port of Registry.<br>Noms des navires—<br>Numéros officiels—Ports<br>d'enregistrement. | Ton-<br>nage. | Where Built—<br>Material.<br>Et lieu de<br>construction<br>Nature de<br>la coque. | Port and Date<br>of Inspection.<br>Ports et dates<br>d'inspection. | Pass.<br>Pass. | Certificate:<br>Issued—<br>Expires.<br>Certificat:<br>Délivrance—<br>Expiration. | Route.                      | Name and Address<br>of Owners.<br>Noms et adresses<br>des propriétaires. |
|---|---------------|---|--|----------------|--|-----------------------------|--|
| Rianbow No. 2.....<br>134633 Victoria, B.C.   | 61<br>61      | 1915 Wood.....<br>N. Vancouver, B.C.  | Nanaimo, B.C.....<br>10-3-20                                       | 290            | 10-3-20<br>1-7-21  | Nanaimo Harbour.....        | Western Fuel Co., Nanaimo, B.C.  |
| Vivian Currier.....<br>138590 St. John, N.B.  | 61<br>61      | 1913 Wood.....<br>Oromocto, N.B.  | Fredericton, N.B.....<br>23-7-19                                   | 20             | 24-7-19<br>23-7-20   | Oromocto to Fredericton.... | Martin Currier, Oromocto, N.B.   |

TABLE IV.—Vessels not Inspected during the Fiscal Year ended March 31, 1919.

TABLEAU IV.—Navires non-inspectés durant l'exercice financier terminé le 31 mars 1919.

| Name of Vessel.<br>Noms des navires. | Tonnage.<br>Gross-Brut | Class of Vessel.<br>Catégories des navires. | District.        | Reason for Non-inspection.<br>Motif de la non-inspection. |
|--------------------------------------|------------------------|---|------------------|---|
| A. B. Cooke                          | 34                     | Ser. Tug                                    | Kingston, Ont    | Not in commission.  |
| Acacia                               | 107                    | Ser. Tug                                    | Toronto, Ont     | No application.   |
| Actress                              | 12                     | Ser. Tug                                    | Port Arthur, Ont | Not in commission.  |
| Agnes P.                             | 32                     | Ser. Tug                                    | Montreal, P.Q.   | Out of district.  |
| Alarm                                | 34                     | Ser. Tug                                    | Vancouver, B.C.  | No application.   |
| Alaska                               | 243                    | Ser. Tug                                    | Sorel, P.Q.      | Out of district.  |
| Albert C.                            | 17                     | Ser. Tug                                    | Montreal, P.Q.   | Out of district.  |
| Aletha                               | 171                    | Ser. Pass                                   | Kingston, Ont    | Dismantled.   |
| Alexandra                            | 34                     | Ser. Tug                                    | Halifax, N.S.    | No application.   |
| Alex. Fraser                         | 320                    | Pdl. Tug                                    | Montreal, P.Q.   | Not in commission.  |
| Alfreda                              | 15                     | Ser. Fish'g Boat                            | Halifax, N.S.    | No application.   |
| Algoma                               | 68                     | Ser. Tug                                    | Port Arthur, Ont | Not in commission.  |
| Allan Sewell                         | 11                     | Ser. Tug                                    | St. John, N.B.   | Not in commission.  |
| Alphonse Racine                      | 121                    | Ser. Tug                                    | Montreal, P.Q.   | Out of district.  |
| Alva                                 | 27                     | Ser. Tug                                    | Montreal, P.Q.   | Not in commission.  |
| Alva B.                              | 53                     | Ser. Fishing Boat                           | Toronto, Ont     | No application.   |
| Alva W.                              | 39                     | Ser. Fishing Boat                           | Toronto, Ont     | No application.   |
| Anaanoose                            | 68                     | Ser. Tug                                    | Victoria, B.C.   | Not in commission.  |
| Anchora                              | 6                      | Ser. Yacht                                  | Toronto, Ont     | No application.   |
| Anko                                 | 38                     | Ser. Fishing Boat                           | Toronto, Ont     | No application.   |
| Annacis                              | 56                     | Ser. Tug                                    | Vancouver, B.C.  | No application.   |
| Annie Barrett                        | 42                     | Ser. Tug                                    | Montreal, P.Q.   | No application.   |
| Anticosti II                         | 34                     | Ser. Fishing Boat                           | Halifax, N.S.    | No application.   |
| Athabasca River                      | 341                    | Strn. Whl. Pass                             | Edmonton, Alta   | Not in commission.  |
| Aylmer                               | 16                     | Ser. Tug                                    | Toronto, Ont     | No application.   |
| B. C. Express                        | 448                    | Strn. Whl. Pass                             | Victoria, B.C.   | Not in commission.  |
| Barnet                               | 12                     | Ser. Tug                                    | Vancouver, B.C.  | No application.   |
| Beatrice C.                          | 16                     | Pdl. Tug                                    | Montreal, P.Q.   | No application.   |
| Beaver                               | 514                    | Dredge                                      | St. John, N.B.   | Not in commission.  |
| Bella Vista                          | 8                      | Ser. Tug                                    | Toronto, Ont     | No application.   |
| Belle of Temagami                    | 169                    | Ser. Pass                                   | Montreal, P.Q.   | Not in commission.  |
| Bentick                              | 34                     | Ser. Pass                                   | Victoria, B.C.   | Not in commission.  |
| Binghampton                          | 2096                   | Ser. Frt                                    | Kingston, Ont    | No application.   |
| Bonanza King                         | 466                    | Strn. Whl. Pass                             | Victoria, B.C.   | Not in commission.  |
| Bonne Chere                          | 13                     | Pdl. Tug                                    | Montreal, P.Q.   | No application.   |
| Borriboola Gha                       | 96                     | Ser. Tug                                    | St. John, N.B.   | Not in commission.  |
| Bridgewater                          | 210                    | Ser. Frt                                    | Halifax, N.S.    | Not in commission.  |
| British Lion                         | 22                     | Pdl. Tug                                    | Port Arthur, Ont | Not in commission.  |
| Bruiser                              | 508                    | Dredge                                      | St. John, N.B.   | Not in commission.  |
| C. Kylander                          | 25                     | Ser. Tug                                    | Port Arthur, Ont | No application.   |
| C. R. Lamb                           | 192                    | Strn. Whl. Pass                             | Victoria, B.C.   | Not in commission.  |
| C. W. Endress                        | 146                    | Ser. Tug                                    | Toronto, Ont     | No application.   |
| Calumet Island                       | 18                     | Strn. Whl. Tug                              | Montreal, P.Q.   | No application.   |
| Canada                               | 411                    | Ser. Naval Service                          | Halifax, N.S.    | No application.   |
| Canadian                             | 716                    | Strn. Whl. Pass                             | Victoria, B.C.   | Not in commission.  |
| Canna                                | 10                     | Ser. Yacht                                  | Kingston, Ont    | Not in commission.  |
| Canpac                               | 56                     | Ser. Tug                                    | Vancouver, B.C.  | No application.   |
| Canso                                | 225                    | Ser. Naval Service                          | Halifax, N.S.    | No application.   |
| Cap Horn                             | 1469                   | Tw. Ser. Aux. Schooner                      | Vancouver, B.C.  | Out of district.  |
| Cap Nord                             | 1468                   | Tw. Ser. Aux. Schooner                      | Vancouver, B.C.  | Out of district.  |
| Cap Vert                             | 1472                   | Tw. Ser. Aux. Schooner                      | Vancouver, B.C.  | Out of district.  |
| Caraboo                              | 29                     | Tw. Ser. Frt                                | Edmonton, Alta   | Not in commission.  |
| Catherine S.                         | 67                     | Ser. Tug                                    | Port Arthur, Ont | Not in commission.  |
| Chas. M. Ritter                      | 41                     | Ser. Tug                                    | Collingwood, Ont | Not in commission.  |
| Cheslatat                            | 18                     | Ser. Frt                                    | Victoria, B.C.   | Not in commission.  |
| Chileotin                            | 434                    | Strn. Whl. Pass                             | Victoria, B.C.   | Not in commission.  |
| Chinook                              | 34                     | Ser. Tug                                    | Vancouver, B.C.  | No application.   |
| Chinook                              | 34                     | Ser. Tug                                    | St. John, N.B.   | Not in commission.  |
| Christina                            | 57                     | Ser. Tug                                    | Edmonton, Alta   | Not in commission.  |
| City of Edmonton                     | 301                    | Strn. Whl. Pass                             | Edmonton, Alta   | Not in commission.  |
| Cirle W.                             | 34                     | Tw. Ser. Pass                               | Victoria, B.C.   | Not in commission.  |
| Cliffside                            | 68                     | Ser. Tug                                    | Montreal, P.Q.   | No application.   |
| Clipper                              | 53                     | Ser. Tug                                    | Port Arthur, Ont | Not in commission.  |
| Clipper                              | 46                     | Ser. Tug                                    | Collingwood, Ont | No application.   |
| Clucas                               | 28                     | Ser. Tug                                    | Port Arthur, Ont | No application.   |
| Clymene                              | 10                     | Ser. Yacht                                  | St. John, N.B.   | Not in commission.  |
| Colin R.                             | 24                     | Ser. Tug                                    | Sorel, P.Q.      | No application.   |
| Colonial                             | 47                     | Ser. Tug                                    | Montreal, P.Q.   | Not in commission.  |
| Comet                                | 20                     | Ser. Tug                                    | Toronto, Ont     | No application.   |
| Constance                            | 185                    | Ser. Naval Service                          | Halifax, N.S.    | No application.   |
| Conveyor                             | 723                    | Strn. Whl. Pass                             | Victoria, B.C.   | Not in commission.  |
| Cora                                 | 23                     | Ser. Tug                                    | Kingston, Ont    | Not in commission.  |
| Couchiching                          | 43                     | Ser. Pass                                   | Montreal, P.Q.   | No application.   |
| Courcellette                         | 111                    | Ser. Pass                                   | Quebec, P.Q.     | Not in commission.  |
| Courier                              | 13                     | Ser. Tug                                    | Montreal, P.Q.   | Not in commission.  |
| Crescent                             | 41                     | Ser. Yacht                                  | Montreal, P.Q.   | Not in commission.  |
| Crester                              | 19                     | Ser. Pass                                   | Edmonton, Alta   | Not in commission.  |
| Curlew                               | 158                    | Ser. Naval Service                          | Halifax, N.S.    | No application.   |
| Curlew                               | 85                     | Ser. Tug                                    | Port Arthur, Ont | Not in commission.  |

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TABLE IV—Continued.—TABLEAU IV—Suite.

| Name of Vessel.<br>Noms des navires. | Tonnage.<br>Gross-Brut | Class of Vessel.<br>Catégories des navires. | District.         | Reason for Non-inspection.<br>Motif de la non-inspection. |
|--------------------------------------|------------------------|---|-------------------|---|
| Cyclone                              | 1207                   | Dredge                                      | Toronto, Ont.     | No application.   |
| Cynthia W.                           | 679                    | Dredge                                      | Halifax, N.S.     | No application.   |
| D. G. 3                              | 182                    | Dredge                                      | Vancouver, B.C.   | No application.   |
| D. McLeod                            | 36                     | Ser. Tug                                    | Toronto, Ont.     | No application.   |
| Dr. Rymer                            | 15                     | Tw. Ser. Yacht                              | Edmonton, Alta.   | Not in commission.  |
| Daisy                                | 15                     | Ser. Tug                                    | Montreal, P.Q.    | Not in commission.  |
| Daisy Moore                          | 38                     | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| Dandy                                | 77                     | Ser. Tug                                    | Montreal, P.Q.    | No application.   |
| Denisa                               | 38                     | Ser. Tug                                    | Quebec, P.Q.      | No application.   |
| Derrick No. 2                        |                        | Steam dreck                                 | Montreal, P.Q.    | Not in commission.  |
| Derrick No. 6                        | 196                    | Float dreck                                 | Montreal, P.Q.    | Not in commission.  |
| Dolphin                              | 24                     | Ser. Tug                                    | Collingwood, Ont. | No application.   |
| Dolphin                              | 20                     | Ser. Tug                                    | Vancouver, B.C.   | No application.   |
| Dominion                             | 595                    | Dpr. Dr                                     | Port Arthur, Ont. | Not in commission.  |
| Dou                                  | 12                     | Ser. Yacht                                  | Victoria, B.C.    | No application.   |
| Dora                                 | 48                     | Ser. Tug                                    | Montreal, P.Q.    | Not in commission.  |
| Dorothe                              | 8                      | Ser. Tug                                    | Toronto, Ont.     | No application.   |
| Dorothy Symons                       | 10                     | Ser. Tug                                    | Victoria, B.C.    | Not in commission.  |
| Douglas M.                           | 57                     | Ser. Tug                                    | Toronto, Ont.     | No application.   |
| Dredge No. 1                         | 253                    | Scutn. Dredge                               | Toronto, Ont.     | No application.   |
| Drill Boat Burrard                   | 426                    | Rock Drill Boat                             | Vancouver, B.C.   | No application.   |
| Dryden Bell                          | 15                     | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| E. C. Oeghel                         | 26                     | Ser. Tug                                    | Toronto, Ont.     | No application.   |
| Ed. McWilliams                       | 697                    | Clushl. Dr.                                 | Collingwood, Ont. | Not in commission.  |
| Eagle                                | 12                     | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| Eastern Passage                      | 36                     | Ser. Tug                                    | Halifax, N.S.     | No application.   |
| East port                            | 64                     | Ser. Pass                                   | St. John, N.B.    | Not in commission.  |
| Edith                                | 22                     | Ser. Tug                                    | St. John, N.B.    | Not in commission.  |
| Edith                                | 42                     | Ser. Tug                                    | Victoria, B.C.    | Not in commission.  |
| Edith                                | 47                     | Ser. Tug                                    | Vancouver, B.C.   | Not in commission.  |
| Edith H.                             | 83                     | Ser. Lighter                                | Halifax, N.S.     | No application.   |
| Edouard G.                           | 71                     | Ser. Tug                                    | Quebec, P.Q.      | Not in commission.  |
| Edward Fiske                         | 69                     | Ser. Tug                                    | Toronto, Ont.     | No application.   |
| Eileen                               | 11                     | Ser. Tug                                    | Montreal, P.Q.    | Not in commission.  |
| Electric                             | 49                     | Ser. Pass                                   | Collingwood, Ont. | Not in commission.  |
| Elena                                | 14                     | Ser. Tug                                    | Toronto, Ont.     | No application.   |
| Ella M.                              | 420                    | Dpr. Dr                                     | Montreal, P.Q.    | No application.   |
| Ella Mary                            | 41                     | Ser. Yacht                                  | Toronto, Ont.     | No application.   |
| Elsie Bell                           | 33                     | Ser. Tug                                    | Port Arthur, Ont. | No application.   |
| Elsie Bradford                       | 23                     | Ser. Tug                                    | Victoria, B.C.    | Not in commission.  |
| Elymer                               | 12                     | Ser. Pass                                   | Edmonton, Alta.   | Not in commission.  |
| Emily Stewart                        | 104                    | Ser. Tug                                    | Toronto, Ont.     | Out of district.  |
| Empress                              | 129                    | Tw. Ser. Tug                                | Port Arthur, Ont. | Dismantled.   |
| Empress of Asia                      | 16809                  | Quadruple Ser. Pass                         | Vancouver, B.C.   | No application.   |
| Equal Rights                         | 14                     | Ser. Tug                                    | Toronto, Ont.     | No application.   |
| Eric R.                              | 47                     | Ser. Tug                                    | Sorel, P.Q.       | Not in commission.  |
| Erin                                 | 14                     | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| Ernest                               |                        | Ser. Tug                                    | Montreal, P.Q.    | No application.   |
| Ethel Banning                        | 38                     | Ser. Tug                                    | Port Arthur, Ont. | Dismantled.   |
| Euphemia                             | 29                     | Ser. Tug                                    | Quebec, P.Q.      | Not in commission.  |
| Eva                                  | 18                     | Ser. Tug                                    | St. John, N.B.    | Not in commission.  |
| Evelyn                               | 14                     | Ser. Tug                                    | Halifax, N.S.     | No application.   |
| Evergreen                            | 39                     | Ser. Tug                                    | Victoria, B.C.    | Not in commission.  |
| F. B. Stevens                        | 516                    | Ser. Frt                                    | Toronto, Ont.     | Not in commission.  |
| Fairfax                              | 1109                   | Ser. Frt                                    | Montreal, P.Q.    | Out of district.  |
| Fairy                                | 16                     | Ser. Frt                                    | Halifax, N.S.     | No application.   |
| Fallons No. 3                        | 108                    | Dpr. Dr                                     | Kingsston, Ont.   | Not in commission.  |
| Fallon Bros. No. 5                   | 271                    | Dpr. Dr                                     | Kingsston, Ont.   | Not in commission.  |
| Fearful                              | 79                     | Ser. Tug                                    | Vancouver, B.C.   | Not in commission.  |
| Felicia D                            | 161                    | Ser. Tug                                    | Sorel, P.Q.       | Out of district.  |
| Fenelon Falls Gull                   |                        | Pdl. Tug                                    | Kingsston, Ont.   | Not in commission.  |
| Ferguson                             | 386                    | Dredge                                      | Halifax, N.S.     | No application.   |
| Florence                             | 18                     | Ser. Pass                                   | Montreal, P.Q.    | Not in commission.  |
| Florence                             | 7                      | Ser. Fishing Boat                           | Kingsston, Ont.   | Not in commission.  |
| Florence Carlin                      | 143                    | Strn. Whl. Tug                              | Victoria, B.C.    | Not in commission.  |
| Florence J. Graham                   | 38                     | Ser. Fishing Boat                           | Toronto, Ont.     | No application.   |
| Foam                                 | 15                     | Ser. Tug                                    | Quebec, P.Q.      | Not in commission.  |
| Forest B.                            | 88                     | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| Forest City                          | 571                    | Pdl. Pass                                   | Port Arthur, Ont. | Not in commission.  |
| Frank                                | 190                    | Dpr. Dr                                     | Port Arthur, Ont. | Not in commission.  |
| Frank Marshall                       | 30                     | Ser. Tug                                    | Port Arthur, Ont. | Dismantled.   |
| Frederick                            | 36                     | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| G. P. McIntosh                       | 39                     | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| G. Whiz                              | 55                     | Tw. Ser. Pass                               | Collingwood, Ont. | Not in commission.  |
| Galatea                              | 46                     | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| Garden City                          | 637                    | Pdl. Pass                                   | Toronto, Ont.     | No application.   |
| Geneva                               | 14                     | Tw. Ser. Pass                               | St. John, N.B.    | No application.   |
| George E. Young                      | 12                     | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| George F. Piper                      | 70                     | Ser. Tug                                    | Victoria, B.C.    | Not in commission.  |
| Georges A. Harriss                   | 87                     | Ser. Tug                                    | Montreal, P.Q.    | Not in commission.  |
| Geraldine Wolvin                     | 1472                   | Tw. Ser. Aux. Schooner                      | Vancouver, B.C.   | Out of district.  |
| Glenora                              | 17                     | Ser. Tug                                    | Port Arthur, Ont. | No application.   |
| Goliath                              | 147                    | Ser. Tug                                    | Halifax, N.S.     | No application.   |

TABLE IV—Continued.—TABLEAU IV—Suite.

| Name of Vessel.<br>Noms des navires. | Tonnage.<br>Gross-Brut | Class of Vessel.<br>Categoriés des navires. | District.         | Reason for Non-inspection.<br>Motif de la non-inspection. |
|--------------------------------------|------------------------|---|-------------------|---|
| Gooding                              | 10                     | Pdl. Tug                                    | Montreal, P.Q.    | No application.   |
| Gov. Cobb                            | 2522                   | Ser. Pass                                   | St. John, N.B.    | No application.   |
| Grace                                | 7                      | Ser. Pass                                   | Edmonton, Alta    | Not in commission.  |
| Gracie                               | 41                     | Ser. Tug                                    | Port Arthur, Ont. | No application.   |
| Gracie B.                            | 20                     | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| Granby No. 1                         | 1,431                  | Barge                                       | Vancouver, B.C.   | No application.   |
| Gravel King                          | 120                    | Ser. Sand Sucker                            | Toronto, Ont.     | No application.   |
| Gray Loggie                          | 99                     | Ser. Dr.                                    | St. John, N.B.    | Not in commission.  |
| Grebe                                | 9                      | Ser. Yacht                                  | Port Arthur, Ont. | No application.   |
| H. E. Carleton                       | 9                      | Tw. Ser. Tug                                | Victoria, B.C.    | Not in commission.  |
| Halcroll                             | 10                     | Ser. Yacht                                  | Collingwood, Ont. | No application.   |
| Hamilton                             | 320                    | Pdl. Tug                                    | Montreal, P.Q.    | Not in commission.  |
| Harry S.                             | 20                     | Ser. Tug                                    | Vancouver, B.C.   | No application.   |
| Hattie Bell                          | 8                      | Ser. Tug                                    | Kingston, Ont.    | Not in commission.  |
| Hayward                              | 122                    | Dredge                                      | St. John, N.B.    | Not in commission.  |
| Hazel B.                             | 40                     | Ser. Pass                                   | Montreal, P.Q.    | Not in commission.  |
| Hazel Graham                         | 15                     | Ser. Tug                                    | Montreal, P.Q.    | No application.   |
| Hector                               | 21                     | Ser. Tug                                    | Montreal, P.Q.    | Not in commission.  |
| Helen S.                             | 13                     | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| Henrietta Stewart                    | 53                     | Ser. Tug                                    | Toronto, Ont.     | No application.   |
| Hiawatha                             | 27                     | Ser. Tug                                    | Toronto, Ont.     | No application.   |
| Hope                                 | 11                     | Ser. Govt. Service                          | Edmonton, Alta    | Not in commission.  |
| Hope                                 | 26                     | Ser. Tug                                    | Victoria, B.C.    | Not in commission.  |
| Huron                                | 2,094                  | Ser. Frt.                                   | Kingston, Ont.    | No application.   |
| Iberville                            | 121                    | Govt. Str.                                  | Sorel, P.Q.       | Not in commission.  |
| Idler                                | 51                     | Strn. Whl. Tug                              | Montreal, P.Q.    | Not in commission.  |
| Ildrim                               | 18                     | Ser. Yacht                                  | Toronto, Ont.     | No application.   |
| Inonoaklin                           | 19                     | Ser. Tug                                    | Victoria, B.C.    | Not in commission.  |
| Invader                              | 281                    | Dredge                                      | St. John, N.B.    | Not in commission.  |
| Iona                                 | 21                     | Ser. Yacht                                  | Toronto, Ont.     | No application.   |
| Iris                                 | 16                     | Ser. Yacht                                  | Toronto, Ont.     | No application.   |
| Iroquois                             | 286                    | Dredge                                      | St. John, N.B.    | Not in commission.  |
| Isabelle                             | 41                     | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| Island Lassie                        | 7                      | Ser. Yacht                                  | Kingston, Ont.    | Not in commission.  |
| Ivan R.                              | 66                     | Ser. Tug                                    | Toronto, Ont.     | No application.   |
| J. B. Hamill                         | 169                    | Dpr. Dr.                                    | Kingston, Ont.    | Not in commission.  |
| J. B. McLeod                         | 25                     | Ser. Fishing Boat                           | Toronto, Ont.     | No application.   |
| J. G. Coz                            | 9                      | Ser. Pass                                   | Victoria, B.C.    | Not in commission.  |
| Jack Winton                          | 19                     | Pdl. Pile Driver                            | Edmonton, Alta    | Not in commission.  |
| Jannett B.                           | 20                     | Ser. Tug                                    | Port Arthur, Ont. | No application.   |
| Jean Jacques II.                     | 33                     | Ser. Pass                                   | Sorel, P.Q.       | Not in commission.  |
| Jean Steadman                        | 1,577                  | Tw. Ser. Aux. Schooner                      | Vancouver, B.C.   | Out of district.  |
| Jericho                              | 44                     | Ser. Tug                                    | Vancouver, B.C.   | No application.   |
| Joe                                  | 57                     | Ser. Pass                                   | Collingwood, Ont. | Not in commission.  |
| John A. Minor                        | 40                     | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| John C. Mann                         | 34                     | Ser. Tug                                    | Kingston, Ont.    | Not in commission.  |
| John C. Protter                      | 1,244                  | Barge                                       | Vancouver, B.C.   | No application.   |
| John Fraser                          | 6                      | Ser. Tug                                    | Toronto, Ont.     | No application.   |
| John Hunsader                        | 231                    | Ser. Frt.                                   | Collingwood, Ont. | No application.   |
| John Loggie                          | 37                     | Ser. Tug                                    | Toronto, Ont.     | No application.   |
| John S. Thom                         | 1,440                  | Ser. Frt.                                   | Quebec, P.Q.      | Out of district.  |
| Julia V.                             | 41                     | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| Julius Wolff                         | 35                     | Ser. Tug                                    | Halifax, N.S.     | No application.   |
| Kate                                 | 23                     | Ser. Yacht                                  | Kingston, Ont.    | Not in commission.  |
| Kathleen                             | 76                     | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| Keego                                | 20                     | Ser. Pass                                   | Kingston, Ont.    | Not in commission.  |
| Kerry Range                          | 5,856                  | Ser. Frt.                                   | Montreal, P.Q.    | No application.   |
| Kestrel                              | 311                    | Ser. Frt.                                   | Victoria, B.C.    | No application.   |
| Kestrel                              | 7                      | Ser. Tug                                    | Toronto, Ont.     | No application.   |
| Kildala                              | 44                     | Ser. Tug                                    | Victoria, B.C.    | Not in commission.  |
| King Edward                          | 24                     | Ser. Tug                                    | Montreal, P.Q.    | Out of commission.  |
| King Fisher                          | 9                      | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| Kingsford                            | 269                    | Dpr. Dr.                                    | Collingwood, Ont. | Not in commission.  |
| Kootenay                             | 1,117                  | Strn. Whl. Pass.                            | Victoria, B.C.    | Not in commission.  |
| L. S. No. 31                         | 377                    | Cmshl. Dr.                                  | Collingwood, Ont. | Not in commission.  |
| L'Original Bay                       | 33                     | Ser. Tug                                    | Montreal, P.Q.    | No application.   |
| La Canadian                          | 94                     | Ser. Lt. Ship                               | Toronto, Ont.     | No application.   |
| Laehine                              | 25                     | Ser. Tug                                    | Montreal, P.Q.    | No application.   |
| La Jeanette                          | 12                     | Ser. Pass                                   | Quebec, P.Q.      | No application.   |
| Lake Michigan                        | 402                    | Ser. Frt.                                   | Toronto, Ont.     | No application.   |
| Lamonde                              | 86                     | Ser. Pass                                   | Kingston, Ont.    | Not in commission.  |
| Lanoraie                             | 90                     | Ser. Govt. Ser.                             | Sorel, P.Q.       | Not in commission.  |
| Laurin Leitch                        | 236                    | Dpr. Dr.                                    | Montreal, P.Q.    | Out of District.  |
| Laurel Whalen                        | 1,357                  | Tw. Str. Frt.                               | Victoria, B.C.    | Not in commission.  |
| Lee                                  | 9                      | Ser. aPass                                  | Kingston, Ont.    | Not in commission.  |
| Lib.                                 | 31                     | Ser. Tug                                    | Montreal, P.Q.    | No application.   |
| Lily of the Lake                     | 19                     | Ser. Pass                                   | Edmonton, Alta    | Not in commission.  |
| Lilono                               | 8                      | Pass.                                       | Vancouver, B.C.   | No application.   |
| Lotus                                | 26                     | Ser. Yacht                                  | Toronto, Ont.     | No application.   |
| Louis Philippe                       | 600                    | Ser. Pass                                   | Montreal, P.Q.    | Not in commission.  |
| Lowmoor                              | 14                     | Ser. Tug                                    | Montreal, P.Q.    | No application.   |
| Loyalist                             | 15                     | Ser. Tug                                    | St. John, N.B.    | Not in commission.  |
| Lubricator                           | 10                     | Ser. Pass                                   | Victoria, B.C.    | Not in commission.  |

## SESSIONAL PAPER No. 23

TABLE IV—Continued.—TABLEAU IV—Suite.

| Name of Vessel.<br>Noms des navires. | Tonnage.<br>Gross-Brut | Class of Vessel.<br>Catégories des navires. | District.         | Reason for Non-inspection.<br>Motif de la non-inspection. |
|--------------------------------------|------------------------|---|-------------------|---|
| Lucy Clive.....                      | 13                     | Ser. Tug.....                               | Halifax, N.S.     | No application.   |
| M. & F. No. 3.....                   | 528                    | Elevr. Dr.....                              | Sorel, P.Q.       | Not in commission.  |
| M. & F. No. 4.....                   | 576                    | Elevr. Dr.....                              | Sorel, P.Q.       | Not in commission.  |
| M. & F. No. 6.....                   | 604                    | Elevr. Dr.....                              | Sorel, P.Q.       | Not in commission.  |
| M. & F. No. 7.....                   | 914                    | Ser. Dr.....                                | Sorel, P.Q.       | Not in commission.  |
| M. & F. No. 12.....                  | 842                    | Elevr. Dr.....                              | Sorel, P.Q.       | Not in commission.  |
| M. & F. No. 13.....                  | 842                    | Elevr. Dr.....                              | Sorel, P.Q.       | Not in commission.  |
| M. & F. No. 14.....                  | 887                    | Elevr. Dr.....                              | Sorel, P.Q.       | Not in commission.  |
| M. & F. No. 15.....                  | 887                    | Elevr. Dr.....                              | Sorel, P.Q.       | Not in commission.  |
| M. & W.....                          | 9                      | Ser. Tug.....                               | Kingston, Ont.    | Not in commission.  |
| M. G. C. No. 1.....                  | 401                    | Drill Boat.....                             | Montreal, P.Q.    | No application.   |
| M. J. O'Brien.....                   | 252                    | Strm. Pdl.....                              | Port Arthur, Ont. | Not in commission.  |
| Mable Brown.....                     | 1,474                  | Tw. Ser. Aux. Schooner                      | Vancouver, B.C.   | Out of District.  |
| Mable D.....                         | 38                     | Ser. Fishing Boat.....                      | Toronto, Ont.     | No application.   |
| Mable McDonald.....                  | 42                     | Ser. Tug.....                               | Kingston, Ont.    | Not in commission.  |
| Mable Stewart.....                   | 1,471                  | Tw. Ser. Aux. Schooner                      | Vancouver, B.C.   | Out of district.  |
| McDougald.....                       | 805                    | Dredge.....                                 | St. John, N.B.    | Not in commission.  |
| Maggie Main.....                     | 19                     | Ser. Tug.....                               | Toronto, Ont.     | No application.   |
| Maggie R. King.....                  | 27                     | Ser. Tug.....                               | Kingston, Ont.    | Not in commission.  |
| Maid of Ecoole.....                  | 26                     | Ser. Pass.....                              | Victoria, B.C.    | Not in commission.  |
| Malahat.....                         | 1,543                  | Tw. Ser. Frt.....                           | Victoria, B.C.    | No application.   |
| Malaspina.....                       | 392                    | Govt. Ser.....                              | Victoria, B.C.    | No application.   |
| Margaret F.....                      | 31                     | Ser. Tug.....                               | Toronto, Ont.     | No application.   |
| Marguerite.....                      | 20                     | Ser. Tug.....                               | St. John, N.B.    | Not in commission.  |
| Marie Barnard.....                   | 1,476                  | Tw. Ser. Aux. Schooner                      | Vancouver, B.C.   | Out of district.  |
| Marie Louise.....                    | 32                     | Ser. Tug.....                               | Kingston, Ont.    | Not in commission.  |
| Mariel.....                          | 48                     | Ser. Tug.....                               | Collingwood, Ont. | No application.   |
| Markland.....                        | 22                     | Ser. Pass.....                              | Halifax, N.S.     | No application.   |
| Masson.....                          | 14                     | Ser. Pass.....                              | Montreal, P.Q.    | Not in commission.  |
| Mastodon.....                        | 748                    | Tw. Ser. Dr.....                            | Vancouver, B.C.   | Not in commission.  |
| Maude.....                           | 19                     | Ser. Tug.....                               | Toronto, Ont.     | No application.   |
| Mary Hatch.....                      | 121                    | Ser. Tug.....                               | Port Arthur, Ont. | Not in commission.  |
| Michael Davitt.....                  | 28                     | Ser. Tug.....                               | Montreal, P.Q.    | No application.   |
| Mildred.....                         | 39                     | Ser. Yacht.....                             | Toronto, Ont.     | No application.   |
| Minitaga.....                        | 2,073                  | Ser. Tug.....                               | Kingston, Ont.    | Not in commission.  |
| Minneapolis.....                     | 2,073                  | Ser. Frt.....                               | Kingston, Ont.    | No application.   |
| Minnie M.....                        | 19                     | Ser. Tug.....                               | Port Arthur, Ont. | Not in commission.  |
| Minnie W.....                        | 57                     | Ser. Tug.....                               | Port Arthur, Ont. | Not in commission.  |
| Minouche.....                        | 11                     | Ser. Pass.....                              | Quebec, P.Q.      | No application.   |
| Monitor.....                         | 60                     | Ser. Tug.....                               | Montreal, P.Q.    | No application.   |
| Moose.....                           | 233                    | Dpr. Dr.....                                | Port Arthur, Ont. | Not in commission.  |
| Morning Star.....                    | 72                     | Ser. Yacht.....                             | Kingston, Ont.    | Not in commission.  |
| Morrison, J. D.....                  | 116                    | Ser. Tug.....                               | Port Arthur, Ont. | Not in commission.  |
| Mossy River.....                     | 30                     | Ser. Tug.....                               | Port Arthur, Ont. | Not in commission.  |
| Mouping.....                         | 33                     | Ser. Yacht.....                             | Vancouver, B.C.   | Not in commission.  |
| Mous-Meg.....                        | 361                    | Drill Boat.....                             | Kingston, Ont.    | Not in commission.  |
| Mouton.....                          | 53                     | Ser. Fishing Boat.....                      | Halifax, N.S.     | No application.   |
| Mowitz.....                          | 49                     | Ser. Tug.....                               | Victoria, B.C.    | Not in commission.  |
| N. B. No. 1.....                     | 244                    | Dredge.....                                 | St. John, N.B.    | Not in commission.  |
| Naiad.....                           | 29                     | Ser. Yacht Tug.....                         | Toronto, Ont.     | No application.   |
| National.....                        | 18                     | Tug.....                                    | Toronto, Ont.     | No application.   |
| Nipigon.....                         | 35                     | Ser. Tug.....                               | Port Arthur, Ont. | No application.   |
| Nipissing.....                       | 275                    | Pdl. Pass.....                              | Collingwood, Ont. | Not in commission.  |
| Nokomis.....                         | 25                     | Ser. Yacht.....                             | Montreal, P.Q.    | No application.   |
| Nootka.....                          | 19                     | Ser. Yacht.....                             | Vancouver, B.C.   | No application.   |
| Norcen.....                          | 46                     | Ser. Tug.....                               | Halifax, N.S.     | No application.   |
| North.....                           | 291                    | Pdl. Pass.....                              | Quebec, P.Q.      | Not in commission.  |
| No. 5.....                           | 231                    | Dpr. Dr.....                                | Port Arthur, Ont. | Not in commission.  |
| O. L. R.....                         | 11                     | Ser. Pass.....                              | Vancouver, B.C.   | No application.   |
| Onward.....                          | 22                     | Ser. Fishing Boat.....                      | Toronto, Ont.     | No application.   |
| Operator.....                        | 697                    | Strm Whl. Pass.....                         | Victoria, B.C.    | Not in commission.  |
| Oreadia.....                         | 23                     | Ser. Tug.....                               | Port Arthur, Ont. | Not in commission.  |
| Oriana.....                          | 68                     | Ser. Tug.....                               | Toronto, Ont.     | No application.   |
| Orvil.....                           | 7                      | Ser. Yacht.....                             | Montreal, P.Q.    | No application.   |
| Oswegatchie.....                     | 9                      | Ser. Tug.....                               | Quebec, P.Q.      | Not in commission.  |
| Ott.....                             | 9                      | Ser. Yacht.....                             | Kingston, Ont.    | Not in commission.  |
| Ottawa.....                          | 9                      | Ser. Tug.....                               | Montreal, P.Q.    | Not in commission.  |
| P. G. E. No. 1.....                  | 636                    | Ser. Barge.....                             | Vancouver, B.C.   | No application.   |
| P. W. D. Alligator.....              | 15                     | Pd. Tug.....                                | Montreal, P.Q.    | No application.   |
| P. W. D. No. 10.....                 | 244                    | Dredge.....                                 | St. John, N.B.    | Not in commission.  |
| P. W. D. 303.....                    | 244                    | Tw. Ser. Suction Dr                         | Vancouver, B.C.   | No application.   |
| Pastime.....                         | 68                     | Ser. Lighter.....                           | Halifax, N.S.     | No application.   |
| Pastime.....                         | 15                     | Ser. Tug.....                               | Port Arthur, Ont. | Not in commission.  |
| Pawnee.....                          | 107                    | Ser. Ferry.....                             | Halifax, N.S.     | No application.   |
| Peace River Boy.....                 | 16                     | Ser. Pass.....                              | Edmonton, Alta    | Not in commission.  |
| Pearl.....                           | 6                      | Ser. Yacht.....                             | Toronto, Ont.     | No application.   |
| Peltier.....                         | 300                    | Dpr. Dr.....                                | Toronto, Ont.     | No application.   |
| Perley Holmes.....                   | 20                     | Tw. Ser. Tug.....                           | Port Arthur, Ont. | No application.   |
| Petrol.....                          | 192                    | Ser. Naval Service.....                     | Halifax, N.S.     | No application.   |
| Pierrepoint.....                     | 261                    | Pdl. Pass.....                              | Quebec, P.Q.      | Not in commission.  |
| Pioncer.....                         | 15                     | Ser. Tug.....                               | St. John, N.B.    | Not in commission.  |
| Piper.....                           | 282                    | Ser. Dr.....                                | St. John, N.B.    | Not in commission.  |
| Point Hope.....                      | 66                     | Ser. Tug.....                               | Victoria, B.C.    | Not in commission.  |

TABLE IV—Continued.—TABLEAU IV—Suite.

| Name of Vessel.<br>Noms des navires. | Tonnage.<br>Gross-Brut | Class of Vessel.<br>Catégories des navires. | District.         | Reason for Non-inspection.<br>Motif de la non-inspection. |
|--------------------------------------|------------------------|---|-------------------|---|
| Port Douglas .....                   | 13                     | Ser. Tug                                    | Vancouver, B.C.   | No application.   |
| Portneuf .....                       | 104                    | Ser. Govt. Service                          | Sorel, P.Q.       | Not in commission.  |
| Powerful .....                       | 29                     | Pdl. Tug                                    | St. John, N.B.    | Not in commission.  |
| Premier .....                        | 176                    | Elev. Dr.                                   | Montreal, P.Q.    | Not in commission.  |
| Premier Dr. No. 2 .....              |                        | Dpr. Dr                                     | Montreal, P.Q.    | No application.   |
| Premier Dr. No. 102 .....            | 115                    | Dpr. Dr                                     | Montreal, P.Q.    | Not in commission.  |
| Premier Dr. No. 103 .....            | 104                    | Dpr. Dr                                     | Montreal, P.Q.    | Not in commission.  |
| Premier Dr. No. 112 .....            | 161                    | Dpr. Dr                                     | Montreal, P.Q.    | Not in commission.  |
| Premier Dr. No. 118 .....            | 138                    | Dpr. Dr                                     | Montreal, P.Q.    | Not in commission.  |
| Premier Dr. No. 119 .....            |                        | Dpr. Dr                                     | Montreal, P.Q.    | Not in commission.  |
| Premier Dr. Ottawa .....             | 220                    | Dpr. Dr                                     | Montreal, P.Q.    | No application.   |
| Premier Dr. St. Pierre .....         | 180                    | Dpr. Dr                                     | Montreal, P.Q.    | Out of district.  |
| Premier Dr. Tay .....                |                        | Dpr. Dr                                     | Montreal, P.Q.    | Out of district.  |
| Premier Grain Elevr. No. 9 .....     | 170                    | Fltg. Elevr.                                | Montreal, P.Q.    | Not in commission.  |
| Premier Grain Elevr. No. 14 .....    | 190                    | Fltg. Elevr                                 | Montreal, P.Q.    | Not in commission.  |
| Premier Grain Elevr. No. 15 .....    | 205                    | Fltg. Elevr                                 | Montreal, P.Q.    | Not in commission.  |
| Premier Grain Elevr. No. 16 .....    | 205                    | Fltg. Elevr.                                | Montreal, P.Q.    | Not in commission.  |
| Priscilla .....                      | 20                     | Ser. Yacht                                  | Toronto, Ont      | No application.   |
| Provincial No. 1 .....               | 168                    | Dredge                                      | St. John, N.B.    | Not in commission.  |
| Quincy .....                         | 209                    | Dredge                                      | Halifax, N.S.     | No application.   |
| Quinte Chief .....                   | 204                    | Drill Boat                                  | Kingston, Ont.    | Not in commission.  |
| R. G. Shaw .....                     | 28                     | Ser. Tug                                    | Toronto, Ont      | No application.   |
| R. M. C. No. 10 .....                | 511                    | Dpr. Dr                                     | Kingston, Ont.    | Not in commission.  |
| R. M. S. No. 2 .....                 | 277                    | Dpr. Dr                                     | Toronto, Ont      | No application.   |
| R. R. Foster .....                   | 135                    | Ser. Barge                                  | Montreal, P.Q.    | Not in commission.  |
| Rambler .....                        | 26                     | Ser. Tug                                    | Port Arthur, Ont. | No application.   |
| Rat Portage .....                    | 14                     | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| Red Wing .....                       | 23                     | Ser. Tug                                    | Port Arthur, Ont. | No application.   |
| Reginolite .....                     | 2642                   | Ser. Frt                                    | Kingston, Ont     | No applications.  |
| Restless .....                       | 160                    | Ser. Tug                                    | Halifax, N.S.     | No application.   |
| Rexton .....                         | 35                     | Pdl. Tug                                    | St. John, N.B.    | Not in commission.  |
| Rey .....                            | 15                     | Ser. Gov. Service                           | Edmonton, Alta    | Not in commission.  |
| Richelieu .....                      | 194                    | Ser. Frt                                    | Quebec, P.Q.      | Not in commission.  |
| Rideau King .....                    | 266                    | Ser. Pass                                   | Kingston, Ont.    | Not in commission.  |
| Rideau Queen .....                   | 351                    | Ser. Pass                                   | Kingston, Ont.    | Not in commission.  |
| Robbie Bees .....                    | 89                     | Ser. Tug                                    | Halifax, N.S.     | No application.   |
| Robert L. Fryer .....                | 2033                   | Ser. Frt                                    | Port Arthur, Ont. | Not in commission.  |
| Rob Roy .....                        | 12                     | Ser. Yacht                                  | Kingston, Ont.    | Not in commission.  |
| Rock Breaker No. 1 .....             | 146                    | Rock Breaker                                | Kingston, Ont.    | Not in commission.  |
| Rock Cutter P. W. D. No. 1 .....     | 391                    | Rock Cutter Non-prop                        | Victoria, B.C.    | Not in commission.  |
| Rock Cutter P. W. D. No. 2 .....     | 512                    | Rock Cutter Non-prop                        | Victoria, B.C.    | Not in commission.  |
| Rosena .....                         | 8                      | Ser. Yacht                                  | Toronto, Ont      | No application.   |
| Roy Mac .....                        | 23                     | Ser. Tug                                    | Toronto, Ont      | No application.   |
| Ruby .....                           | 11                     | Ser. Tug                                    | Montreal, P.Q.    | Dismantled.   |
| Rustler .....                        | 101                    | Pdl. Pass                                   | St. John, N.B.    | Not in commission.  |
| St. Andrews .....                    | 240                    | Ser. Pass                                   | St. John, N.B.    | Not in commission.  |
| St. Anthony .....                    |                        | Pdl. Tug                                    | Montreal, P.Q.    | Dismantled.   |
| St. Charles .....                    | 27                     | Ser. Tug                                    | Kingston, Ont.    | Not in commission.  |
| St. Douglas .....                    | 18                     | Ser. Tug                                    | St. John, N.B.    | Not in commission.  |
| St. Irene .....                      | 2158                   | Pdl. Pass                                   | Quebec, P.Q.      | Not in commission.  |
| St. John .....                       | 941                    | Dredge                                      | St. John, N.B.    | Not in commission.  |
| St. Louis .....                      | 35                     | Ser. Pass                                   | Kingston, Ont     | No application.   |
| St. Paul .....                       | 2073                   | Ser. Frt                                    | Kingston, Ont.    | No application.   |
| St. Raphael .....                    | 12                     | Ser. Tug                                    | Edmonton, Alta    | Not in commission.  |
| Sand Bird .....                      | 64                     | Ser. Sand Sucker                            | Toronto, Ont      | No application.   |
| Sarnia .....                         | 85                     | Ser. Tug                                    | Port Arthur, Ont. | No application.   |
| Sarnolite .....                      | 2060                   | Ser. Oil Tanker                             | Toronto, Ont      | Out of district.  |
| Savage .....                         | 25                     | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| Seaborn .....                        | 30                     | Tw. Ser. Yacht                              | Montreal, P.Q.    | Not in commission.  |
| Sea Lion .....                       | 218                    | Ser. Tug                                    | Vancouver, B.C.   | No application.   |
| Sea Otter .....                      | 13                     | Ser. Tug                                    | Vancouver, B.C.   | No application.   |
| Senator Jansen .....                 | 230                    | Strn. Whl. Pass                             | Vancouver, B.C.   | No application.   |
| Serieux .....                        | 41                     | Ser. Tug                                    | Quebec, P.Q.      | Not in commission.  |
| Shamrock .....                       | 80                     | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| Shamrock .....                       | 10                     | Ser. Pass                                   | Collingwood, Ont  | Not in commission.  |
| Shamrock .....                       | 24                     | Ser. Tug                                    | Victoria, B.C.    | Not in commission.  |
| Shuniah .....                        | 759                    | Dredge                                      | Toronto, Ont      | No application.   |
| Siesta .....                         | 99                     | Ser. Yacht                                  | Toronto, Ont      | No application.   |
| Sigma .....                          | 191                    | Ser. Yacht                                  | Port Arthur, Ont. | Not in commission.  |
| Sir Hector .....                     | 40                     | Ser. Tug                                    | Montreal, P.Q.    | Not in commission.  |
| Sir Lomer .....                      | 48                     | Ser. Tug                                    | Quebec, P.Q.      | Not in commission.  |
| Shookum .....                        | 16                     | Ser. Pass                                   | Victoria, B.C.    | Not in commission.  |
| Skwala .....                         | 164                    | Strn. Whl. Tug                              | Vancouver, B.C.   | Not in commission.  |
| Slave River .....                    | 318                    | Strn. Whl. Pass                             | Edmonton, Alta    | Not in commission.  |
| Smith Bros .....                     | 13                     | Ser. Tug                                    | St. John, N.B.    | Not in commission.  |
| Snookum No. 2 .....                  | 217                    | Wrecking Dredge.                            | Vancouver, B.C.   | No application.   |
| Solid Comfort .....                  | 16                     | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| Sparrow .....                        | 38                     | Ser. Tug                                    | Montreal, P.Q.    | No application.   |
| Spray .....                          | 18                     | Ser. Tug                                    | Port Arthur, Ont. | Not in commission.  |
| Stanley Byer .....                   | 9                      | Ser. Tug                                    | Collingwood, Ont. | No application.   |
| Stranger .....                       | 21                     | Ser. Tug                                    | Vancouver, B.C.   | Not in commission.  |
| Strathroy (ex. D. S. Pratt) .....    | 161                    | Ser. Tug                                    | Port Arthur, Ont. | No application.   |
| Stromaway .....                      | 41                     | Ser. Tug                                    | Toronto, Ont      | No application.   |

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TABLE IV—*Concluded.*—TABLEAU IV—*Fin.*

| Name of Vessel.<br>Noms des navires. | Tonnage.<br>Gross-Brut | Class of Vessel.<br>Catégories des navires. | District.             | Reason for Non-inspection.<br>Motif de la non-inspection. |
|--------------------------------------|------------------------|---|-----------------------|---|
| Swam.....                            | 30                     | Ser. Tug.....                               | Victoria, B.C.....    | Not in commission.  |
| Swastika.....                        | 9                      | Ser. Tug.....                               | Toronto, Ont.....     | No application.   |
| Sweepstakes.....                     | 28                     | Ser. Tug.....                               | Toronto, Ont.....     | No application.   |
| T. A. Stewart.....                   | 36                     | Tw. Ser. Tug.....                           | St. John, N.B.....    | Not in commission.  |
| T. F. M. No. 4.....                  | 143                    | Dpr. Dr.....                                | Kingston, Ont.....    | Not in commission.  |
| Tadenac.....                         | 9                      | Ser. Pass.....                              | Montreal, P.Q.....    | Not in commission.  |
| Tadousac.....                        | 1701                   | Pdl. Pass.....                              | Quebec, P.Q.....      | Not in commission.  |
| Tangent.....                         | 36                     | Tw. Ser. Tug.....                           | St. John, N.B.....    | Not in commission.  |
| Tantawanta.....                      | 148                    | Ser. Dr.....                                | St. John, N.B.....    | Not in commission.  |
| Thames.....                          | 20                     | Ser. Yacht.....                             | Vancouver, B.C.....   | No application.   |
| Thelma.....                          | 19                     | Ser. Tug.....                               | Kingston, Ont.....    | Not in commission.  |
| Thistle.....                         | 36                     | Ser. Fishing Boat.....                      | Toronto, Ont.....     | No application.   |
| Thomas Crosby.....                   | 116                    | Ser. Mission Launch.....                    | Vancouver, B.C.....   | Not in commission.  |
| Thomas Fisher.....                   | 52                     | Ser. Tug.....                               | Port Arthur, Ont..... | Not in commission.  |
| Tim Healy.....                       | 34                     | Ser. Tug.....                               | Toronto, Ont.....     | No application.   |
| Tit Willow.....                      | 17                     | Ser. Tug.....                               | Montreal, P.Q.....    | Not in commission.  |
| Topsy.....                           | 15                     | Ser. Tug.....                               | Toronto, Ont.....     | No application.   |
| Tornada.....                         | 1121                   | Dredge.....                                 | Toronto, Ont.....     | Out of district.  |
| Torpedo.....                         | 8                      | Ser. Tug.....                               | Montreal, P.Q.....    | Out of district.  |
| Trenton.....                         | 288                    | Dipper Dredge.....                          | Kingston, Ont.....    | Not in commission.  |
| Tyee.....                            | 31                     | Ser. Tug.....                               | Vancouver, B.C.....   | Not in commission.  |
| Umbria.....                          | 97                     | Ser. Tug.....                               | Kingston, Ont.....    | Not in commission.  |
| Undine.....                          | 9                      | Ser. Tug.....                               | Port Arthur, Ont..... | Out of district.  |
| Varuna.....                          | 134                    | Ser. Pass.....                              | Kingston, Ont.....    | Not in commission.  |
| Venetta.....                         | 30                     | Ser. Yacht.....                             | Collingwood, Ont..... | No application.   |
| Vermillion.....                      | 41                     | Pdl. Tug.....                               | Sorel, P.Q.....       | No application.   |
| Veta.....                            | 12                     | Ser. Tug.....                               | St. John, N.B.....    | No application.   |
| Victor.....                          | 45                     | Ser. Tug.....                               | St. John, N.B.....    | Not in commission.  |
| Villeneau.....                       | 28                     | Ser. Tug.....                               | Port Arthur, Ont..... | Not in commission.  |
| Viper.....                           | 8                      | Ser. Tug.....                               | Kingston, Ont.....    | Not in commission.  |
| W. E. Rooney.....                    | 11                     | Ser. Tug.....                               | Toronto, Ont.....     | No application.   |
| W. G. Harrow.....                    | 110                    | Ser. Tug.....                               | Port Arthur, Ont..... | No application.   |
| W. Roller.....                       | 35                     | Ser. Tug.....                               | Collingwood, Ont..... | Not in commission.  |
| Wanda.....                           | 38                     | Ser. Fishing Boat.....                      | Halifax, N.S.....     | No application.   |
| Wanderer.....                        | 21                     | Ser. Tug.....                               | Port Arthur, Ont..... | No application.   |
| Wapite.....                          | 18                     | Ser. Yacht.....                             | Port Arthur, Ont..... | Not in commission.  |
| Wasp B.....                          | 15                     | Ser. (Gas).....                             | Halifax, N.S.....     | No application.   |
| Water Lily.....                      | 95                     | Ser. Frt.....                               | Kingston, Ont.....    | Not in commission.  |
| Water Lily.....                      | 138                    | Ser. Frt.....                               | Montreal, P.Q.....    | Out of district.  |
| Wau Banc.....                        | 34                     | Pdl. Tug.....                               | Sorel, P.Q.....       | No application.   |
| Wa Wa.....                           | 9                      | Ser. Yacht.....                             | Toronto, Ont.....     | No application.   |
| Wawinet.....                         | 68                     | Ser. Yacht.....                             | Kingston, Ont.....    | Not in commission.  |
| Web.....                             | 39                     | Fishing Boat.....                           | Toronto, Ont.....     | No application.   |
| Welcome.....                         | 21                     | Ser. Tug.....                               | Port Arthur, Ont..... | No application.   |
| West Port.....                       | 80                     | Ser. Frt.....                               | Montreal, P.Q.....    | No application.   |
| William White.....                   | 18                     | Ser. Tug.....                               | Port Arthur, Ont..... | Not in commission.  |
| Willard.....                         | 27                     | Ser. Yacht.....                             | Kingston, Ont.....    | Not in commission.  |
| Windsor.....                         | 1962                   | Ser. Frt.....                               | Kingston, Ont.....    | No application.   |
| Winnipegosis.....                    | 109                    | Dpr. Dr.....                                | Port Arthur, Ont..... | Not in commission.  |
| Woodnymth.....                       | 18                     | Ser. Tug.....                               | Vancouver, B.C.....   | No application.   |
| Yelda.....                           | 42                     | Ser. Sand Sucker.....                       | Toronto, Ont.....     | No application.   |
| Zella B.....                         | 47                     | Ser. Tug.....                               | St. John, B.N.....    | Not in commission.  |

TABLE V.—Statement showing Steam Vessels added to the Merchant Marine of the Dominion during the Fiscal Year ended March 31, 1920.

TABLEAU V.—Relevé des navires à vapeur ajoutés à la marine marchande de la Puissance durant l'exercice financier terminé le 31 mars 1920.

| Name of Vessel.<br>Noms des navires. | Tonnage.       | Where Built—<br>Material.<br>Année et lieu<br>de construction.<br>Nature de<br>la coque. | Trade.<br>Désignation d'emploi<br>commercial. | Propulsion N.H.P.<br>Propulsion—N. en H.P. | Division.         | Route.              |
|--------------------------------------|----------------|--|---|--|-------------------|---------------------|
| Andree D.....                        | 240<br>30      | Sorel, P.Q.<br>Wood.   | Tug.  | Ser. 67                                    | Sorel, P.Q.       | Coasting and Lakes. |
| Angelina B. Nickerson.....           | 68<br>31       | Boothbay, Me.<br>Wood.   | Fishing Boat.                                 | Ser. 7                                     | St. John, N.B.    | Coasting.           |
| Algerine.....                        | 592<br>301     | Devonport Dockyard.<br>Steel.  | Salvage.                                      | Tw. Scr. 104                               | Victoria, B.C.    | B. C. Coast.        |
| Archie Mac.....                      | 19<br>13       | Port Stanley.<br>Wood.   | Fishing Boat.                                 | Ser. 1                                     | Toronto, Ont.     | Lake Erie.          |
| Bernard M.....                       | 397<br>194     | 1920 Wedgeport, N.S.<br>Wood.  | Fishing Boat.                                 | Ser. 66                                    | Halifax, N.S.     | Wedgeport—Coasting. |
| Bessie A. White.....                 | 694<br>594     | Alma, N. B.<br>Wood.   | Frt.  | Ser. 12                                    | St. John, N.B.    | Foreign-Going.      |
| Bras d'Or.....                       | 371<br>136     | 1919 Malbone Bay, N.S.<br>Wood.  | Pass.   | Ser. 66                                    | Halifax, N.S.     | Sydney—Coasting.    |
| Busy Bee.....                        | 115<br>5       | Langton, P.Q.<br>Steel.  | Tug.  | Ser. 43                                    | Quebec, P.Q.      | St. Lawrence River. |
| Canadian Adventurer.....             | 2,242<br>1,277 | Port Arthur, Ont.<br>Steel.  | Frt.  | Ser. 146                                   | Port Arthur, Ont. | Foreign-Going.      |
| Canadian Aviator.....                | 3,388<br>2,057 | N. Vancouver, B.C.<br>Steel.   | Frt.  | Ser. 231                                   | Vancouver, B.C.   | Foreign-Going.      |
| Canadian Exporter.....               | 5,498<br>3,383 | Vancouver, B.C.<br>Steel.  | Frt.  | Ser. 266                                   | Vancouver, B.C.   | Foreign Going.      |
| Canadian Gunner.....                 | 2,415<br>1,453 | Collingwood, Ont.<br>Steel.  | Frt.  | Ser. 124                                   | Collingwood, Ont. | Foreign-Going.      |
| Canadian Importer.....               | 5,465<br>3,400 | Vancouver, B.C.<br>Steel.  | Frt.  | Ser. 266                                   | Vancouver, B.C.   | Foreign-Going.      |



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|                         |                |                               |          |                         |     |                       |                |
|-------------------------|----------------|-------------------------------|----------|-------------------------|-----|-----------------------|----------------|
| Canadian Miller.....    | 5,439<br>3,336 | Montreal, P.Q.<br>Steel.      | Frt..... | Ser.....                | 267 | Montreal, P.Q.....    | Foreign-Going. |
| Canadian Miner.....     | 1,766<br>1,043 | Trenton, N.S.<br>Steel.       | Frt..... | Ser.....                | 110 | Halifax, N.S.....     | Foreign-Going. |
| Canadian Navigator..... | 3,461<br>1,921 | Montreal, P.Q.<br>Steel.      | Frt..... | Ser.....                | 226 | Montreal, P.Q.....    | Foreign-Going. |
| Canadian Raider.....    | 3,384<br>2,652 | N. Vancouver, B.C.<br>Steel.  | Frt..... | Ser.....                | 231 | Vancouver, B.C.....   | Foreign-Going. |
| Canadian Rancher.....   | 3,551<br>2,139 | Three Rivers, P.Q.)<br>Steel. | Frt..... | Ser.....                | 231 | Sorel, P.Q.....       | Foreign-Going. |
| Canadian Ranger.....    | 5,751<br>3,351 | Montreal, P.Q.<br>Steel.      | Frt..... | Ser.....                | 267 | Montreal, P.Q.....    | Foreign-Going. |
| Canadian Recruiter..... | 2,409<br>1,454 | Collingwood, Ont.<br>Steel.   | Frt..... | Ser.....                | 124 | Collingwood, Ont..... | Foreign-Going. |
| Canadian Sailor.....    | 2,186<br>1,283 | Port Arthur, Ont.<br>Steel.   | Frt..... | Ser.....                | 137 | Port Arthur, Ont..... | Foreign-Going. |
| Canadian Sealer.....    | 1,766<br>1,043 | Trenton, N.S.<br>Steel.       | Frt..... | Ser.....                | 110 | Halifax, N.S.....     | Foreign-Going. |
| Canadian Seigneur.....  | 5,757<br>3,354 | Montreal, P.Q.<br>Steel.      | Frt..... | Ser.....                | 266 | Montreal, P.Q.....    | Foreign-Going. |
| Canadian Settler.....   | 3,548<br>2,150 | Three Rivers, P.Q.<br>Steel.  | Frt..... | Ser.....                | 231 | Sorel, P.Q.....       | Foreign-Going. |
| Canadian Signaller..... | 2,415<br>1,455 | Collingwood, Ont.<br>Steel.   | Frt..... | Ser.....                | 124 | Collingwood, Ont..... | Foreign-Going. |
| Canadian Sower.....     | 2,242<br>1,277 | Port Arthur, Ont.<br>Steel.   | Frt..... | Ser.....                | 146 | Port Arthur, Ont..... | Foreign-Going. |
| Canadian Spinner.....   | 5,404<br>3,330 | Montreal, P.Q.<br>Steel.      | Frt..... | Ser.....                | 266 | Montreal, P.Q.....    | Foreign-Going. |
| Canadian Trader.....    | 2,186<br>1,283 | Port Arthur, Ont.<br>Steel.   | Frt..... | Ser.....                | 137 | Port Arthur, Ont..... | Foreign-Going. |
| Canadian Trooper.....   | 3,180<br>1,952 | N. Vancouver, B.C.<br>Steel.  | Frt..... | Ser.....                | 226 | Vancouver, B.C.....   | Foreign-Going. |
| Canadian Volunteer..... | 3,188<br>1,910 | N. Vancouver, B.C.<br>Steel.  | Frt..... | Ser.....                | 226 | Vancouver, B.C.....   | Foreign-Going. |
| Canadian Warrior.....   | 2,409<br>1,453 | Collingwood, Ont.<br>Steel.   | Frt..... | Ser.....                | 124 | Collingwood, Ont..... | Foreign-Going. |
| Cap Finisterre.....     | 1,471<br>1,189 | N. Vancouver, B.C.<br>Wood.   | Frt..... | Tw. Ser. Aux. Schooner. | 35  | Vancouver, B.C.....   | Foreign-Going. |
| Cap Vincent.....        | 1,471<br>1,178 | N. Vancouver, B.C.<br>Wood.   | Frt..... | Tw. Ser. Aux. Schooner. | 35  | Vancouver, B.C.....   | Foreign-Going. |

TABLE V—Continued.—TABLEAU V—Suite.

| Name of Vessel.<br>Noms des navires. | Tonnage.       | Where Built—<br>Lieu de<br>construction.<br>Nature de<br>la coque. | Trade.<br>Désignation d'emploi<br>commercial. | Propulsion—N.H.P.<br>Propulsion—N. en H.P. | Division.             | Route.                                       |
|--------------------------------------|----------------|--|---|--|-----------------------|--|
| Celestial Empire.....                | 204<br>80      | Hull, C. B.....<br>Iron.   | Frt.  | Ser. 50                                    | Vancouver, B.C.....   | Coasting.                                    |
| Conestoga.....                       | 2,008<br>1,351 | Milwaukee, U.S.A.<br>Wood.   | Frt.  | Ser. 96                                    | Toronto, Ont.....     | Lakes and Rivers.                            |
| Crete I.....                         | 40<br>10       | Grand Piles, P.Q.....<br>Wood.                                     | Pass.   | Ser. 40                                    | Sorel, P.Q.....       | Grand Piles and La Tuque                     |
| Dalhousie.....                       | 27<br>18       | Vancouver, B.C.....<br>Wood.                                       | Tug.....                                      | Ser. 9                                     | Vancouver, B.C.....   | Vancouver, B.C.                              |
| E. D. Kingsley.....                  | 1,028<br>511   | Port William, Ont.....<br>Steel.                                   | Pass.....                                     | Ser. 92                                    | Port Arthur, Ont..... | Foreign-Coing.                               |
| E. D. M. Purvis.....                 | 87<br>58       | Gore Bay, Ont.....<br>Wood.  | Tug.....                                      | Ser. 11                                    | Collingwood, Ont..... | Lake Huron.                                  |
| Edmund Donald (Ex David C.).....     | 848<br>531     | Shed Bay, N.S.....<br>Wood.  | Frt.  | Ser. 65                                    | Halifax, N.S.....     | Halifax-Coasting.                            |
| Esther Anderson.....                 | 24<br>13       | Port Arthur, Ont.....<br>Wood.                                     | Fishing Boat.....                             | Ser. 1                                     | Port Arthur, Ont..... | Rosport, Ont.                                |
| F. B. Wright (gasoline).....         | 46<br>10       | Sault Ste. Marie, Ont.....<br>Wood.                                | Pass.....                                     | Ser. 40                                    | Collingwood, Ont..... | Sault Ste. Marie, Ont., and Pt.<br>Aux Pins. |
| Fredmar.....                         | 158<br>13      | Sorel, P.Q.....<br>Wood.   | Tug.....                                      | Ser. 51                                    | Sorel, P.Q.....       | Montreal, Quebec and Lakes.                  |
| General Currie.....                  | 2,400<br>1,319 | Toronto, Ont.....<br>Steel.  | Frt.  | Ser. 147                                   | Toronto, Ont.....     | Foreign-coing.                               |
| General Morrison.....                | 2,400<br>1,319 | Toronto, Ont.....<br>Steel.  | Frt.  | Ser. 147                                   | Toronto, Ont.....     | Foreign-Coing.                               |
| General Turner.....                  | 2,400<br>1,321 | Toronto, Ont.....<br>Steel.  | Frt.  | Ser. 147                                   | Toronto, Ont.....     | Foreign-Coing.                               |
| General Williams.....                | 2,400<br>1,319 | Toronto, Ont.....<br>Steel.  | Frt.  | Ser. 147                                   | Toronto, Ont.....     | Foreign-Coing.                               |
| Givensdy.....                        | 357<br>136     | Montreal, P.Q.....<br>Steel.                                       | Govt. Service.....                            | Ser. 62                                    | Victoria, B.C.....    | British Columbia Coast.                      |

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|                                     |              |                                  |                   |                    |                    |                                      |
|-------------------------------------|--------------|----------------------------------|-------------------|--------------------|--------------------|--------------------------------------|
| Gisnet.....                         | 18<br>11     | Kingston, Ont.<br>Wood.          | Pass.....         | Ser.....<br>2      | Kingston, Ont..... | River St. Lawrence.                  |
| Glenbrae.....                       | 2350<br>1423 | Buffalo, N. Y.<br>Steel.         | Frt.....          | Ser.....<br>137    | Collingwood, Ont.  | Lake and rivers.                     |
| Gleneadam.....                      | 1870<br>1118 | Wyandotte, Mich.<br>Steel.       | Frt.....          | Ser.....<br>116    | Collingwood, Ont.  | Coasting.                            |
| Glenearn.....                       | 2152<br>1633 | Buffalo, N. Y.<br>Steel.         | Frt.....          | Ser.....<br>117    | Collingwood, Ont.  | Lakes and rivers.                    |
| Glenholme.....                      | 233<br>126   | Yarmouth, N. S.<br>Wood.         | Pass.....         | Ser.....<br>26     | St. John, N. B.    | Coasting.                            |
| Glenstriven.....                    | 2152<br>1985 | Buffalo, N. Y.<br>Steel.         | Frt.....          | Ser.....<br>114    | Collingwood, Ont.  | Lakes and rivers.                    |
| Granville III.....                  | 125<br>64    | Medegan, N. S.<br>Wood.          | Pass.....         | Ser.....<br>18     | Halifax, N. S.     | Granville and St. John.              |
| H. E. Bronson.....                  | 199<br>35    | Kingston, Ont.<br>Wood.          | Tug.....          | Tw. Ser.....<br>57 | Kingston, Ont.     | River St. Lawrence.                  |
| Herbert Green.....                  | 283<br>205   | Colbert's Cove, N. S.<br>Wood.   | Frt.....          | Ser.....<br>17     | Halifax, N. S.     | Weymouth—Coasting.                   |
| Impoco.....                         | 2257<br>1383 | Grangemouth, G. B.<br>Steel.     | Oil Tanker.....   | Ser.....<br>157    | Toronto, Ont.      | Lakes and rivers.                    |
| Iver Heath (Ex. Lake Manitoba)..... | 9170<br>852  | Newcastle, G. B.<br>Steel.       | Frt.....          | Ser.....<br>832    | Halifax, N. S.     | Foreign-Going.                       |
| Jean F.....                         | 25<br>17     | Port Stanley, Ont.<br>Wood.      | Fishing Boat..... | Ser.....<br>3      | Toronto, Ont.      | Lake Erie.                           |
| John Hunsader.....                  | 231<br>93    | Sturgeon Bay, Wis.<br>Wood.      | Frt.....          | Ser.....<br>65     | Collingwood, Ont.  | St. Mary's River and White Fish Bay. |
| Judand.....                         | 334<br>137   | Wedgeport, N. S.<br>Wood.        | Fishing Boat..... | Ser.....<br>13     | Halifax, N. S.     | Liverpool—Coasting.                  |
| Liard River.....                    | 113<br>77    | Fort Smith, N. W. T.<br>F. Wood. | Frt.....          | Stern.....<br>Whl. | Edmonton, Alta.    | Liard River.                         |
| M. F. B.....                        | 328<br>168   | Wedgeport, N. S.<br>Wood.        | Fishing Boat..... | Ser.....<br>46     | Halifax, N. S.     | Yarmouth and Coasting.               |
| M. Sicken.....                      | 284<br>161   | Marine City, Mich.<br>Wood.      | Frt.....          | Ser.....<br>35     | Toronto, Ont.      | Sault Ste. Marie—Quebec.             |
| Maesin.....                         | 250<br>60    | Sorel, P. Q.<br>Wood.            | Tug.....          | Ser.....<br>63     | Sorel, P. Q.       | Coasting and lakes.                  |
| Maplegrove.....                     | 1057<br>637  | Marine City, Mich.<br>Wood.      | Frt.....          | Ser.....<br>104    | Toronto, Ont.      | Lakes and rivers.                    |
| Mary H. Boyce.....                  | 804<br>478   | Saginaw, Mich.<br>Wood.          | Frt.....          | Ser.....<br>64     | Toronto, Ont.      | Lakes and rivers.                    |

TABLE V—*Concluded.*—TABLEAU V—*Fin.*

| Name of Vessel.<br>Noms des navires. | Tonnage.     | Where Built—<br>Material.<br>Lieu de<br>construction.<br>Nature de<br>la coque. | Trade.<br>Désignation d'emploi<br>commercial. | Propulsion—N.H.P.<br>Propulsion—N. en H.P. | Division.         | Route.                                |
|--------------------------------------|--------------|---|---|--|-------------------|---------------------------------------|
| Maud Amis.....                       | 94<br>74     | Schnao, Shuswap Lake, B.C.<br>Wood.   | Tug.  | Ser. 5                                     | Victoria, B.C.    | Shuswap Lake.                         |
| Merle C.....                         | 248<br>136   | Fox River, N.S.<br>Wood.  | Frt.  | Ser. 24                                    | Halifax, N.S.     | Parrishoro—Coasting.                  |
| Mike.....                            | 57<br>34     | Burk's Falls, Ont.<br>Composite.  | Tug.  | Ser. 8                                     | Toronto, Ont.     | Magnatawan, River.                    |
| Nicaragua.....                       | 1724<br>1042 | Bay City, Mich.<br>Wood.  | Frt.  | Ser. 88                                    | Kingston, Ont.    | Great Lakes.                          |
| Papoose No. 1.....                   | 31<br>14     | Collingwood, Ont.<br>Wood.  | Tug.  | Ser. 40                                    | Collingwood, Ont. | Georgian Bay.                         |
| Peggie L.....                        | 24<br>18     | Bathurst, N.B.<br>Wood.   | Tug.  | Ser. 8                                     | St. John, N.B.    | Class 4 Inland.                       |
| Quaco Queen.....                     | 523<br>479   | St. Martins, N.B.<br>Wood.  | Frt.  | Ser. 15                                    | St. John, N.B.    | Foreign-Going.                        |
| Richard B.....                       | 73<br>39     | Vermillion, U.S.A.<br>Wood.   | Tug.  | Ser. 16                                    | Port Arthur, Ont. | Port Arthur and Rosport.              |
| Ruth B.....                          | 65<br>37     | Ocean Falls, B.C.<br>Wood.  | Pass.   | Ser. 7                                     | Vancouver, B.C.   | Ocean Falls and Dean Channel.         |
| St. Joe Island Ferry.....            | 32<br>22     | Richard Landing, Ont.<br>Wood.  | Ferry   | Cable. 40                                  | Collingwood, Ont. | St. Joseph's Island and Main<br>Land. |
| Seenie.....                          | 51<br>33     | Anacortes, Wash.<br>Wood.   | Pass.   | Ser. 14                                    | Vancouver, B.C.   | North Arm Burrard Inlet.              |
| Sinnac.....                          | 250<br>60    | Sorel, P.Q.<br>Wood.  | Tug.  | Ser. 62                                    | Sorel, P.Q.       | Coasting and lakes.                   |
| Simon Langell.....                   | 903<br>503   | St. Clair, U.S.A.<br>Wood.  | Frt.  | Ser. 102                                   | Toronto, Ont.     | Lakes and rivers.                     |
| Stormont (ex Avon).....              | 1180<br>704  | Buffalo, N.Y.<br>Wood.  | Frt.  | Ser. 100                                   | Kingston, Ont.    | Great Lakes.                          |
| Teco.....                            | 194<br>137   | Vancouver, B.C.<br>Wood.  | Frt.  | Ser. 18                                    | Vancouver, B.C.   | British Columbia Coast.               |

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|      |                   |       |      |     |                   |                              |
|------|-------------------|-------|------|-----|-------------------|------------------------------|
| 1887 | Cleveland, U.S.A. | Fr.   | Ser. | 107 | Port Arthur, Ont. | Inland.                      |
| 1106 | Steel.            |       |      |     |                   |                              |
| 159  | Sorel, P.Q.       | Tug.  | Ser. | 54  | Sorel, P.Q.       | Montreal, Quebec, and lakes. |
| 14   | Wood.             |       |      |     |                   |                              |
| 2251 | Toronto, Ont.     | Fr.   | Ser. | 147 | Toronto, Ont.     | Foreign-Going.               |
| 1353 | Steel.            |       |      |     |                   |                              |
| 5757 | Vancouver, B.C.   | Fr.   | Ser. |     | Vancouver, B.C.   | Foreign-Going.               |
| 4199 | Steel.            |       |      |     |                   |                              |
| 2251 | Toronto, Ont.     | Fr.   | Ser. | 147 | Toronto, Ont.     | Foreign-Going.               |
| 1353 | Steel.            |       |      |     |                   |                              |
| 2251 | Montreal, P.Q.    | Fr.   | Ser. | 147 | Montreal, P.Q.    | Foreign-Going.               |
| 1352 | Steel.            |       |      |     |                   |                              |
| 107  | Aylmer, P.Q.      | Pass. | Ser. | 24  | Montreal, P.Q.    | Fitzroy and Britannia.       |
| 64   | Wood.             |       |      |     |                   |                              |

2 Vinnicout  
Virginia

War Algoma

War Cavalry

War Dalton

War Hamilton

Weldon

TABLE VI.—Statement of Steam Vessels, Lost, Broken up, or Laid up as unfit for service, in the Dominion during the Fiscal Year ending March 31, 1920, and where and how last employed.

TABLEAU VI.—Relevé des bateaux à vapeur perdus, démolis ou désarmés comme impropres à tout service, dans la Puissance, durant l'exercice financier terminé le 31 mars 1920. Ce relevé indique aussi l'endroit où le navire a navigué en dernier lieu.

| Name of Vessel.<br>Noms des navires. | Tonnage. | Class of Vessel.<br>Catégories des navires. | Division.            | Where employed.<br>Localités où employés. | Disposition.                                    |
|--------------------------------------|----------|---|----------------------|---|---|
| A. M. Patrie                         | 20       | Ser. Fishing Boat                           | Port Arthur, Ont.    | Rosport, Ont.                             | Disassembled.                                   |
| A. McVittie                          | 1,458    | Ser. F. Tug                                 | Kingston, Ont.       | Great Lakes.                              | Disassembled.                                   |
| Alberden                             | 553      | Ser. Wild. Pass.                            | Victoria, B. C.      | Okanagan Lake.                            | Broken up.                                      |
| Alaska                               | 213      | Ser. Tug                                    | Sorel, P. Q.         | Montreal and Quebec.                      | Sold to United States owners.                   |
| Albatross (Ex. P. D. 30)             | 100      | Patrol Boat                                 | St. John, N. B.      | Quebec.                                   | Disassembled.                                   |
| Alert                                | 41       | Ser. Tug                                    | Halifax, N. S.       | Nanaimo Harbour.                          | Disassembled.                                   |
| Alert                                | 171      | Ser. Pass.                                  | Victoria, B. C.      | Hamilton Bay.                             | Disassembled.                                   |
| Albion                               | 17       | Tug   | Kingston, Ont.       | Appropri, Ont.                            | Disassembled.                                   |
| Albion                               | 341      | Ser. Wild. Pass.                            | Montreal, P. Q.      | Paro River.                               | Disassembled.                                   |
| Albion                               | 50       | Ser. F. Tug                                 | Edmonton, Alta.      | Maskoka Lakes.                            | Disassembled.                                   |
| Albion                               | 50       | Fishing Boat                                | Halifax, N. S.       | Strait of Chasco.                         | Lost June 6th, 1910.                            |
| Albion                               | 10       | Tug   | Edmonton, Alta.      | Alabasas River.                           | Broken up.                                      |
| Albion                               | 1,761    | Ser. Tug                                    | Halifax, N. S.       | Ottawa River.                             | Disassembled.                                   |
| Albion                               | 1,468    | Tug   | Yamoucheville, P. Q. | Coastline.                                | Lost on Peatterie, 10th March.                  |
| Albion                               | 60       | Ser. F. Tug                                 | Halifax, N. S.       | Freight-Gang.                             | Wrecked.  |
| Albion                               | 60       | Ser. Pass.                                  | St. John, N. B.      | Coastline.                                | Disassembled.                                   |
| Albion                               | 40       | Ser. Tug                                    | Collingwood, Ont.    | Maskoka Lakes.                            | Burned, total loss.                             |
| Albion                               | 70       | Pass. Barge                                 | Collingwood, Ont.    | St. John.                                 | Disassembled.                                   |
| Albion                               | 930      | Patrol Boat                                 | Yamoucheville, P. Q. | St. John.                                 | Disassembled.                                   |
| Albion                               | 101      | Ser. Wild. Pass.                            | Yamoucheville, P. Q. | Lake Ontario.                             | Disassembled.                                   |
| Albion                               | 516      | Ser. F. Tug                                 | Quebec, P. Q.        | Upper Fraser River.                       | Disassembled.                                   |
| Albion                               | 328      | Ser. Pass.                                  | Collingwood, Ont.    | Montreal and Bay St. Paul.                | Disassembled.                                   |
| Albion                               | 50       | Ser. Pass.                                  | Collingwood, B. C.   | Collingwood and Saint Ste. Marie.         | Unit for service.                               |
| Albion                               | 33       | Ser. Tug                                    | Sorel, P. Q.         | Arrow Lakes.                              | Burned, total loss.                             |
| Albion                               | 111      | Ser. Yacht                                  | Quebec, P. Q.        | Rivers and harbours.                      | Unit for service.                               |
| Albion                               | 315      | Ser. F. Tug                                 | Port Arthur, Ont.    | Montreal and Gulf St. Lawrence.           | Unit for service.                               |
| Albion                               | 37       | Ser. Tug                                    | Toronto, Ont.        | Thunder Bay, Ont.                         | Disassembled.                                   |
| Albion                               | 171      | Spoon dredge                                | Sorel, P. Q.         | St. Francois River.                       | Disassembled.                                   |
| Albion                               | 14       | Spoon Dredge                                | Sorel, P. Q.         | Rivers and harbours.                      | Hull condemned. Boiler and machinery neglected. |
| Albion                               | 13       | Ser. Tug                                    | Kingston, Ont.       | River St. Lawrence.                       | Hull condemned. Engine 7 boiler taken out.      |
| Albion                               | 20       | Ser. Tug                                    | Collingwood, Ont.    | Georgian Bay.                             | Disassembled.                                   |
| Albion                               | 28       | Ser. Tug                                    | Port Arthur, Ont.    | Kanby River, Ont.                         | Disassembled.                                   |
| Albion                               | 43       | Ser. Tug                                    | Montreal, P. Q.      | Ditawa River.                             | Disassembled.                                   |
| Albion                               | 43       | Ser. Tug                                    | Montreal, P. Q.      | Pt. Stoney.                               | Disassembled.                                   |
| Albion                               | 50       | Dredge                                      | Montreal, P. Q.      | Appropri, Ont.                            | Disassembled.                                   |

|    |                        |                      |                       |                                |  |
|----|------------------------|----------------------|-----------------------|--------------------------------|--|
| 33 | G. P. McIntosh.....    | Ser. Tug.....        | Port Arthur, Ont..... | Thunder Bay.....               | Boiler and hull condemned.                   |
|    | J. G. Whiz.....        | Ser. Pass.....       | Toronto, Ont.....     | Sparrow Lake.....              | Dismantled.                                  |
|    | Gravenhurst.....       | Ser. Tug.....        | Toronto, Ont.....     | Magdalen River.....            | Dismantled.                                  |
|    | H. F. Branson.....     | Tw. Ser. Tug.....    | Kingston, Ont.....    | River St. Lawrence.....        | Dismantled.                                  |
|    | Halero.....            | Ser. Tug.....        | Toronto, Ont.....     | Ferry Sound and vicinity.....  | Dismantled.                                  |
|    | Hattie Berry.....      | Ser. Tug.....        | Toronto, Ont.....     | Pt. Stanley.....               | Dismantled.                                  |
|    | Hazel G.....           | Ser. Tug.....        | St. John, N.B.....    | St. John River.....            | Broken up.                                   |
|    | Hero.....              | Pd. Tug.....         | St. John, N.B.....    | St. John River.....            | Sunk.  |
|    | Homer Warren.....      | Ser. Frt.....        | Toronto, Ont.....     | St. Ste. Marie and Quebec..... | Dismantled.                                  |
|    | Jim and Tom.....       | Ser. Frt.....        | Toronto, Ont.....     | Pt. Dover.....                 | Dismantled.                                  |
|    | Joe.....               | Ser. Pass.....       | Toronto, Ont.....     | Lake of Bays.....              | Lost March 1920, off Nova Scotia.            |
|    | Jutland.....           | Fishing Boat.....    | Toronto, Ont.....     | Coasting.....                  | Dismantled.                                  |
|    | Kaleden.....           | Strn. Whl. Pass..... | Halifax, N.S.....     | Panagenan Lake.....            | Broken up.                                   |
|    | Kilbemi.....           | Ser. Yacht.....      | Victoria, B.C.....    | Chudean Canal.....             | Dismantled.                                  |
|    | King Edward.....       | Ser. Tug.....        | Kingston, Ont.....    | Charlton.....                  | Dismantled.                                  |
|    | Landbo.....            | Ser. Frt.....        | Montreal, P.Q.....    | Lakes and E.....               | Dismantled.                                  |
|    | Marie.....             | Ser. Tug.....        | Sorel, P.Q.....       | Rivers and Harbours.....       | Unit for service, engine taken out.          |
|    | Marion.....            | Tw. Ser. Tug.....    | Edmonton, Alta.....   | Saskatchewan River.....        | Broken up.                                   |
|    | Maud Annis.....        | Ser. Pass.....       | Victoria, B.C.....    | Shuswap Lake.....              | Broken up.                                   |
|    | Merle C.....           | Ser. Frt.....        | Halifax, N.S.....     | Coasting.....                  | Lost off Grenville, 11th January, 1920.      |
|    | Merrimac.....          | Ser. Tug.....        | Halifax, N.S.....     | Halifax Harbour.....           | Runned against wharf 9th October, 1919.      |
|    | Mistassini.....        | Pd. Pass.....        | Quebec, P.Q.....      | Govval and Peribonca.....      | Unit for service.                            |
|    | Norfolk.....           | Ser. Tug.....        | Toronto, Ont.....     | Pt. Stanley.....               | Dismantled.                                  |
|    | Nyroca.....            | Ser. Frt.....        | Toronto, Ont.....     | Muskoka Lakes.....             | Dismantled.                                  |
|    | Ophir.....             | Ser. Yacht.....      | Toronto, Ont.....     | Ferry Harbour.....             | Hull condemned.                              |
|    | Peace River.....       | Strn Whl. Pass.....  | Toronto, Ont.....     | Peace River.....               | Dismantled.                                  |
|    | Pocohontas.....        | Ser. Pass.....       | Edmonton, Alta.....   | Massawippi Lake.....           | Dismantled.                                  |
|    | Prince Guy.....        | Spoon Dredge.....    | Montreal, P.Q.....    | Rivers and Harbours.....       | Unit up, machinery 7 boiler neglected.       |
|    | Prince Willie.....     | Spoon Dredge.....    | Sorel, P.Q.....       | Rivers and Harbours.....       | Hull condemned, engine and boiler taken out. |
|    | Qu'Appelle.....        | Ser. Pass.....       | Edmonton, Alta.....   | Long Lake.....                 | Broken up.                                   |
|    | Quebec Sand Barge..... | Sand Barge.....      | Montreal, P.Q.....    | Ottawa River.....              | Dismantled.                                  |
|    | Robert C. Hammond..... | Strn. Whl. Pass..... | Victoria, B.C.....    | Upper Fraser.....              | Dismantled.                                  |
|    | Robt. McDonald.....    | Ser. Frt.....        | Kingston, Ont.....    | River St. Lawrence.....        | Dismantled.                                  |
|    | Reliance.....          | Ser. Frt.....        | Quebec, P.Q.....      | Montreal and Valleyfield.....  | Unit for service.                            |
|    | Sarona.....            | Ser. Yacht.....      | Toronto, Ont.....     | Huntsville and vicinity.....   | Dismantled.                                  |
|    | Seona.....             | Strn. Whl. Tug.....  | Edmonton, Alta.....   | Saskatchewan River.....        | Hull condemned.                              |
|    | St. Roch.....          | Ser. Tug.....        | Quebec, P.Q.....      | Quebec.....                    | Dismantled.                                  |
|    | T. J. Waifes.....      | Ser. Frt.....        | Kingston, Ont.....    | Lake Ontario.....              | Boiler condemned.                            |
|    | Tadoussac.....         | Ser. Pass.....       | Sorel, P.Q.....       | Montreal and Chicoutimi.....   | Dismantled.                                  |
|    | Theresa.....           | Ser. Tug.....        | Toronto, Ont.....     | Magdalen River.....            | Dismantled.                                  |
|    | Two Friends.....       | Ser. Tug.....        | Toronto, Ont.....     | Pt. Dover.....                 | Dismantled.                                  |
|    | Verla Bell.....        | Ser. Tug.....        | Toronto, Ont.....     | Dunville.....                  | Dismantled.                                  |
|    | Water Lily.....        | Ser. Pass.....       | Kingston, Ont.....    | Frent Canal.....               | Dismantled.                                  |
|    | Wiley M. Egan.....     | Ser. Frt.....        | Toronto, Ont.....     | Lower St. Lawrence River.....  | Dismantled.                                  |
|    | Winnett.....           | Ser. Tug.....        | Kingston, Ont.....    | Front Canal.....               | Dismantled.                                  |

TABLE VII.—Statement showing the number of inspections of ship's tackle made during the Fiscal Year ended March 31, 1920.

TABLEAU VII.—Relevé du nombre des inspections des appareils de levage à bord des navires, faites durant l'exercice financier terminé le 31 mars 1920.

| Port.              | Number of Inspections.<br>—<br>Nombre d'inspections. | Name of Inspector.<br>—<br>Nom de l'inspecteur. |
|--------------------|--|---|
| Halifax, N.S.....  | 23   | D. J. Murray.<br>A. McDougall.                  |
| St. John, N.B..... | 258  | E. D. Ring.<br>J. M. Martin.                    |
| Montreal, Que..... | 443  | A. Duval.                                       |

TABLE VIII.—List of Certificates granted to Engineers of steamships during the Fiscal Year ended March 31, 1920.

CERTIFICATES OF COMPETENCY.

TABLEAU VIII.—Liste des certificats accordés aux mécaniciens de bateaux à vapeur (steamboats) durant l'exercice financier terminé le 31 mars 1920.

CERTIFICATS DE CAPACITÉ.

| No. of Certificate.<br>—<br>Nos des certificats. | Date of Certificate.<br>—<br>Dates des certificats. | Name.<br>—<br>Noms.      | Class.<br>—<br>Classes. | Address.<br>—<br>Adresses. | Place of Examination.<br>—<br>Localité où l'examen a été passé. |
|--|---|--------------------------|-------------------------|----------------------------|---|
|  | 1919  |                          |                         |                            |   |
| 8284   | April 1   | Jas. I. Cruickshanks     | 3rd                     | Victoria, B.C.             | Victoria, B.C.  |
| 8285   | " 1   | Francis S. May           | 3rd                     | Winnipeg, Man.             | Port Arthur, Ont.   |
| 8286   | " 1   | Eugene Boucher           | 2nd                     | Sorel, P.Q.                | Sorel, P.Q.   |
| 8287   | " 1   | Jas. H. Robinson         | 2nd                     | Trenton, Ont.              | Kingston, Ont.  |
| 8288   | " 1   | Philibert Pinal          | 4th                     | Champlain, P.Q.            | Sorel, P.Q.   |
| 8289   | " 1   | J. Ernest Buteau         | 4th                     | Berthier, P.Q.             | Sorel, P.Q.   |
| 8290   | " 16  | Alfred Dunn              | 4th                     | Victoria, B.C.             | Victoria, B.C.  |
| 8291   | " 16  | Frank T. Crawford        | 5th                     | Kingston, Ont.             | Kingston, Ont.  |
| 8292   | " 16  | Arthur L. Gallagher      | 4th                     | St. John, N.B.             | St. John, N.B.  |
| 8293   | " 16  | Geo. W. Kerr             | 4th                     | Vancouver, B.C.            | Victoria, B.C.  |
| 8294   | " 16  | Arthur L. Wagner         | 4th                     | Halifax, N.S.              | Halifax, N.S.   |
| 8295   | " 16  | Anders C. Olsen          | 3rd                     | Victoria, B.C.             | Victoria, B.C.  |
| 8296   | " 16  | Edward B. Arnall         | 3rd                     | Victoria, B.C.             | Victoria, B.C.  |
| 8297   | " 16  | Louis G. Kunkell         | 3rd                     | Sault Ste. Marie, Ont.     | Sault Ste. Marie, Ont.  |
| 8298   | " 16  | Thos. M. Diek            | 2nd                     | Edmonds Burnaby, B.C.      | Vancouver, B.C.   |
| 8299   | " 16  | Wm. E. Baillie           | 1st                     | Vancouver, B.C.            | Vancouver, B.C.   |
| 8300   | May 6   | Arnaud F. Lovely         | 3rd                     | Vancouver, B.C.            | Vancouver, B.C.   |
| 8301   | " 6   | James Hart               | 3rd                     | Vancouver, B.C.            | Vancouver, B.C.   |
| 8302   | " 8   | Rob. P. Cunningham       | 4th                     | Vancouver, B.C.            | Vancouver, B.C.   |
| 8303   | " 8   | Simon F. Boomer          | 4th                     | Vancouver, B.C.            | Vancouver, B.C.   |
| 8304   | " 8   | Sydney Newington         | 4th                     | Burnaby, B.C.              | Vancouver, B.C.   |
| 8305   | " 14  | Francis E. Blouin        | 3rd                     | Quebec, P.Q.               | Quebec, P.Q.  |
| 8306   | " 14  | James Aesroft            | 4th                     | Victoria, B.C.             | Victoria, B.C.  |
| 8307   | " 16  | Cecil I. Hinchcliffe     | 4th                     | Victoria, B.C.             | Victoria, B.C.  |
| 8308   | " 16  | Hubert Kirkpatrick       | 4th                     | Halifax, N.S.              | Halifax, N.S.   |
| 8309   | " 16  | Lezin Doucette           | 4th                     | Tusket, N.S.               | Halifax, N.S.   |
| 8310   | June 10   | Medley A. McBeath        | 4th                     | St. John, N.B.             | Halifax, N.S.   |
| 8311   | " 10  | George Edwards           | 4th                     | Ireland, G.B.              | Halifax, N.S.   |
| 8312   | " 10  | Walter R. Hollett        | 4th                     | Newfoundland               | Halifax, N.S.   |
| 8313   | " 10  | John C. McDonald         | 2nd                     | Kingston, Ont.             | Vancouver, B.C.   |
| 8314   | " 12  | Wm. McA. Robar           | 3rd                     | Issacs Harbor, N.S.        | Halifax, N.S.   |
| 8315   | " 12  | Allan White              | 4th                     | Halifax, N.S.              | Halifax, N.S.   |
| 8316   | " 12  | Jas. A. Tufts            | 3rd                     | St. John, N.B.             | Halifax, N.S.   |
| 8317   | " 12  | Leslie T. Spicer         | 3rd                     | Halifax, N.S.              | Halifax, N.S.   |
| 8318   | " 12  | Raymond A. Flood         | 4th                     | St. John, N.B.             | Halifax, N.S.   |
| 8319   | " 12  | Wm. John Porter          | 4th                     | Vancouver, B.C.            | Vancouver, B.C.   |
| 8320   | " 12  | Gatner J. Sinclair       | 4th                     | Selkirk, Man.              | Edmonton, Alta.   |
| 8321   | " 12  | Frank P. Tracy           | 3rd                     | W. Selkirk, Man.           | Edmonton, Alta.   |
| 8322   | " 20  | Arthur Maguire           | 4th                     | Toronto, Ont.              | Toronto, Ont.   |
| 8323   | " 20  | Frederick R. R. Sargeant | 4th                     | Victoria, B.C.             | Victoria, B.C.  |
| 8324   | " 20  | Jos. Lucien Laperrriere  | 4th                     | Bienville, P.Q.            | Montreal, P.Q.  |



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TABLE VIII—Continued.—TABLEAU VIII—Suite.

| No. of Certificate.  | Date of certificate.   | Name.                  | Class.    | Address.                    | Place of Examination.             |
|----------------------|------------------------|------------------------|-----------|-----------------------------|-----------------------------------|
| Nos des certificats. | Dates des certificats. | Noms.                  | Classes.  | Adresses.                   | Localité où l'examen a été passé. |
|                      | 1919                   |                        |           |                             |                                   |
| 8325                 | July 7                 | Rob. L. Reynolds       | 3rd       | Sloean City, B.C.           | Sloean City, B.C.                 |
| 8326                 | " 7                    | Ernest H. Merrifield   | 4th       | Proctor, B.C.               | Nelson, B.C.                      |
| 8327                 | " 7                    | George E. Lodge        | 4th       | Nelson, B.C.                | Nelson, B.C.                      |
| 8328                 | " 7                    | A. J. F. Gendron       | 4th       | Ste. Agathe des Monts, P.Q. | Montreal, P.Q.                    |
| 8329                 | " 7                    | Harold D. Parsell      | 4th       | N. Vancouver, B.C.          | Vancouver, B.C.                   |
| 8330                 | " 7                    | Daniel Carlin          | 4th       | Vancouver, B.C.             | Vancouver, B.C.                   |
| 8331                 | " 7                    | William Dey            | 4th       | Vancouver, B.C.             | Vancouver, B.C.                   |
| 8332                 | July 22                | William C. Forsyth     | 4th       | Bluevale, Ont.              | Montreal, P.Q.                    |
| 8333                 | Aug. 2                 | Walter H. Selater      | 4th       | Halifax, N.S.               | Halifax, N.S.                     |
| 8334                 | " 5                    | William Penfold        | 3rd       | Vancouver, B.C.             | Vancouver, B.C.                   |
| 8335                 | " 5                    | James J. O'Connell     | 4th       | Halifax, N.S.               | Halifax, N.S.                     |
| 8336                 | " 5                    | Holly E. Colwell       | 4th       | Halifax, N.S.               | Halifax, N.S.                     |
| 8337                 | " 5                    | Harry A. Gould         | 4th       | Halifax, N.S.               | Halifax, N.S.                     |
| 8338                 | " 6                    | Thomas H. Thompson     | 4th       | Vancouver, B.C.             | Vancouver, B.C.                   |
| 8339                 | " 6                    | David McLelland        | 4th       | N. Vancouver, B.C.          | Vancouver, B.C.                   |
| 8340                 | " 6                    | Robert C. Plewes       | 4th       | Vancouver, B.C.             | Vancouver, B.C.                   |
| 8341                 | " 6                    | Charles H. B. Bennett  | 4th       | Vancouver, B.C.             | Vancouver, B.C.                   |
| 8342                 | " 29                   | B. J. Hanafin          | 4th       | Vancouver, B.C.             | Vancouver, B.C.                   |
| 8343                 | " 29                   | Findlay A. Macfadyen   | 4th       | Victoria, B.C.              | Victoria, B.C.                    |
| 8344                 | " 29                   | Frank Hodge            | 4th       | Vancouver, B.C.             | Vancouver, B.C.                   |
| 8345                 | " 29                   | Charles J. Crabb       | 4th       | Vancouver, B.C.             | Vancouver, B.C.                   |
| 8346                 | " 29                   | John W. Nicholson      | 3rd       | N. Sydney, B.C.             | Halifax, N.S.                     |
| 8347                 | Sept. 8                | William M. Parks       | 1st       | St. John, N.B.              | Montreal, P.Q.                    |
| 8348                 | " 26                   | Johnson C. Beardsley   | 3rd       | Sydney, C.B.                | Halifax, N.S.                     |
| 8349                 | " 26                   | Frederick E. Smith     | 3rd       | Vancouver, B.C.             | Vancouver, B.C.                   |
| 8350                 | " 26                   | Walter Baker           | 4th       | Vancouver, B.C.             | Vancouver, B.C.                   |
| 8351                 | " 26                   | Joseph A. Gaudet       | 4th       | Halifax, N.S.               | Halifax, N.S.                     |
| 8352                 | Oct. 3                 | J. E. F. Lacroix       | 4th       | Champlain, P.Q.             | Montreal, P.Q.                    |
| 8353                 | " 3                    | Tabbnor Smith          | 4th       | Maisonneuve, P.Q.           | Montreal, P.Q.                    |
| 8354                 | " 3                    | Charles Corrigan       | 4th       | Fort William, Ont.          | Port Arthur, Ont.                 |
| 8355                 | " 3                    | William Cassidy        | 4th       | Victoria, B.C.              | Victoria, B.C.                    |
| 8356                 | " 3                    | Henry J. G. Thompson   | 3rd       | Victoria, B.C.              | Victoria, B.C.                    |
| 8357                 | " 3                    | Frederick A. Rooney    | 3rd       | Halifax, N.S.               | Halifax, N.S.                     |
| 8358                 | " 3                    | Paul E. Boldue         | 3rd       | Bienville, P.Q.             | Quebec, P.Q.                      |
| 8359                 | " 6                    | Joseph Melanson        | 4th       | St. John, N.B.              | St. John, N.B.                    |
| 8360                 | " 25                   | Thomas H. Scarff       | 4th       | Victoria, B.C.              | Victoria, B.C.                    |
| 8361                 | " 25                   | Frederick Mussett      | 4th       | Victoria, B.C.              | Victoria, B.C.                    |
| 8362                 | " 25                   | Geo. J. R. Pearce      | 4th       | Saanich, B.C.               | Victoria, B.C.                    |
| 8363                 | " 25                   | Frank W. Bowie         | 4th       | Halifax, N.S.               | Halifax, N.S.                     |
| 8364                 | " 25                   | Robert J. Logan        | 3rd       | Halifax, N.S.               | Halifax, N.S.                     |
| 8365                 | " 30                   | Dillon C. Govin        | 4th       | Montreal, P.Q.              | Montreal, P.Q.                    |
| 8366                 | Nov. 14                | Walter Tomlinson       | 3rd       | Saanich, B.C.               | Victoria, B.C.                    |
| 8367                 | " 14                   | George T. Storey       | 2nd       | U. K. Victoria, B.C.        | Victoria, B.C.                    |
| 8368                 | " 14                   | John W. Hunt           | 4th       | SS. Samson                  | Halifax, N.S.                     |
| 8369                 | " 14                   | Welsford J. Bryan      | 4th       | Collingwood, Ont.           | Collingwood, Ont.                 |
| 8370                 | " 14                   | Joseph H. Frith        | 4th       | Victoria, B.C.              | Victoria, B.C.                    |
| 8371                 | " 14                   | Leonard Dauphin        | 4th       | Victoria, B.C.              | Victoria, B.C.                    |
| 8372                 | Dec. 3                 | William P. Murdock     | 3rd       | Prescott, Ont.              | Kingston, Ont.                    |
| 8373                 | " 9                    | Milton J. Cronk        | 3rd       | Sydney Pier, C.B.           | Halifax, N.S.                     |
| 8374                 | " 9                    | Laurent Dion           | 4th       | Montmagny, P.Q.             | Montreal, P.Q.                    |
| 8375                 | " 17                   | James D. Coutts        | 4th       | Victoria, B.C.              | Victoria, B.C.                    |
| 8376                 | " 17                   | Allan B. Foote         | 4th       | Victoria, B.C.              | Victoria, B.C.                    |
| 8377                 | " 17                   | Shigetune Okada        | 4th       | Victoria, B.C.              | Victoria, B.C.                    |
| 8378                 | " 17                   | James M. McMillan      | 4th       | Pictou, N.S.                | N. Halifax, N.S.                  |
| 8379                 | " 17                   | James P. Shanahan      | 4th       | Pictou, N.S.                | Halifax, N.S.                     |
| 8380                 | Dec. 17                | Milford V. Dalzell     | 3rd       | St. John, N. B.             | St. John.                         |
| 8381                 | " 17                   | William J. Wedgerfield | 3rd       | Manitoulin, Is. Ont.        | Collingwood, Ont.                 |
| 8382                 | " 17                   | Wm. C. J. Brieger      | 3rd       | Victoria, B.C.              | Vancouver, B.C.                   |
| 8383                 | " 17                   | George Varney          | 3rd       | Victoria, B.C.              | Victoria, B.C.                    |
| 8384                 | " 17                   | Allan B. McNeil        | 3rd       | Westville, N.S.             | Halifax, N.S.                     |
| 8385                 | " 17                   | Joseph W. ResDochers   | 2nd       | St. Croix, P.Q.             | Montreal, P.Q.                    |
|                      | 1920                   |                        |           |                             |                                   |
| 8386                 | Jan. 5                 | James Reid             | 1st U. K. | S. Vancouver, B.C.          | Vancouver, B.C.                   |
| 8387                 | " 5                    | Telesphore Assant      | 3rd       | St. Joseph de Sorel         | Montreal, P.Q.                    |
| 8388                 | " 5                    | John A. McLeod         | 3rd       | Vancouver, B.C.             | Vancouver, B.C.                   |
| 8389                 | " 5                    | Iiyosaku Iwasaki       | 3rd       | Victoria, B.C.              | Victoria, B.C.                    |
| 8390                 | " 5                    | Emile Leclaire         | 4th       | Verdon, P.Q.                | Montreal, P.Q.                    |
| 8391                 | " 13                   | Alfred Goulet          | 4th       | Lanoraie, P.Q.              | Montreal, P.Q.                    |
| 8392                 | " 13                   | Jarvis G. Wheeler      | 4th       | Vancouver, B.C.             | Vancouver, B.C.                   |
| 8393                 | " 13                   | Napoleon Cournoyer     | 4th       | St. Joseph de Sorel, P.Q.   | Montreal, P.Q.                    |
| 8394                 | " 13                   | Emile Banville         | 4th       | Montreal, P.Q.              | Montreal, P.Q.                    |
| 8395                 | " 14                   | Wilbert Tom            | 4th       | Port Arthur, Ont.           | Port Arthur, Ont.                 |
| 8396                 | " 14                   | Donald G. MacSwan      | 4th       | Victoria, B.C.              | Victoria, B.C.                    |
| 8397                 | " 14                   | John Howard Burness    | 4th       | Washago, Ont.               | Toronto, Ont.                     |
| 8398                 | " 16                   | James R. La Couvee     | 4th       | Gaspé Harbour, P.Q.         | Quebec, P.Q.                      |
| 8399                 | " 16                   | Joseph V. R. Huot      | 4th       | Cote St. Paul, P.Q.         | Montreal, P.Q.                    |
| 8400                 | " 16                   | Wilbert T. Smith       | 3rd       | Point Edward, Ont.          | Collingwood, Ont.                 |
| 8401                 | " 21                   | Sylvio G. Guenard      | 1st       | Bienville, P.Q.             | Quebec, P.Q.                      |
| 8402                 | " 21                   | Henri Fugere           | 2nd       | Maisonneuve, P.Q.           | Montreal, P.Q.                    |

TABLE VIII—Continued.—TABLEAU VIII—Suite.

| No. of Certificate.   | Date of Certificate.  | Name.                 | Class.   | Address.                  | Place of Examination.             |
|-----------------------|-----------------------|-----------------------|----------|---------------------------|-----------------------------------|
| Nos. des certificats. | Date des Certificats. | Noms.                 | Classes. | Adresses.                 | Localité où l'examen a été passé. |
| 8403                  | " 21                  | John F. McRae         | 2nd      | Okanagan Landing, B.C.    | Victoria, B.C.                    |
| 8404                  | " 21                  | Thomas Nicholls       | 3rd      | Kingston, Ont.            | Kingston, Ont.                    |
| 8405                  | " 21                  | George Verrier        | 3rd      | Kingston, Ont.            | Kingston, Ont.                    |
| 8406                  | " 21                  | Ephrem Croteau        | 3rd      | St. Apollinaire, P.Q.     | Sorel, P.Q.                       |
| 8407                  | " 21                  | Harry J. Loucks       | 4th      | Cornwall, Ont.            | Montreal, P.Q.                    |
| 8408                  | " 21                  | Alfred C. Hunt        | 4th      | Montreal, P.Q.            | Montreal, P.Q.                    |
| 8409                  | " 22                  | Anatole E. Rodrigue   | 4th      | Coteau du Lac, P.Q.       | Montreal, P.Q.                    |
| 8410                  | " 22                  | Rosaire Toutant       | 4th      | Champlain, P.Q.           | Sorel, P.Q.                       |
| 8411                  | Feb. 2                | William Brotherston   | 3rd      | Peterboro, Ont.           | Kingston, Ont.                    |
| 8412                  | " 2                   | William J. Ballantyne | 3rd      | Vancouver, B.C.           | Vancouver, B.C.                   |
| 8413                  | " 3                   | Kenneth McLeod        | 4th      | E. Burnaby, B.C.          | Vancouver, B.C.                   |
| 8414                  | " 3                   | George B. Averill     | 4th      | Belle Ewart, Ont.         | Toronto, Ont.                     |
| 8415                  | " 3                   | Harry Ownes           | 4th      | Toronto, Ont.             | Toronto, Ont.                     |
| 8416                  | " 3                   | Frederick W. Clarke   | 4th      | Vancouver, B.C.           | Vancouver, B.C.                   |
| 8417                  | " 9                   | Joseph H. Sinard      | 4th      | Quebec, P.Q.              | Quebec, P.Q.                      |
| 8418                  | " 9                   | Emile Ratte           | 4th      | Bellechasse, Que.         | Quebec, P.Q.                      |
| 8419                  | " 9                   | Rodrick J. McLennan   | 4th      | Fort Smith, N. W. T.      | Edmonton, Alta.                   |
| 8420                  | " 19                  | Johnny Dauphinais     | 3rd      | Sorel, P.Q.               | Sorel, P.Q.                       |
| 8421                  | " 20                  | Einar Ekqvist         | 3rd      | Vancouver, B.C.           | Victoria, B.C.                    |
| 8422                  | " 20                  | Thomas L. Bogie       | 3rd      | Midland, Ont.             | Toronto, Ont.                     |
| 8423                  | " 20                  | David Annand          | 3rd      | Summerston, Ont.          | Kingston, Ont.                    |
| 8424                  | " 20                  | Seth Hartling         | 3rd      | Liesombe, N.S.            | Halifax, N.S.                     |
| 8425                  | " 20                  | Ryerson H. Roblin     | 4th      | Port Dalhousie, Ont.      | Toronto, Ont.                     |
| 8426                  | " 20                  | Charles J. McKechnie  | 4th      | Collingwood, Ont.         | Toronto, Ont.                     |
| 8427                  | " 20                  | David G. Holmes       | 4th      | Victoria, B.C.            | Victoria, B.C.                    |
| 8428                  | " 20                  | David Pratt           | 4th      | Victoria, B.C.            | Victoria, B.C.                    |
| 8429                  | " 20                  | Israel T. Comeau      | 4th      | Halifax, N.S.             | Halifax, N.S.                     |
| 8430                  | Feb. 20               | Edward S. Burns       | 4th      | Isaac's Harbor, N.S.      | Halifax, N.S.                     |
| 8431                  | " 20                  | Wilfrid O. Jacks      | 4th      | Stroud, Ont.              | Toronto, Ont.                     |
| 8432                  | " 20                  | Burnard North Olde    | 4th      | Sarnia, Ont.              | Toronto, Ont.                     |
| 8433                  | " 23                  | Charles F. Hewson     | 4th      | Midland, Ont.             | Toronto, Ont.                     |
| 8434                  | " 23                  | Joseph A. C. Hawman   | 2nd      | Toronto, Ont.             | Toronto, Ont.                     |
| 8435                  | " 25                  | Patrick Malcolm       | 4th      | Collingwood, Ont.         | Collingwood, Ont.                 |
| 8436                  | " 25                  | James E. Henry        | 4th      | Toronto, Ont.             | Toronto, Ont.                     |
| 8437                  | " 25                  | David Richmire        | 4th      | Prescott, Ont.            | Kingston, Ont.                    |
| 8438                  | " 25                  | Royal V. Carmichael   | 4th      | Collingwood, Ont.         | Collingwood, Ont.                 |
| 8439                  | " 25                  | Adrien Genpron        | 4th      | Montreal, P.Q.            | Montreal, P.Q.                    |
| 8440                  | " 26                  | Joseph Dube           | 4th      | Levis, P.Q.               | Quebec, P.Q.                      |
| 8441                  | " 26                  | Lucien Desrochers     | 4th      | St. Croix, P.Q.           | Quebec, P.Q.                      |
| 8442                  | " 26                  | Charles Gray          | 4th      | Collingwood, Ont.         | Collingwood, Ont.                 |
| 8443                  | " 26                  | Eudore Boisvert       | 4th      | St. Croix, P.Q.           | Quebec, P.Q.                      |
| 8444                  | " 26                  | Edouard Bergeron      | 4th      | St. Croix, P.Q.           | Quebec, P.Q.                      |
| 8445                  | " 26                  | Percey W. Pratt       | 4th      | Collingwood, Ont.         | Collingwood, Ont.                 |
| 8446                  | " 26                  | Freeman A. Vail       | 3rd      | Port McNicoll, Ont.       | Toronto, Ont.                     |
| 8447                  | " 26                  | Alphonse Beaudoin     | 3rd      | Sorel, P.Q.               | Sorel, P.Q.                       |
| 8448                  | " 26                  | Walter Howman         | 4th      | Montreal, P.Q.            | Montreal, P.Q.                    |
| 8449                  | " 26                  | Robert A. Stein       | 4th      | Vancouver, B.C.           | Vancouver, B.C.                   |
| 8450                  | " 27                  | John Johnson          | 4th      | Vancouver, B.C.           | Vancouver, B.C.                   |
| 8451                  | " 27                  | Dieudonne Belisle     | 4th      | St. Joseph de Sorel, P.Q. | Sorel, P.Q.                       |
| 8452                  | " 27                  | Henri Desrochers      | 4th      | St. Croix, P.Q.           | Quebec, P.Q.                      |
| 8453                  | " 27                  | Philippe Plante       | 4th      | Sorel, P.Q.               | Sorel, P.Q.                       |
| 8454                  | " 27                  | Wilfrid Provencal     | 4th      | St. Anne de Sorel, P.Q.   | Quebec, P.Q.                      |
| 8455                  | " 28                  | Odillon Thibault      | 4th      | Quebec, P.Q.              | Quebec, P.Q.                      |
| 8456                  | " 28                  | Harry E. Smith        | 4th      | Toronto, Ont.             | Toronto, Ont.                     |
| 8457                  | " 28                  | Charles E. Lemieux    | 4th      | Lauzon, P.Q.              | Quebec, P.Q.                      |
| 8458                  | " 28                  | Thomas W. Jones       | 4th      | Victoria, B.C.            | Victoria, B.C.                    |
| 8459                  | " 28                  | Louis Fryburg         | 4th      | Vancouver, B.C.           | Vancouver, B.C.                   |
| 8460                  | " 28                  | Wm. L. P. Murison     | 4th      | New Westminster, B.C.     | Vancouver, B.C.                   |
| 8461                  | " 28                  | William O. Prentice   | 4th      | Midland, Ont.             | Toronto, Ont.                     |
| 8462                  | " 28                  | Allen Russell         | 4th      | St. John, N.B.            | St. John, N.B.                    |
| 8463                  | March 1               | Andrew O'Brien        | 3rd      | Elgin, Ont.               | Kingston, Ont.                    |
| 8464                  | " 1                   | Oscar S. Mitchell     | 3rd      | Staynor, Ont.             | Collingwood, Ont.                 |
| 8465                  | " 1                   | Arthur Flanagan       | 3rd      | Kingston, Ont.            | Kingston, Ont.                    |
| 8466                  | " 1                   | Donald A. McConnell   | 3rd      | Collingwood, Ont.         | Collingwood, Ont.                 |
| 8467                  | " 1                   | Filigrène Thout       | 3rd      | Sorel, P.Q.               | Sorel, P.Q.                       |
| 8468                  | " 1                   | John M. P. Nicoll     | 3rd      | Collingwood, Ont.         | Collingwood, Ont.                 |
| 8469                  | " 1                   | Amedee Sauvageau      | 3rd      | Sorel, P.Q.               | Sorel, P.Q.                       |
| 8470                  | " 1                   | William C. Tymon      | 3rd      | Collingwood, Ont.         | Collingwood, Ont.                 |
| 8471                  | " 10                  | Hugh J. Dunn          | 4th      | Dundas, Ont.              | Toronto, Ont.                     |
| 8472                  | " 10                  | Wilfrid H. Lamoureux  | 2nd      | Montreal, P.Q.            | Montreal, P.Q.                    |
| 8473                  | " 10                  | Lars Nordnes          | 2nd      | Montreal, P.Q.            | Montreal, P.Q.                    |
| 8474                  | " 10                  | Jasper L. Michaud     | 2nd      | Montreal, P.Q.            | Montreal, P.Q.                    |
| 8475                  | " 10                  | Joseph J. Hiraald     | 2nd      | Toronto, Ont.             | Toronto, Ont.                     |
| 8476                  | " 10                  | Edouard Guay          | 2nd      | Quebec, P.Q.              | Quebec, P.Q.                      |
| 8477                  | " 15                  | Frederick, A. Day     | 4th      | St. John, N.B.            | St. John, N.B.                    |
| 8478                  | " 15                  | James E. McMasters    | 4th      | St. John, N.B.            | St. John, N.B.                    |
| 8479                  | " 15                  | Ovide Tondreau        | 4th      | Cap St. Ignace, P.Q.      | Quebec, P.Q.                      |
| 8480                  | " 15                  | Pierre E. A. Salvail  | 4th      | Montreal, P.Q.            | Montreal, P.Q.                    |

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TABLE VIII—Continued.—TABLEAU VIII—Suite.

| No. of Certificate.  | Date of Certificate.   | Name.                  | Class.  | Address.                      | Place of Examination.             |
|----------------------|------------------------|------------------------|---------|-------------------------------|-----------------------------------|
| Nos des certificats. | Dates des certificats. | Noms.                  | Classes | Adresses.                     | Localité où l'examen a été passé. |
|                      | 1919                   |                        |         |                               |                                   |
| 8481                 | March 15               | Thomas A. Hopkins      | 4th     | Tobermory, Ont.               | Collingwood, Ont.                 |
| 8482                 | " 15                   | François X. Dion       | 3rd     | St. Anne de Restigouche, P.Q. | Quebec, P.Q.                      |
| 8483                 | " 15                   | William E. McNicol     | 2nd     | Hamilton, Ont.                | Toronto, Ont.                     |
| 8484                 | " 15                   | Allen H. Jenkins       | 2nd     | Toronto, Ont.                 | Toronto, Ont.                     |
| 8485                 | " 15                   | Charles L. Gray        | 2nd     | Allanburg, Ont.               | Toronto, Ont.                     |
| 8486                 | " 15                   | James A. McChristie    | 2nd     | Midland, Ont.                 | Collingwood, Ont.                 |
| 8487                 | " 19                   | Harry Myres            | 3rd     | Morrisburg, Ont.              | Kingston, Ont.                    |
| 8488                 | " 19                   | Henry Nee              | 3rd     | Kingston, Ont.                | Kingston, Ont.                    |
| 8489                 | " 19                   | George H. Hill         | 3rd     | Port Arthur, Ont.             | Port Arthur, Ont.                 |
| 8490                 | " 19                   | Omer Pelocquin         | 3rd     | St. Joseph de Sorel, P.Q.     | Sorel, P.Q.                       |
| 8491                 | " 19                   | Joseph Roy             | 4th     | St. Valier, P.Q.              | Quebec, P.Q.                      |
| 8492                 | " 22                   | David R. Lanktree      | 4th     | Hurkett, Ont.                 | Port Arthur, Ont.                 |
| 8493                 | " 22                   | Joseph Fontaine        | 4th     | Lauzion, P.Q.                 | Quebec, P.Q.                      |
| 8494                 | " 22                   | Frank J. Dampier       | 4th     | Port Arthur, Ont.             | Port Arthur, Ont.                 |
| 8495                 | " 22                   | Lucien Paulet          | 4th     | Sorel, P.Q.                   | Sorel, P.Q.                       |
| 8496                 | " 22                   | George Crawford        | 4th     | Kingston, Ont.                | Kingston, Ont.                    |
| 8497                 | " 22                   | Clifford A. Bell       | 4th     | Charlottetown, P.E.I.         | St. John, N.B.                    |
| 8498                 | " 22                   | Louis O. Lamoureux     | 1st     | Montreal, P.Q.                | Montreal, P.Q.                    |
| 8499                 | " 22                   | John J. Enos           | 2nd     | Victoria, B.C.                | Vancouver, B.C.                   |
| 8500                 | " 25                   | Hannibal C. Lyne       | 3rd     | Halifax, N.S.                 | Halifax, N.S.                     |
| 8501                 | " 26                   | John S. Beveridge      | 3rd     | Halifax, N.S.                 | Halifax, N.S.                     |
| 8502                 | " 26                   | Henri Senechal         | 3rd     | Sorel, P.Q.                   | Sorel, P.Q.                       |
| 8503                 | " 26                   | James G. Dampier       | 4th     | Port Arthur, Ont.             | Port Arthur, Ont.                 |
| 8504                 | " 26                   | Clarence A. Balcom     | 4th     | Port Dufferin, N.S.           | Halifax, N.S.                     |
| 8505                 | " 26                   | Simon J. Sweeting, Jr. | 4th     | Midland, Ont.                 | Halifax, N.S.                     |
| 8506                 | " 27                   | James C. Morris        | 4th     | Advocate Harbour, N.S.        | Halifax, N.S.                     |
| 8507                 | " 27                   | Walter Carroll         | 4th     | Halifax, N.S.                 | Halifax, N.S.                     |
| 8508                 | " 27                   | Damas Mondor           | 4th     | Lanoraie, P.Q.                | Sorel, P.Q.                       |
| 8509                 | " 27                   | Laurent Portelance     | 4th     | Sorel, P.Q.                   | Sorel, P.Q.                       |
| 8510                 | " 29                   | Alexander Allan        | 4th     | Montreal, P.Q.                | Montreal, P.Q.                    |
| 8511                 | " 30                   | Edward J. Powers       | 4th     | St. John, N.B.                | St. John, N.B.                    |
| 8512                 | " 30                   | Eugene Gagne           | 4th     | Sorel, P.Q.                   | Sorel, P.Q.                       |
| 8513                 | " 30                   | Patrice Audette        | 4th     | Sorel, P.Q.                   | Sorel, P.Q.                       |
| 8514                 | " 30                   | Louis Gendron          | 4th     | Sorel, P.Q.                   | Sorel, P.Q.                       |
| 8515                 | " 30                   | Leon Agnel             | 4th     | Renfrew, Ont.                 | Montreal, P.Q.                    |
| 8516                 | " 30                   | Henry Essler           | 4th     | Victoria, B.C.                | Victoria, B.C.                    |
| 8517                 | " 30                   | Leslie G. Kenworthy    | 3rd     | Victoria, B.C.                | Victoria, B.C.                    |
| 8518                 | " 31                   | Edward Spence          | 3rd     | Montreal, P.Q.                | Halifax, N.S.                     |

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TABLE IX.—List of Certificates granted to Engineers of steamboats during the Fiscal Year ended March 31, 1920.

## TEMPORARY CERTIFICATES

TABLEAU IX.—Liste des certificats accordés aux mécaniciens de bateaux à vapeur (steamboats) durant l'exercice financier terminé le 31 mars 1920.

## CERTIFICATS TEMPORAIRES.

| No. of Certificate.   | Date of Certificate.  | Name.                      | Address.                         | Place of Examination.             |
|-----------------------|-----------------------|----------------------------|----------------------------------|-----------------------------------|
| Nos. des certificats. | Date des Certificats. | Noms.                      | Adresses.                        | Localité où l'examen a été passé. |
| 814                   | April 7               | Cyril Clifford Woodworth   | Victoria, B.C.                   | Victoria, B.C.                    |
| 815                   | " 8                   | Joseph Adelaar Crevier     | Carillon, P.Q.                   | Montreal, P.Q.                    |
| 816                   | " 11                  | Sidney David Corlett       | Glencairn, Ont.                  | Collingwood, Ont.                 |
| 817                   | " 15                  | William Swayne             | Morrisburg, Ont.                 | Kingston, Ont.                    |
| 818                   | " 15                  | George Wm. Griffin         | Ocean Falls, B.C.                | Prince Rupert, B.C.               |
| 819                   | " 22                  | Robert Beckwith            | New Castle, N.B.                 | St. John, N.B.                    |
| 820                   | " 25                  | William A. Walton          | Loring, Ont.                     | Toronto, Ont.                     |
| 821                   | " 26                  | John Boudreault            | Newport, P.E.I.                  | St. John, N.B.                    |
| 822                   | " 30                  | Samuel Blackmore           | Halifax, N.S.                    | Nova Scotia.                      |
| 823                   | May 1                 | Henri Carrière             | Montebello, P.Q.                 | Montreal, P.Q.                    |
| 824                   | " 5                   | Sinai George B. Reid       | Toronto, Ont.                    | Western Ontario.                  |
| 825                   | " 5                   | William Heintz             | Kitchener, Ont.                  | Western Ontario.                  |
| 826                   | " 8                   | Willard Ryerson Goodfellow | The Pas, Man.                    | Kenora, Ont.                      |
| 827                   | " 8                   | Albert E. T. Rayner        | Kelowna, B.C.                    | Victoria, B.C.                    |
| 828                   | " 8                   | William A. P. Venables     | The Pas, Man.                    | Kenora, Ont.                      |
| 829                   | " 8                   | Donald John McDonell       | Kenora, Ont.                     | Port Arthur, Ont.                 |
| 830                   | " 8                   | John Regis Kelly           | Kippewa, P.Q.                    | Montreal, P.Q.                    |
| 831                   | " 8                   | Osiias Payette             | Buckingham, P.Q.                 | Montreal, P.Q.                    |
| 832                   | " 8                   | Rupert Edgar Donkin        | Kenora, Ont.                     | Port Arthur, Ont.                 |
| 833                   | " 16                  | Archibald Bower            | Granville Ferry, N.S.            | Halifax, N.S.                     |
| 834                   | " 19                  | Albert W. Campsall         | Ottawa, Ont.                     | Montreal, P.Q.                    |
| 835                   | " 21                  | Fredric Cleveland          | Vancouver, B.C.                  | Vancouver, B.C.                   |
| 836                   | " 23                  | William Joseph Mark        | Amherstburg, Ont.                | Toronto, Ont.                     |
| 837                   | " 23                  | Alonzo Boisvert            | Nicolet, P.Q.                    | Sorel, P.Q.                       |
| 838                   | " 31                  | Theophile Vaillancourt     | Fort Coulonge, P.Q.              | Montreal, P.Q.                    |
| 839                   | " 31                  | Robert A. Robertson        | Huntsville, Ont.                 | Toronto, Ont.                     |
| 840                   | " 31                  | Jas. Henry Croucher        | Bracebridge, Ont.                | Toronto, Ont.                     |
| 841                   | June 11               | Carroll H. Powell          | Kingston, Ont.                   | Kingston, Ont.                    |
| 842                   | " 11                  | William Brotherton         | Peterboro, Ont.                  | Kingston, Ont.                    |
| 843                   | " 11                  | Andrew Brotherton          | Peterboro, Ont.                  | Kingston, Ont.                    |
| 844                   | " 11                  | John Edward Bennett        | Peace River, Alta.               | Edmonton, Alta.                   |
| 845                   | " 12                  | Andrew Davie               | Peace River, Alta.               | Edmonton, Alta.                   |
| 846                   | " 12                  | James H. Laird             | Bristol, P.Q.                    | Montreal, P.Q.                    |
| 847                   | " 12                  | Angus McLean               | Quyon, P.Q.                      | Montreal, P.Q.                    |
| 848                   | " 12                  | William K. Sims            | Soo, Ont.                        | Collingwood, Ont.                 |
| 849                   | " 12                  | Robert James Smith         | Port Sydney, Ont.                | Toronto, Ont.                     |
| 850                   | " 23                  | Peter Sherwood, Roe        | Summerland, B.C.                 | Victoria, B.C.                    |
| 851                   | " 23                  | John Grant                 | Mission City, B.C.               | Vancouver, B.C.                   |
| 852                   | " 23                  | Thos. Joseph Heydon        | Gravenhurst, Ont.                | Toronto, Ont.                     |
| 853                   | " 23                  | Charles W. Maxon           | Vancouver, B.C.                  | Vancouver, B.C.                   |
| 854                   | July 8                | Stanley William Lambert    | Port Carling, Ont.               | Toronto, Ont.                     |
| 855                   | " 8                   | Eugene Cleveland Hale      | Prince Rupert, B.C.              | Prince Rupert, B.C.               |
| 856                   | " 8                   | Reginald Lloyd Newcomb     | Davis Float, Prince Rupert, B.C. | Prince Rupert, B.C.               |
| 857                   | " 8                   | Hoomes Kemper Freeman      | Prince Rupert, B.C.              | Prince Rupert, B.C.               |
| 858                   | " 8                   | John Alfred Swanson        | Prince Rupert, B.C.              | Prince Rupert, B.C.               |
| 859                   | " 8                   | Stanley Spencer            | Mira Gut, C.B.                   | Halifax, N.S.                     |
| 860                   | " 18                  | Stanley Cross              | Gananoque, Ont.                  | Kingston, Ont.                    |
| 861                   | " 18                  | John Cairns                | Smith's Falls, Ont.              | Kingston, Ont.                    |
| 862                   | " 18                  | Frederick Cleveland        | Vancouver, B.C.                  | Vancouver, B.C.                   |
| 863                   | " 18                  | John Armstrong Davis       | Vancouver, B.C.                  | Vancouver, B.C.                   |
| 864                   | " 18                  | Ernest Edward Kevis        | Port Alberni, B.C.               | Port Alberni, B.C.                |
| 865                   | " 18                  | Albert Shaw Ward           | Nanaimo, B.C.                    | Kingston, Ont.                    |
| 866                   | " 29                  | Adelard Castonguay         | Carillon, P.Q.                   | Montreal, P.Q.                    |
| 867                   | " 29                  | Walter McMullen Lambert    | Gravenhurst, Ont.                | Toronto, Ont.                     |
| 868                   | Aug 1                 | Frank Stanton              | Port Stanton, Ont.               | Sparrow Lake, Ont.                |
| 869                   | " 1                   | W. George Grayley          | Lockport, N.S.                   | Halifax, N.S.                     |
| 870                   | " 7                   | Douglas A. Wright          | Sault Ste. Marie, Ont.           | Sault Ste. Marie, Ont.            |
| 871                   | " 7                   | John James Coomes          | Bridgenorth, Ont.                | Kingston, Ont.                    |
| 872                   | " 7                   | Frederick M. Young         | Young's Point, Ont.              | Kingston, Ont.                    |
| 873                   | " 12                  | Joseph Mainville           | Calumet, P.Q.                    | Calumet, P.Q.                     |
| 874                   | " 12                  | Frederick Vay              | Athlin, B.C.                     | Athlin, B.C.                      |
| 875                   | " 19                  | Warne Williamson Macauley  | Vancouver, B.C.                  | Vancouver, B.C.                   |
| 876                   | " 19                  | George Thompson            | New Westminster, B.C.            | Vancouver, B.C.                   |
| 877                   | " 19                  | John Clarke L. Hunt        | West Vancouver, B.C.             | Vancouver, B.C.                   |
| 878                   | " 19                  | Charles Lemay              | Grandes Piles, P.Q.              | Sorel, P.Q.                       |
| 879                   | " 19                  | J. Ernest Desjardins       | St. Denis, P.Q.                  | Sorel, P.Q.                       |

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TABLE IX—*Concluded.*—TABLEAU IX—*Fin.*

| No. of Certificate.<br>—<br>Nos des certificats. | Date of Certificate.<br>—<br>Dates des certificats. | Name.<br>—<br>Noms.    | Address.<br>—<br>Adresses.   | Place of Examination.<br>—<br>Localité où l'examen a été passé. |
|--|---|------------------------|------------------------------|---|
| 880  | Aug. 19   | Ernest Price Rochester | Vancouver, B.C.              | Vancouver, B.C.   |
| 881  | " 22  | Arthur L'Abbe          | St. Emelie, P.Q.             | Montreal, P.Q.  |
| 882  | " 22  | Leo James Marshall     | Timmins, Ont.                | Montreal, P.Q.  |
| 883  | " 29  | Martin James Dolan     | Halleybury, Ont.             | Montreal, P.Q.  |
| 884  | " 29  | Albert Clinton Foster  | Calgary, Alta.               | Edmonton, Alta.   |
| 885  | Sept. 8   | Archie Rattay          | Cross Point, P.Q.            | St. John, N.B.  |
| 886  | " 8   | Harold Hystedt         | Lac Du Bonnet                | Port Arthur, Ont.   |
| 887  | " 8   | John Alfred Harris     | Gores Landing, Ont.          | Kingston, Ont.  |
| 888  | " 26  | Alfred Girard          | St. Fulgence, P.Q.           | Quebec, P.Q.  |
| 889  | " 26  | Thomas Gagnon, Jr.     | St. Anne de Chicoutimi, P.Q. | Quebec, P.Q.  |
| 890  | " 26  | Thomas Gagnon, Sr.     | St. Anne de Chicoutimi, P.Q. | Quebec, P.Q.  |
| 891  | " 26  | Moise Laroché          | Chambord, P.Q.               | Quebec, P.Q.  |
| 892  | " 26  | Treffle Bougie         | Valleyfield, P.Q.            | Montreal, P.Q.  |
| 893  | " 26  | Jacob Allen Kennedy    | Burks Falls, Ont.            | Toronto, Ont.   |
| 894  | " 26  | Ludvig Arthur Mathison | Burks Falls, Ont.            | Vancouver, B.C.   |
| 895  | Oct. 2  | Charles L. Dupont Sims | Little Current, Ont.         | Collingwood, Ont.   |
| 896  | " 4   | Frank W. Pitt          | Reed's Point, N.B.           | St. John, N.B.  |
| 897  | " 6   | William George Murray  | Portage, Lake of Bays        | Toronto, Ont.   |
| 898  | " 8   | Adino Paddock Pitt     | Reed's Point, N.B.           | St. John, N.B.  |
| 899  | " 20  | Demos Veniot           | Pictou, N.S.                 | Halifax, N.S.   |
| 900  | " 30  | Wilfred Zenon Gallant  | Summerside, P.E.I.           | St. John, N.B.  |
| 901  | Nov. 14   | Frank Lovett           | Halifax, N.S.                | Halifax, N.S.   |
| 902  | " 22  | Frank Kraive           | Barrington Passage           | Halifax, N.S.   |
| 903  | Sept. 15  | Alfred Sirois          | Trois Pistoles, P.Q.         | Quebec, P.Q.  |
| 904  | Dec. 3  | Robert William Pyne    | Hollyburn, B.C.              | Vancouver, B.C.   |
| 905  | " 20  | Ashley Artemus Aikens  | Sydney, C.B.                 | Halifax, N.S.   |
|  | 1920  |                        |                              |   |
| 906  | March 2   | David Turnbull         | Kelowna, B.C.                | Victoria, B.C.  |
| 907  | " 2   | George A. Bellamy      | Port Alberni, B.C.           | Victoria, B.C.  |
| 908  | " 2   | Moise LeBlanc          | Montebello, P.Q.             | Montreal, P.Q.  |
| 909  | " 2   | James J. Leonard       | St. John, N.B.               | St. John, N.B.  |
| 910  | " 2   | Thomas R. McLay        | Nanaimo, B.C.                | Victoria, B.C.  |
| 911  | " 2   | Frederick Lavary       | Prescott, Ont.               | Montreal, P.Q.  |
| 912  | " 24  | Maurice S. Frampton    | Victoria, B.C.               | Vancouver, B.C.   |
| 913  | " 24  | Frank W. Merriek       | W. Vancouver, B.C.           | Vancouver, B.C.   |
| 914  | " 24  | Alonzo Thomas          | Collingwood, Ont.            | Collingwood, Ont.   |













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